



# Infor Distribution A+ Extension Solution User Guide

Version 11.00.02 and Higher

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## About this guide

This guide describes workflow, concepts and procedures for installing Infor Distribution A+ Extension Solution module.

## Related documentation

You can find related documentation at Infor Documentation Central ([docs.infor.com](https://docs.infor.com)). We recommend that you check this website periodically for updated documentation.

## Contacting Infor

If you have questions about Infor products, go to Infor Concierge at <https://concierge.infor.com/> and select **Infor Customer Portal** to create a case.

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If you have comments about Infor documentation, contact [documentation@infor.com](mailto:documentation@infor.com).

# Chapter 1 Extension Solution Overview

## Introduction

This overview introduces you to Extension Solution and provides a summary of the Interface, Setup, and Processing of Extension Solution.

Infor Distribution A+ must be at a version that supports Extension Solution. The following versions of Distribution A+ support Extension Solution:

- v6c10
- v7c04
- v8.00.03
- v8.01.02
- v8.02.03
- v8.03.00

If you are at release v08.03.01 or higher, then the changes necessary for Extension Solution are already installed. See your Infor Distribution A+ Installation & Software Update Guide and the Infor Distribution A+ Configuration Guide for Infor ION for more information.

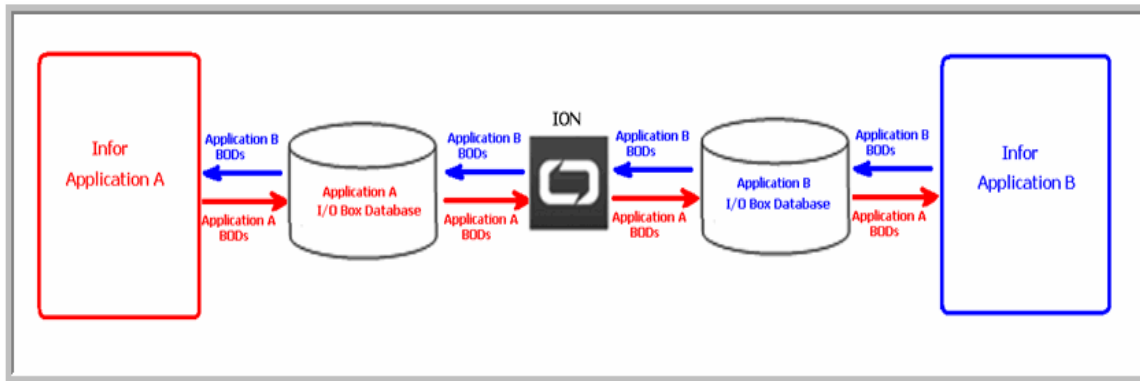
## Interface

The Extension Solution module enables the integration between Infor Distribution A+ and Infor ION.

The Extension Solution interface allows the Distribution A+ application to integrate with other Infor ION enabled applications (such as, Road Warrior, Inforce Everywhere, etc.) by way of exchanging Business Object Documents (BODs). BODs are the business messages or business documents that are exchanged between software applications or components.

## Infor Distribution A+ and Infor ION Integration

Infor applications integrate by establishing an exchange of BODs using Infor ION.



Examples of BODs are SyncltemMaster BOD, and ProcessSalesOrder BOD. A BOD consists of a Noun and a Verb. The Noun identifies the business specific data that is being communicated in the BOD (for example, ItemMaster, SalesOrder, etc.), while the Verb defines the action to be taken with the Noun (for example, Sync, Process, etc.).

Infor ION is the Infor service managing the connectivity and data shared between Infor applications. Each Integrating Infor application is defined in ION Desk. The definition includes connection to a Database, where the BOD will be placed and retrieved by ION, and a list of BODs that the application will publish (send) and subscribe (consume by updating application's business data).

Each integrating Infor application must have a Database (I/O Box) with tables required by ION to place and retrieve BODs – Inbox and Outbox tables. Infor applications use Outbox tables to place outbound BODs that they publish, and Inbox tables to retrieve inbound BODs that they subscribe to. ION monitors Outbox tables and forwards BODs to Inbox tables of Infor applications that subscribe to these BODs.

Each integrating Infor application utilizes its own way of handling BODs. For outbound BODs, BODs are generated and placed in the I/O Box Database. For inbound BODs, BODs are retrieved from the I/O Box Database and related application Database records are updated with BOD information.

The Distribution A+ application uses the ESB Adapter for handling outbound and inbound BODs, as follows:

- Generating outbound BODs and placing them in the I/O Box Database.
- Retrieving inbound BODs from the I/O Box Database, processing them, and updating the Distribution A+ Database files.

The Distribution A+ ESB Adapter performs two separate and independent processing assignments: outbound and inbound. The Distribution A+ ESB Adapter is a combination of a dedicated Distribution A+ ESB On-Ramp Service Processor and Gateway programs.

Outbound BODs are submitted to the On-Ramp Service Processor for publishing through an Outbound BOD Request issued by the following two processes:

- 1 Extension Solution BOD Initial Load or Reload programs (MENU ESMASST Option1).

- 2 Database triggers firing when changes are occurring that result in add, change or delete of Distribution A+ supported Nouns (for example, Customers, Sales Orders, Purchase Orders, etc.).

Inbound BODs are published by other Infor applications, and placed in the Distribution A+ I/O Box Database. Data in Inbound BODs is analyzed, edited, and posted to the Distribution A+ database as a Posting Group.

## Terminology

### Accounting Entity

In BOD-enabled applications, the Accounting Entity is a corporation or a subset of a corporation that is independent in regard to one or more operational functions or accounting functions. An Accounting Entity is an entity which produces a profit and loss and balance sheet from a complete, balanced set of transactions, and is often a legal entity. An Accounting Entity in Distribution A+ is defined as a 'company'.

### Location

A Location is the physical location that is associated with data or transactions. The location can be, for example, a warehouse, a manufacturing location, a project location, or an office. Locations are published in the Location BOD. A location is required for all transactional BODs and is usually the location from which a transaction or record is generated.

In BOD-enabled applications, the location is a single geographical site of an organization that is associated with data or transaction. Items are being shipped to or from a specific location. In Distribution A+, location is defined as a warehouse.

### Logical ID

The logical ID is the instance of the application that sends or receives BODs. You must provide the logical ID when you define the ION connection point for on-premise applications. In BOD-enabled applications, the Logical ID is a number or name that uniquely identifies an instance of the core product Inbound/Outbound database. In Distribution A+, the Logical ID is defined as **infor.aplus.xxxxx**, where **infor** is a tenant, **aplus** is the application type (Distribution A+), and **xxxxx** is a unique identifier that no other Infor application instance that Distribution A+ is integrating to is using. For example, Logical ID can be defined as **infor.aplus.live**; or it can indicate Distribution A+ base and environment to which you are integrating and be **infor.aplus.BBEE**, where BB indicates your Distribution A+ Base ID and EE is the Environment.

This ID must match the Logical ID specified in the ION Model Connection Points.

## Tenant

In BOD-enabled applications, the Tenant is the top-level container for the accounting entities and locations. The Tenant is required for each BOD. The user can select a value in this field, but the value must be the same across all the applications that work together. No data is ever shared or accessible between two Tenants, and this is useful in environments where more than one customer is sharing an enterprise software deployment, such as hosting. For example, Tenant can be defined as 'infor'.

## Processing

### Business Event Triggers

After the Initial load is completed through [Extension Solution BOD Load/Reload](#) (MENU ESMASST) and Extension Solution is activated through [Activate Extension Solution](#) (MENU ESMASST), BODs will be published as a result of changes in business entities triggered by events (user actions) setup in the Activate Extension Solution option.

### Processing Options

The flow of outbound and inbound BODs through the system should be monitored to ensure that all integrating Infor application business data is always in sync. Administrator user(s) must be assigned to monitor and detect errors in ION desk, On-Ramp Service Processor Inquiry and Inbound BOD Inquiry to ensure that outbound BODs are published and inbound BODs are consumed (posted) successfully and without delay.

### On-Ramp Service Processor Inquiry

The On-Ramp Service Processor is an IBM i subsystem that handles publishing of outbound BODs and processing of inbound BODs. Use the On-Ramp Service Processor Inquiry option to ensure that jobs are being processed in Distribution A+. Through this inquiry, you will be able to inquire into all jobs, active, pending or completed, that have been submitted to the On-Ramp Processor.

### Inbound BOD Inquiry

Use the Inbound BOD Inquiry option to inquire into information pertaining to the status of inbound Business Object Documents (BODs). Through this inquiry, you will be able to:

- view an inbound BOD
- edit an inbound BOD

- post an inbound BOD
- mark an inbound BOD as resolved
- display error messages for an inbound BOD

## Administration and Tools

### Data Cleanup

Within an Infor ION integrated Distribution A+ file environment, occasionally, Inbound or Outbound BOD transactions are mistakenly created and need to be cleared and removed from the Inbox or Outbox before the transactions are processed.

The Extension Solution module provides tools to clear and validate the Extension Solution files:

- [On-Ramp Service Processor Inquiry](#) (MENU ESMAN) allows for a single job to be deleted.
- [Clear Pending BOD Data](#) (MENU ESMAS) allows you to clean up pending BOD data that may have been mistakenly submitted for processing. Pending inbound data, outbound data, or both inbound and outbound data in the Distribution A+ files can be cleared.

### Additional Integrations

Once initial Infor ION application integrations are established, tools are in place to easily add application integrations.

After reviewing the existing set up and maintenance options listed in the [Setup Checklist](#) for additional requirements, the [Targeted Application BOD Load/Reload](#) option will allow the selection of a single application to perform the [Extension Solution BOD Load/Reload](#) for only the new application without disruption to the existing application integrations.

### Data Refresh

It is also a common occurrence in Distribution A+ for a new file environment to be created from an existing file environment or for a test file environment to be created from a live file environment. File Migration Tools (MENU INSTALL) exist in Distribution A+ to assist the user with these tasks.

However, the Extension Solution integration to Infor ION requires additional steps to be taken when the original file environment was part of an Infor ION Integration.

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[Extension Solution Data Refresh](#) (MENU ESMASST) performs tasks to validate and/or clear the setup data and BOD data in the to file environment to protect the integrity of the data in both the from and to environments.

## Extension Solution Setup Summary

When setting up Extension Solution, certain steps must be followed in a particular sequence. Follow the setup steps below to complete the Distribution A+ application setup.

**Note:** Some setup steps are performed outside of the Distribution A+ application. Refer to the Setup and Configuration chapter in the Infor Distribution A+ Configuration guide for Infor ION for directions on the setup steps you must follow to successfully configure the integration between Distribution A+ and Infor ION.

### 1 Extension Solution Options Maintenance

Infor applications integrate by establishing an exchange of Business Object Documents (BODs). These BODs use Logical IDs, Tenants, Accounting Entities, and Locations to identify the system that sends messages and the system that receives messages. Before you begin the integration process, you need to determine how Distribution A+ environments, companies, and locations relate to these definitions for BOD-enabled applications. Use [Extension Solution Options Maintenance](#) (MENU ESFILE) to set up and maintain system, company, warehouse, and BOD options for the Extension Solution module.

### 2 Extension Solution Startup Options

Use [Extension Solution Startup Options](#) (MENU ESFILE) to set up or maintain startup options for the Extension Solution module. You will define whether or not you want to automatically start the Commerce Gateway Client Engine when the On-Ramp Service Processor starts, indicate the directory where the Gateway Client has been installed, and specify the number of concurrent inbound Gateway Threads.

### 3 Extension Solution BOD Event Registration

Within Distribution A+, certain events (user actions) that add, change or delete business entities like customers, items, sales orders, etc. will trigger the generation and publishing of related outbound BODs from Distribution A+. Publishing BODs communicates to the integration application the latest state of related business entities. Use [Extension Solution BOD Event Registration](#) (MENU ESFILE) to view and maintain Extension Solution events within the application that triggers generating and publishing of related outbound Business Object Documents (BODs) from Distribution A+. The data for this option will be preloaded with values during the Installation Processor (that is, Events are predefined and shipped with Distribution A+). Note that, custom events can also be added through this menu option.

### 4 On-Ramp Service Processor Setup

Use [On-Ramp Service Processor Setup](#) (MENU ESFILE) to set up the On-Ramp Service Processor for the Extension Solution module. The On-Ramp Service Processor is an IBM i sub-

system that handles publishing of outbound BODs and processing of inbound BODs. Your user profile must have \*SECADM authority in order to run this option.

## 5 On-Ramp Service Processor Configuration

Use [On-Ramp Service Processor Configuration](#) (MENU ESFILE) to tailor On-Ramp Server Processor parameters for Extension Solution. Using this option, you will:

- Configure On-Ramp Service Processor Assignments or Run Priorities
- Identify the environment whose assignments you are adding/maintaining
- Identify the processors you want to assign/activate for the indicated Environment ID
- Configure the Noun Assignments for the On-Ramp Service Processor in the designated Environment ID
- Identify the priority each processor should run at.

Configure the On-Ramp Server Processor for each environment to be connected.

## 6 Import Standard Codes

Use [Import Standard Codes](#) (MENU ESFILE) to import standard codes from a text file and fill Distribution A+ tables with this data. Run this program separately for each standard code that needs a cross reference.

## 7 Non-Standard Codes Report

Use [Non-Standard Codes Report](#) (MENU ESFILE) for each common code type used in your integration(s), to print a listing of all the Distribution A+ non-standard codes that do not have a cross reference to any of the standard ISO codes (that is, they do not match any of the standard ISO codes).

Once you have identified which non-standard Distribution A+ codes require a cross reference, use [Code Cross Reference](#) (MENU ESFILE) to create a cross reference to the standard ISO codes. A cross reference will need to be created for each non-standard code listed on the report (replacing the specific non-standard code with its standard equivalent), in order to standardize the common types of master data using standard ISO codes.

## 8 Create Code Cross References

As each ERP can have its own forms of master data codes, such as units of measure, country codes, and currencies, one requirement of the integration enablement is to standardize the common types of master data codes using standard ISO codes. As part of this standardization of data, before sending out BODs from Distribution A+, Distribution A+ specific non-standard codes need to be replaced with their standard equivalent. And, when receiving Inbound BODs published by other Infor applications, these standard ISO codes will be replaced with the Distribution A+ specific code, if it is different.

Identify which non-standard Distribution A+ master data codes require a cross reference, by running the [Non-Standard Codes Report](#) (MENU ESFILE). Then, use [Code Cross Reference](#) (MENU ESFILE) to create a cross reference from the non-standard Distribution A+ codes to the standard ISO codes.

A cross reference will need to be created for each non-standard Distribution A+ code listed on the report (enabling replacing the specific non-standard code with its standard ISO equivalent in

BODs sent from Distribution A+), in order to standardize the common types of master data using standard ISO codes. Additionally, when a new non-standard code is added, a cross reference record should be added to ensure that Distribution A+ BODs that use this code will be accepted.

## 9 Noun Activation/Deactivation

Use Noun Activation/Deactivation to activate the Nouns you will be using in Extension Solution, or to deactivate those Nouns you no longer want to use.

## 10 Extension Solution BOD Load/Reload

Use [Extension Solution BOD Load/Reload](#) (MENU ESMASST) to perform an initial load of Distribution A+ data to Extension Solution. You can also use this option to perform a reload of data, if needed.

The BODs sent from Distribution A+ will be picked up by ION, forwarded to subscribing Infor applications, and, if accepted, will end up in the respective Infor applications Databases.

The Distribution A+ Integration Guides for Infor applications that Distribution A+ is integrating to, each include a complete list of the applicable BODs for the pertinent integrated application. The initial population of master data through this option must be performed before you can use the integration, and it is important that you follow these procedures in the order (sequence) in which they are presented in the Integration Guides.

Refer to the Integration Guide for each Distribution A+ application for the list and sequence of the initial Load of Master Data BODs and Transactional Data BODs. The sequence of the initial load is critical to ensure that BODs published by Distribution A+ are accepted by other Infor application(s).

Once you have completed the initial load, you can then run [Activate Extension Solution](#) (MENU ESMASST) to enable BOD publishing when changes to business data occur.

## 11 Activate Extension Solution

Use [Activate Extension Solution](#) (MENU ESMASST) to activate Extension Solution once you have completed all required setup steps to configure Distribution A+ to generate and consume BODs, and have performed the initial load of Distribution A+ data.

Activating Extension solution enables business events firing when changes are occurring that result in add, change or delete of Distribution A+ supported Nouns (for example, Customers, Sales Orders, Purchase Orders, etc.).

## 12 Auto Purge On-Ramp Service Processor

Use Auto Purge On-Ramp Service Processor to set up automatic purges (that run on a regular basis) for the On-Ramp Service Processor. Records will automatically be purged from the Extension Solution On-Ramp Processor files daily, weekly, monthly, etc., so that they do not take up excessive space on your IBM i. You can select the Job Name, Job Description, Frequency, Scheduled Date and Time, Days of the month to run, etc. You can also view a list of Nouns for which data should not be purged.

## 13 Auto Purge BOD Transactions

Use Auto Purge BOD Transactions to set up automatic purges (that run on a regular basis) for the Extension Solution BOD files. Records will automatically be purged from the Extension

Solution BOD files daily, weekly, monthly, etc., so that they do not take up excessive space on your IBM i. You can select the Job Name, Job Description, Frequency, Scheduled Date and Time, Days of the month to run, etc. You can also view a list of Nouns for which data should not be purged.

## Setup Checklist

This checklist allows you to track the setup procedures.

What to Do	Menu and Option
<input type="checkbox"/> Specify Extension Solution System Options (required)	<a href="#">Extension Solution Options Maintenance</a> (MENU ESFILE, option 1)
<input type="checkbox"/> Identify the Extension Solution Company specific codes such as accounting entity, language code, currency code, hold code, delete reason code, etc. (required)	<a href="#">Extension Solution Options Maintenance</a> (MENU ESFILE, option 1)
<input type="checkbox"/> Identify the Extension Solution Warehouse specific codes such as accounting entity, language code, currency code, etc. (required)	<a href="#">Extension Solution Options Maintenance</a> (MENU ESFILE, option 1)
<input type="checkbox"/> Identify the Extension Solution BOD Options for the Inbound and Outbound transactions (optional)	<a href="#">Extension Solution Options Maintenance</a> (MENU ESFILE, option 1)
<input type="checkbox"/> Specify Extension Solution Startup Options (required)	<a href="#">Extension Solution Startup Options Maintenance</a> (MENU ESFILE, option 2)
<input type="checkbox"/> Identify the BOD events for ION (optional)	<a href="#">Extension Solution BOD Event Registration</a> (MENU ESFILE, option 3)
<input type="checkbox"/> Set Up the On-Ramp Processor (required)	<a href="#">On-Ramp Processor Setup</a> (MENU ESFILE, option 11)
<input type="checkbox"/> Tailor the On-Ramp Processor priorities and assignments (optional)	<a href="#">On-Ramp Processor Configuration</a> (MENU ESFILE, option 12)
<input type="checkbox"/> Import the text file of standard codes to Distribution A+ (optional)	<a href="#">Import Standard Codes</a> (MENU ESFILE, option 16)
<input type="checkbox"/> Print the Non-Standard Codes Report (optional)	<a href="#">Non-Standard Codes Report</a> (MENU ESFILE, option 17)

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What to Do	Menu and Option
<input type="checkbox"/> Create code cross references (required)	<a href="#">Code Cross Reference</a> (MENU ESFILE, option 15)
<input type="checkbox"/> Deactivate nouns not being used (optional)	<a href="#">Noun Activation/Deactivation</a> (MENU ESMASST, option 5)
<input type="checkbox"/> Initial load of BOD data (required)	<a href="#">Extension Solution BOD Load/Reload</a> (MENU ESMASST, option 1)
<input type="checkbox"/> Activate the Extension Solution module (required)	<a href="#">Activate Extension Solution</a> (MENU ESMASST, option 2)
<input type="checkbox"/> Set up schedule for automatic purge of the On-Ramp Service Processor completed transactions	<a href="#">Auto Purge On-Ramp Service Processor</a> (MENU ESMASST, option 31)
<input type="checkbox"/> Set up schedule for automatic purge of the completed BOD transactions	<a href="#">Auto Purge BOD Transactions</a> (MENU ESMASST, option 33)

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## Chapter 2 On-Ramp Service Processor Inquiry

The On-Ramp Service Processor is an IBM i subsystem that handles publishing of outbound BODs and processing of inbound BODs.

Use the On-Ramp Service Processor Inquiry option on the Extension Solution Main Menu (MENU ESMAN) to ensure that jobs are being processed in Distribution A+. Through this inquiry, you will be able to inquire into all jobs, active, pending or completed, that have been submitted to the On-Ramp Processor. The status of each job is shown. Jobs submitted to the On-Ramp Processor include any active business events that generate the publishing of an outgoing BOD, due to changes in pertinent Distribution A+ data that may be used in any integration.

**Note:** You also may gain access to this inquiry by keying **ESBJOBS** on any IBM i command line within Distribution A+.

### On-Ramp Service Processor Inquiry

The screens and/or reports in this option and a brief description are listed in the following table. A complete description of each screen/report is contained in this section.

Title	Purpose
<a href="#">On-Ramp Service Processor Jobs Screen</a>	Used to review all jobs submitted to the On-Ramp Processor.
<a href="#">On-Ramp Service Processor Job Detail Screen</a>	Used to review detailed information about the job you selected.
<a href="#">Noun Transaction Drill Down Screen</a>	Used to review transaction detail for a job.
<a href="#">Noun Transaction Drill Detail Screen</a>	Used to review further transaction detail for a job.
<a href="#">Noun Transaction Drill Down Errors Screen</a>	Used to review error message(s) that were created for the job as it passed through the processor.
<a href="#">Resubmit Prompt Screen</a>	Used to resubmit/reprocess the transaction.

<b>Title</b>	<b>Purpose</b>
<a href="#">Noun Transaction Source Data Drillback Screen</a>	Used to identify the Document ID for the non-available source data associated with the transaction.

---

## On-Ramp Service Processor Jobs Screen

1/04/12 16:07:34		ON-RAMP SERVICE PROCESSOR JOBS			ACTIVE		
Ev	Job Description	Sts	User/Error	Date	Time	TP	Tot Tm
1	RW Update A/R with Today's Invoic	CMP	APLUSCTL8C	1/04/12	10:23	1	:10
2	RW Update Invoice History File	CMP	APLUSCTL8C	1/04/12	10:23	1	:07
3	RW Update Invoice History File	CMP	APLUSCTL8C	1/04/12	10:23	1	:06
4	RW Update Invoice History File	CMP	APLUSCTL8C	1/04/12	10:23	1	:06
5	RW Update Invoice History File	CMP	APLUSCTL8C	1/04/12	10:23	1	:04

Last

Select: \_ . FILTERS: Sts: .... User/Error: APLUSCTL8C Date: .....

F2=All Env      F5=Refresh      F10=TP Output  
 F3=Exit          F6=TP Jobs        F11=Pending

This screen displays after selecting option **10 - [On-Ramp Service Processor Inquiry](#)** on MENU ESMAN. Use this screen to review all jobs submitted to the On-Ramp Processor. The status of each job will be shown (pending, active or completed), as well as the user who submitted the job.

Initial loads and normal processing jobs will be processed through the On-Ramp Processor. Initial loads can be processed before the activation of Extension Solution; which begins normal BOD processing. For those initial load jobs, a warning message “**Extension Solution is not Activated**” will be displayed as a reminder that there is one more step to be completed to generate the BOD data from within the Distribution A+ daily processing tasks.

If it is detected that the environment for the next job to be processed is not correctly set up, a message will be displayed beneath the screen heading “**Jobs cannot be processed in environment EE due to incorrect setup**”. When this message displays, verify the following:

- [Extension Solution System Options Maintenance Screen](#) are defined, have a **Logical ID** field that is not blank and is unique across all file environments for the selected **Base ID**.
- [Extension Solution Startup Options Screen](#) are defined, have **Start Gateway Client** set to **Y** and the **Gateway Client startup path** field is blank.

**Note:** To purge jobs from the On-Ramp Processor, use either the [Purge On-Ramp Service Processor](#) option on MENU ESMAS to purge jobs immediately, or you can set up a scheduled job that will run a purge as often as you would like (e.g., one time purge, daily, weekly, monthly).

**Note:** This is a roll screen. **More...** appears at the bottom of a roll screen to indicate that more data is available for viewing. **Last** appears at the bottom of the last screen of data. To scroll through information on roll screens press:

- **\*PAGE DOWN** or **SHIFT-ROLL FWD** or **F7=PAGE DOWN** to display the next screen

- \***PAGE UP** or **SHIFT-ROLL BACK** or **F8=PAGE UP** to display the previous screen.

**Note:** All dates will display in the **Default Date Format** for this user, specified through Register ERP A+ User IDs (MENU XACFIG), or if that field is blank, the date using the system's **Default Date Format** specified through System Options Maintenance (MENU XAFILE).

### On-Ramp Service Processor Jobs Screen Fields and Function Keys

Field/Function Key	Description
ACTIVE / RESTART NEEDED	<p>This field displays <b>ACTIVE</b> when the On-Ramp Processor is actively running; a restart is not required.</p> <p>This field displays <b>RESTART NEEDED</b> when the On-Ramp Processor needs to be restarted. This may be accomplished by pressing <b>F6=TP JOBS</b>.</p> <p>Display</p>
(Reference Number)	<p>This is the reference number associated with the corresponding job submitted to the On-Ramp Processor. Use this number to select the corresponding job that you would like to review in detail by keying this number in the <b>Select</b> field.</p> <p>Display</p>
Ev	<p>This is the environment from which this job was posted. The environment that you are currently using is the environment that is initially displayed.</p> <p>Display</p>
Job Description	<p>This is the type of job which is queued up for posting in the On-Ramp Processor.</p> <p>Display</p>
Sts	<p>This field displays the status of the job:</p> <ul style="list-style-type: none"> <li>• <b>PND</b> (pending) displays when the job is waiting to be processed</li> <li>• <b>ACT</b> (active) displays when the job is currently being processed</li> <li>• <b>CMP</b> (completed) displays when the job has completed being processed</li> </ul> <p>Display</p>
User/Error	<p>This field displays the ID of the user who submitted the job to the On-Ramp Processor or the error, if one exists. Errors will be highlighted on the screen.</p> <p>Display</p>
Submit Date	<p>This field displays the date on which this job was submitted to the On-Ramp Processor.</p> <p>Display</p>

Field/Function Key	Description
Submit Time	<p>This field displays the time when this job was submitted to the On-Ramp Processor.</p> <p>Display</p>
Submit TP	<p>The On-Ramp Processor can be set up with multiple threads, allowing for many jobs to be run at the same time in different 'threads' of the processor. This field displays the number of the On-Ramp Processor thread that ran the job.</p> <p>Display</p>
Tot Tm	<p>This field displays the actual time it took for this job to complete. It is derived by subtracting the time the job finished from the <b>Submit Time</b>. This time is not the amount of time the IBM i took to complete this job.</p> <p>Display</p>
Select	<p>Use this field to see the details of a particular job. Key the corresponding <b>Reference Number</b> of that job in this field and press <b>ENTER</b>. The <a href="#">On-Ramp Service Processor Job Detail Screen</a> will appear.</p> <p>(N 2,0) Optional</p>
FILTERS: Sts	<p>Use this field to limit the display of the jobs shown on this screen to only those that match the status entered. For example, to show only active jobs, key <b>ACT</b> and press <b>ENTER</b>. To show only pending jobs, key <b>PND</b> and press <b>ENTER</b>. To show only completed jobs, key <b>CMP</b> and press <b>ENTER</b>.</p> <p>(A 3) Optional</p>
FILTERS: User/Error	<p>Use this field to limit the display of the jobs shown on this screen to only those that match the user or error entered. For example, to show only jobs with an error of *esberr*, key <b>*ESBERR*</b> and press <b>ENTER</b>.</p> <p>(A 10) Optional</p>
FILTERS: Date	<p>Use this field to limit the display of the jobs shown on this screen to only those that match the date entered. For example, to show only jobs with a date of 1/03/12, key <b>010312</b> (MMDDYY format).</p> <p><b>Valid Values:</b> Key the date using the <b>Default Date Format</b> for this user, specified through Register ERP A+ User IDs (MENU XACFIG), or if that field is blank, key the date using the system's <b>Default Date Format</b> specified through System Options Maintenance (MENU XAFILE)</p> <p>(N 6,0) Optional</p>

Field/Function Key	Description
F2=All Env / F2=Env XX	<p>The <b>F2=ALL ENV / F2=ENV XX</b> function key allows you to toggle between showing your default environment (designated as XX) and showing all environments.</p> <p>When <b>F2=ALL ENV</b> is displayed, jobs are shown for the current environment (Env XX). Press <b>F2=ALL ENV</b> to display the jobs for all environments.</p> <p>When <b>F2=ENV XX</b> is displayed, jobs for all environments are shown. Press <b>F2=ENV XX</b> to display the jobs for your environment only.</p>
F3=Exit	<p>Press the <b>F3=EXIT</b> function key to exit this option and return to the menu.</p>
F5=Refresh	<p>Press the <b>F5=REFRESH</b> function key to refresh the screen and update the information of the jobs shown. If you have just submitted a job or would like to review additional jobs which have been submitted, it may be necessary to press <b>F5=REFRESH</b> in order to display the jobs</p>
F6=TP Jobs / F6=Restart TP	<p>The <b>F6=TP JOBS / F6=RESTART TP</b> function key serves two functions: (1) It allows you to work with On-Ramp Processor jobs, and (2) It restarts the On- Ramp Processor.</p> <p>Normally this function key will display as <b>F6=TP JOBS</b>. When this is the case and <b>F6=TP JOBS</b> is pressed, the IBM Work with Subsystem Jobs Screen, which is a standard IBM i screen, will appear. Use this screen to work with the jobs submitted to the processor. Press the <b>F1=HELP</b> function key to present help for this IBM i screen.</p> <p><b>Note:</b> You also may access the IBM Work with Subsystem Jobs Screen by keying <b>WRKSBSJOB APSOACTLbb</b> (where bb is your Base ID) on any IBM i command line within Distribution A+.</p> <p>If your system failed (the <b>ACTIVE/RESTART NEEDED</b> field displays as <b>RESTART NEEDED</b>), this function key will display as <b>F6=RESTART TP</b>. Once <b>F6=RESTART TP</b> is pressed to restart, this screen will re-display and this function key will display as <b>F6=TP JOBS</b>.</p>
F7=Page Down / F8=Page Up	<p>More... appears at the bottom of a roll screen to indicate that more data is available for viewing. Last appears at the bottom of the last screen of data. On some roll screens, <b>F7=PAGE DOWN</b> and <b>F8=PAGE UP</b> are available for use but do not display.</p> <p>Use the <b>F7=PAGE DOWN</b> to display the next screen of information on a roll screen. The <b>PAGE DOWN</b> or <b>SHIFT-ROLL FWD</b> function keys perform the same task.</p> <p>Use the <b>F8=PAGE UP</b> to display the previous screen of information on a roll screen. The <b>PAGE UP</b> or <b>SHIFT-ROLL BACK</b> function keys perform the same task.</p>

Field/Function Key	Description
F10=TP Output	<p>Press the <b>F10=TP OUTPUT</b> function key to work with spooled files or the printer output. The IBM Work With Printer Output Screen will display.</p>
F11=Pending / F11=Completed	<p>The <b>F11=PENDING / F11=COMPLETED</b> function key allows you to toggle between jobs which have not been processed (pending) and jobs which have been processed (completed).</p> <p>When <b>F11=COMPLETED</b> displays, all jobs with the status of pending (<b>PND</b>) are displayed on this screen. Press <b>F11=COMPLETED</b> to display only those jobs which have completed.</p> <p>When <b>F11=PENDING</b> is displayed, all jobs which have completed (<b>CMP</b>) are displayed on the screen. Press <b>F11=PENDING</b> to display only those jobs which are pending.</p>
F13=Stop TP	<p>The <b>F13=STOP TP</b> function key displays and will be available only if your user ID has been defined as a <b>Master User</b> through Authority Profile Maintenance (MENU XASCTY).</p> <p>Press the <b>F13=STOP TP</b> function key to stop the On-Ramp Processor in a normal fashion. After pressing the <b>F13=STOP TP</b> function key, pending jobs will not begin processing and currently active jobs will continue processing until completion.</p> <p>To restart the On-Ramp Processor, press <b>F5=REFRESH</b> until you see <b>RESTART NEEDED</b> in the upper right hand corner of the screen. When <b>RESTART NEEDED</b> displays, press <b>F6=RESTART TP</b> to restart the On-Ramp Processor.</p>
Enter	<p>After selecting a job that you want to display in detail (by keying the <b>Reference Number</b> in the <b>Select</b> field), press the <b>ENTER</b> key to display the <a href="#">On-Ramp Service Processor Job Detail Screen</a>.</p> <p>Also press the <b>ENTER</b> key after keying filter criteria to refresh the screen and show only the jobs that match the criteria you keyed.</p>

# On-Ramp Service Processor Job Detail Screen

```

1/04/12 16:28:39  ON-RAMP SERVICE PROCESSOR JOB DETAIL  ACTIVE
Environment:      RW 8.03 ION 10.1 RC2 Road Warrior          Job Statistics
Job Description:  Update A/R with Today's Invoice           Submit: 10:23:48 1/04/12
Job Status:      Complete                                 Start: 10:23:55 1/04/12
TP #:           01                                       Complete: 10:23:58 1/04/12
Job Name: ES200P   User: APLUSCTL8C                     Wait Time: :07
Job ID: 120104102348 WS ID: TP1                          Run Time: :03

ON-RAMP SERVICE PROCESSORS
  1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 3
  1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0
Env Sel: Y N N N N N N N N N N N N N N N N N N N N N N N N N N N N
Job Sel: Y N N N N N N N N N N N N N N N N N N N N N N N N N N N N
Run Priority: 50 (01-99)

      |--Change Log--|
      1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2
Pr 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 User
F2=Date/Time      F5=Transactions                          F12=Return
    
```

This screen displays after selecting a job and pressing **ENTER** on the [On-Ramp Service Processor Jobs Screen](#). Use this screen to review detailed information about the job you selected. The lower portion of the screen will display the last two changes made to the priority assignments.

If there are jobs submitted that need to run before this job can run, then those jobs will be listed in the **--Submitted--** section, which then displays instead of the **--Change Log--** section. It will show the **Job Description, Time, User, Status** and **TP#** of the jobs that need to be completed before this job will run.

**Note:** All dates will display in the **Default Date Format** for this user, specified through Register ERP A+ User IDs (MENU XACFIG), or if that field is blank, the date using the system's **Default Date Format** specified through System Options Maintenance (MENU XAFIL).

### On-Ramp Service Processor Job Detail Screen Fields and Function Keys

Field/Function Key	Description
ACTIVE / RESTART NEEDED	This field displays <b>ACTIVE</b> when the On-Ramp Processor is actively running; a restart is not required.  This field displays <b>RESTART NEEDED</b> when the On-Ramp Processor needs to be restarted. This may be accomplished by pressing <b>F6=TP JOBS</b> .  Display

Field/Function Key	Description
Environment	The environment designator and environment description from which this job was run. Display
Job Description	The description of this job reflects the name of the event trigger. Display
Job Status	The status of this job will display as <b>Complete</b> , <b>Running</b> or <b>Pending</b> . Display
TP #	The thread number of the On-Ramp Processor that ran the job. Display
Job Name	The procedure name from which this job was called. Display
Job ID	The system generated number assigned to this job. Display
User	The name of the user who submitted this job. Display
WS ID	The workstation identifier from which this job was run. To determine the internal device description which was assigned, select Display Internal Device IDs (MENU XAMAST). Display
Submit	The time and date this job was submitted to the On-Ramp Processor. Display
Start	The time and date this job actually began processing. Display
Complete	The time and date this job completed. Display
Wait Time	The amount of time this job waited before it began running. If this number is large, it could be that the processor needed to be restarted or many jobs were submitted at the same time. Consider rearranging jobs to other threads to encourage throughput. Display
Run Time	The amount of time the system took to complete this job once it began. Display

Field/Function Key	Description
Env Sel	<p>For this environment, the transaction processor settings that are available for this job in this environment as defined in the <a href="#">On-Ramp Server Processor Configuration</a> option (MENU ESFILE). A <b>Y</b> indicates that the transaction processor has been activated for job processing.</p> <p>Display</p>
Job Sel	<p>The settings for the processor, indicating which threads are available for this type of job. These values are set in the On-Ramp Service Processor Configuration option (MENU ESFILE).</p> <p>If the job has not begun to process and you have authority, you can change the qualified threads for this job.</p> <p>Key <b>Y</b> to indicate that a thread can be used to process this job.</p> <p><b>Note:</b> The thread must be available in the environment to be available for a job in the environment.</p> <p>Key <b>N</b> to indicate that a thread cannot be used to process this job.</p> <p><b>Default Value:</b> The value specified on the Transaction Processor Assignments Screen.</p> <p>(30 @ A 1) Optional</p>
Run Priority	<p>The default run priority for this type of job. This value is set in the <a href="#">On-Ramp Service Processor Configuration</a> option (MENU ESFILE).</p> <p>If the job has not begun to process and you have authority, you can change the priority of this job. The system uses this priority to help determine the order in which to process pending jobs. Jobs with a higher priority are selected for processing before jobs with a lower priority. If there are multiple jobs with the same priority, they are processed using the “first in, first out” (FIFO) rule.</p> <p>Key the job priority value.</p> <p><b>Default Value:</b> The value specified on the Transaction Processor Assignments Screen.</p> <p><b>Valid Values:</b> 01-99, where 01 is the highest priority and 99 the lowest.</p> <p>(N 2,0) Required</p>

Field/Function Key	Description
Change Log / Submitted	<p>The <b>--Change Log--</b> section displays a list of the last changes made to the priority or the availability of threads for this job. The user ID of the user who made the change and the previous/current value for each setting are shown. Also, the user ID may be toggled with the <b>F2=DATE/TIME</b> / <b>F2=USER</b> function key to show the date and time of the last changes made.</p> <p>If there are jobs submitted that need to run before this job can run, then those jobs will be listed in the <b>--Submitted--</b> section, which then displays instead of the <b>--Change Log--</b> section. It will show the <b>Job Description, Time, User, Status</b> and <b>TP#</b> of the jobs that need to be completed before this job will run.</p> <p>Display</p>
F2=Date/Time	<p>Press the <b>F2=DATE/TIME</b> / <b>F2=USER</b> toggle key to show the user ID of the user who made the last change for this job, or the date and time of the last change made for this job.</p>
F5=Transactions	<p>Press the <b>F5=TRANSACTIONS</b> function key to access the <a href="#">Noun Transaction Drill Down Screen</a>, which shows you the transaction detail for a job.</p>
F6=TP Jobs / F6=Restart TP	<p>The <b>F6=TP JOBS</b> / <b>F6=RESTART TP</b> function key serves two functions: (1) It allows you to work with Transaction Processor jobs, and (2) It restarts the Transaction Processor.</p> <p>Normally this function key will display as <b>F6=TP JOBS</b>. When this is the case and <b>F6=TP JOBS</b> is pressed, the IBM Work with Subsystem Jobs Screen will appear where you may work with the jobs submitted to the processor.</p> <p>The IBM Work with Subsystem Jobs Screen is presented after pressing <b>F6=TP JOBS</b> on the <a href="#">On-Ramp Service Processor Jobs Screen</a>. Use this screen, which is a standard IBM i screen, to view jobs (APTRANP and TRANSP) running in the APTPSCTL subsystem. Press the <b>F1=HELP</b> function key to present help for this IBM i screen.</p> <p>You also may access this screen by keying <b>WRKSBSJOB APTPSCTL</b> on any command line within Distribution A+ and pressing <b>ENTER</b>.</p> <p>If your system failed (the <b>ACTIVE/RESTART NEEDED</b> field displays as <b>RESTART NEEDED</b>), this function key will display as <b>F6=RESTART TP</b>. Once <b>F6=RESTART TP</b> is pressed to restart, this screen will re-display and this function key will display as <b>F6=TP JOBS</b>.</p>
F12=Return	<p>Press the <b>F12=RETURN</b> function key to return to <a href="#">On-Ramp Service Processor Jobs Screen</a>.</p>

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Field/Function Key	Description
F24=Remove Job	<p>The <b>F24=REMOVE JOB</b> function key will only display when there are jobs pending or the processor is active and you are logged on to the <b>Environment</b> for the job being displayed. To use the <b>F24=REMOVE JOB</b> key, you must stop the On-Ramp Service Processor using the <b>F13=STOP TP</b> function key on the <a href="#">On-Ramp Service Processor Jobs Screen</a> to stop the On-Ramp Processor in a normal fashion.</p> <p>Press <b>F24=REMOVE JOB</b> to remove this job from processing and update the information in the log file (<b>/APLUS/ESLOGS</b>).</p>
Enter	<p>Press <b>ENTER</b> to refresh the status and run time for the job on which you are inquiring, or to update the job with any changes to the job selection or run priority.</p>

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## Noun Transaction Drill Down Screen



This screen displays after pressing **F5=TRANSACTIONS** on the [On-Ramp Service Processor Job Detail Screen](#). Use this screen to review transaction detail for an inbound or outbound job. You will be able to view additional information, view errors, view source data, or resubmit the job.

**Note:** This is a roll screen. More... appears at the bottom of a roll screen to indicate that more data is available for viewing. Last appears at the bottom of the last screen of data. To scroll through information on roll screens press:

- **\*PAGE DOWN** or **SHIFT-ROLL FWD** to display the next screen
- **\*PAGE UP** or **SHIFT-ROLL BACK** to display the previous screen.

### Noun Transaction Drill Down Screen Fields and Function Keys

Field/Function Key	Description
Direction	The direction of the transaction(s). For example, <b>InBound</b> or <b>OutBound</b> . Display
Job Desc	The description of the job (that is, the description that is on the event that created the job). Display

Field/Function Key	Description
Process ID	The unique process ID of the record that was generated when the job was submitted. Display
Pending	The number of transactions in this job that are pending processing. Display
Errors	The number of transactions in this job that have errors. Display
Completed	The number of transactions in this job that are completed. Display
%Complete	The percentage of transactions in this job that are complete. Display
O	<p>Use this field to select a further action for the BOD.</p> <p>Key <b>M</b> to access additional information and press <b>ENTER</b>. The <a href="#">Noun Transaction Drill Detail Screen</a> will appear.</p> <p>Key <b>E</b> to view errors for the BOD, if any, and press <b>ENTER</b>. The <a href="#">Noun Transaction Drill Down Errors Screen</a> will appear.</p> <p>Key <b>S</b> to view source data that created the transaction and press <b>ENTER</b>. The appropriate existing source screen that created the transaction will appear. For example, Customer Inquiry appears if selecting a <b>CustomerPartyMaster</b> transaction, or the Open Order Inquiry appears if selecting a <b>Sales Order</b> transaction. If no source data is available, the <a href="#">Noun Transaction Source Data Drillback Screen</a> will appear identifying the Document ID number.</p> <p>Key <b>R</b> to resubmit/reprocess the transaction and press <b>ENTER</b>. The <a href="#">Resubmit Prompt Screen</a> will appear.</p> <p>(A 1) Optional</p>

Field/Function Key	Description
Noun / Verb / Action	<p>This field displays either the Noun, Verb or Action, as toggled with the <b>F4=VERB / F4=NOUN / F4=ACTION</b> toggle function key.</p> <p><b>Noun</b> is the BOD object (Business Object Document) name and identifies the type of data in the document (the business specific data that is being communicated in the BOD). Possible Nouns include:</p> <ul style="list-style-type: none"> <li>• AccountingChart</li> <li>• AdvanceShipNotice</li> <li>• AplusWorkflow</li> <li>• BillToPartyMaster</li> <li>• BOD</li> <li>• ChartOfAccounts</li> <li>• CodeDefinition</li> <li>• ContactMaster</li> <li>• CustomerPartyMaster</li> <li>• CustomerReturn</li> <li>• FinancialCalendar</li> <li>• InventoryAdjustment</li> <li>• InventoryHold</li> <li>• Invoice</li> <li>• ItemMaster</li> <li>• Location</li> <li>• PayableTransaction</li> <li>• Person</li> <li>• Purchase Order</li> <li>• Quote</li> <li>• ReceivableTransaction</li> <li>• ReceiveDelivery</li> <li>• Requisition</li> <li>• SalesOrder</li> <li>• Shipment</li> <li>• ShipToPartyMaster</li> <li>• SourceSystemGLMovement</li> <li>• SupplierPartyMaster</li> </ul>

Field/Function Key	Description
Noun / Verb / Action Continued...	<p><b>Verb</b> is the process that the BOD is being sent for (it defines the action to be taken with the Noun). Possible Verbs include:</p> <ul style="list-style-type: none"> <li>• Acknowledge</li> <li>• Confirm</li> <li>• Get</li> <li>• Load</li> <li>• Post</li> <li>• Process</li> <li>• Show</li> <li>• Sync</li> </ul> <p><b>Action</b> is what will occur for the data in the BOD. Actions include</p> <ul style="list-style-type: none"> <li>• Add</li> <li>• Change</li> <li>• Delete</li> <li>• Replace</li> </ul> <p>This information is also toggled with the use of the <b>F6=STATUS DATE/TIME / F6=NOUN/VERB/ACTION</b> toggle function key.</p> <p>Display</p>
Status (Description)	<p>The status description of the BOD. The status could be one of the following, as toggled with the <b>F11=ALL / F11=PENDING / F11=COMPLETED / F11=ERRORS</b> toggle function key. The status code associated with this description displays in the <b>St</b> field based on the <b>F6=STATUS DATE/TIME / F6=NOUN/VERB/ACTION</b> toggle function key.</p> <p>Description and Status Code</p> <ul style="list-style-type: none"> <li>• <b>BOD Ready to be Created</b> - 10</li> <li>• <b>BOD Create in Process</b> - 20</li> <li>• <b>BOD Created</b> - 30</li> <li>• <b>BOD Sent to Gateway</b> - 40</li> <li>• <b>BOD Sent to BUS</b> - 50</li> <li>• <b>BOD Error</b> - 90</li> </ul> <p>This information is also toggled with the use of the <b>F8=USER/PROGRAM / F8=STATUS DESC</b> toggle function key.</p> <p>Display</p>

Field/Function Key	Description
Document ID - BOD Error Message	<p>Document ID contains varying information, depending on the BOD's Noun. It is usually comprised of key information that makes the document unique in both the Distribution A+ and the Infor ION interconnected systems. For example, CustomerPartyMaster has Company Number and Customer Number; ItemMaster has Item Number; SalesOrder has Company Number, Order Number, Order Generation, etc.</p> <p>BOD Error Message will display the first error message, if any. This information can be used to determine why a BOD might have failed and therefore could not be fully processed out of the Distribution A+ system to the ION.</p> <p>Display</p>
M	<p>This field displays a '+' if more than one error BOD Error Message exists for the BOD. The first BOD error message has already been displayed on the screen. To view additional errors for the job, if any, key <b>E</b> in the <b>O</b> field and press <b>ENTER</b>. The <a href="#">Noun Transaction Drill Down Errors Screen</a> will appear.</p> <p>Display</p>
St	<p>The status of the BOD (a full description of this status displays in the <b>Status (Description)</b> field). he status could be one of the following, as toggled with the <b>F11=ALL / F11=PENDING / F11=COMPLETED / F11=ERRORS</b> toggle function key. The status description associated with this code displays in the <b>Status</b> field based on the <b>F6=STATUS DATE/TIME / F6=NOUN/VERB/ACTION</b> toggle function key.</p> <p>Description and Status Code</p> <ul style="list-style-type: none"> <li>• <b>10</b> - BOD Ready to be Created</li> <li>• <b>20</b> - BOD Create in Process</li> <li>• <b>30</b> - BOD Created</li> <li>• <b>40</b> - BOD Sent to Gateway</li> <li>• <b>50</b> - BOD Sent to BUS</li> <li>• <b>90</b> - BOD Error</li> </ul> <p>The information is also toggled with the use of the <b>F6=STATUS DATE/TIME / F6=NOUN/VERB/ACTION</b> toggle function key.</p> <p>Display</p>

Field/Function Key	Description
Evtnt Crt	<p>The date or time when a user or process has triggered the system to create an event. This is from an add, change or delete of data from within the Distribution A+ system.</p> <p>This information is also toggled with the use of the <b>F6=STATUS DATE/TIME / F6=NOUN/VERB/ACTION</b> toggle function key.</p> <p>Display</p>
BOD Rdy	<p>The date or time when the BOD was ready to be created from the event by the mapper program in the Distribution A+ system.</p> <p>This information is also toggled with the use of the <b>F6=STATUS DATE/TIME / F6=NOUN/VERB/ACTION</b> toggle function key.</p> <p>Display</p>
BOD Crt	<p>The date or time when the BOD was created from the event by the mapper program in the Distribution A+ system.</p> <p>This information is also toggled with the use of the <b>F6=STATUS DATE/TIME / F6=NOUN/VERB/ACTION</b> toggle function key.</p> <p>Display</p>
Snt GWay	<p>The date or time when the BOD was sent from the Distribution A+ system to the Gateway for formatting and placement in the Outbox for ION retrieval.</p> <p>This information is also toggled with the use of the <b>F6=STATUS DATE/TIME / F6=NOUN/VERB/ACTION</b> toggle function key.</p> <p>Display</p>
User	<p>The user who initiated the event that triggered this job to be submitted. This information is also toggled with the use of the <b>F8=USER/PROGRAM / F8=STATUS DESC</b> toggle function key.</p> <p>Display.</p>
Program	<p>The program name that initiated the event trigger.</p> <p>This information is also toggled with the use of the <b>F8=USER/PROGRAM / F8=STATUS DESC</b> toggle function key.</p> <p>Display.</p>
F2=Time/F2=Date	<p>The <b>F2=TIME / F2=DATE</b> function key displays only if the <b>F6=STATUS DATE/TIME / F6=NOUN/VERB/ACTION</b> toggle function key is shown as <b>F6=NOUN/VERB/ACTION</b>.</p> <p>Press the <b>F2=TIME / F2=DATE</b> function key to show the time or date of the transactions.</p>

Field/Function Key	Description
F4=Verb/F4=Noun/ F4=Action	<p>The <b>F4=VERB / F4=NOUN / F4=ACTION</b> function key displays only if the <b>F6=STATUS DATE/TIME / F6=NOUN/VERB/ACTION</b> toggle function key is shown as <b>F6=STATUS DATE/TIME</b>.</p> <p>Press the <b>F4=VERB / F4=NOUN / F4=ACTION</b> toggle function key to display either the <b>Verb, Noun</b> or <b>Action</b> field on this screen. Refer to the <b>Noun / Verb / Action</b> field for details.</p>
F5=Refresh	<p>Press the <b>F5=REFRESH</b> function key to refresh the screen and update the information shown.</p>
F6=Status Date/Time / 6=Noun/Verb/Action	<p>Press the <b>F6=STATUS DATE/TIME / F6=NOUN/VERB/ACTION</b> toggle function key to display either the time and date of the transactions or the noun, verb or action of the job. Refer to the <b>Noun / Verb / Action</b> field for details.</p>
F8=User/Program / F8=Status Desc	<p>Press the <b>F8=USER/PROGRAM / F8=STATUS DESC</b> toggle function key to display either the status of the transaction you are reviewing, or the user who ran the job that created the event, or the program that created the event.</p>
F11=All/F11=Pending/ F11=Completed/ F11=Errors	<p>Press the <b>F11=ALL / F11=PENDING / F11=COMPLETED / F11=ERRORS</b> toggle function key to display all transactions, pending transactions only, completed transactions only, or only transactions that have errors.</p>
F12=Return	<p>Press the <b>F12=RETURN</b> function key to return to the <a href="#">On-Ramp Service Processor Job Detail Screen</a>.</p>
Enter	<p>Press the <b>ENTER</b> key to confirm your option in the <b>O</b> field, and if applicable, proceed to the applicable screen:</p> <p>Key <b>M</b> More Information and the <a href="#">Noun Transaction Drill Detail Screen</a> displays.</p> <p>Key <b>E</b> View Errors and <a href="#">the Noun Transaction Drill Down Errors Screen</a> displays.</p> <p>Key <b>R</b> Resubmit and the <a href="#">Resubmit Prompt Screen</a> displays.</p> <p>Key <b>S</b> Source Data and the <a href="#">Noun Transaction Source Data Drillback Screen</a> or a different transaction specific source screen displays.</p>

## Noun Transaction Drill Detail Screen

```

                                NOUN TRANSACTION DRILL DETAIL
Direction:  OutBound                User:    APDEM009
Job Desc:   ShipToPartyMaster Load  Program: ES609
Process ID:                               36029
Noun:       ShipToPartyMaster
Verb:       Sync
Action:     Replace
BOD ID:     876139
Status:     50 BOD Sent to BUS
Event Create: 19/07/13 BOD Ready for Create: 19/07/13 BOD Created: 19/07/13
Sent to Gateway: 19/07/13 Sent to BUS: 19/07/13
Document ID:          01_1_001
Company Number        01
Customer Number       0000000001
Ship-to Number        001

F2=Time                                     F12=Return

```

This screen displays after entering **Option M** to review more information about a job and pressing **ENTER** on the [Noun Transaction Drill Down Screen](#). Use this screen to review further transaction detail for a job.

**Note:** The information displayed on this screen will vary depending on the type of transaction (event).

### Noun Transaction Drill Detail Screen Fields and Function Keys

Field/Function Key	Description
Direction	The direction of the transaction: <b>Inbound</b> or <b>Outbound</b> . Ensure that Outbound BODs are published and Inbound BODs are consumed (posted) successfully. Display
User	The user who initiated the event that triggered this job to be submitted. Display
Job Desc	The description of the job that initiated this transaction. Display
Program	The program name that initiated the event trigger. Display

Field/Function Key	Description
Process ID	<p>The unique process ID assigned to the request of the record that was generated when the job was submitted.</p> <p>Display</p>
Noun	<p>The noun associated with the event that was submitted. Possible nouns include:</p> <ul style="list-style-type: none"> <li>• AccountingChart</li> <li>• AdvanceShipNotice</li> <li>• AplusWorkflow</li> <li>• BillToPartyMaster</li> <li>• BOD</li> <li>• ChartOfAccounts</li> <li>• CodeDefinition</li> <li>• ContactMaster</li> <li>• CustomerPartyMaster</li> <li>• CustomerReturn</li> <li>• FinancialCalendar</li> <li>• InventoryAdjustment</li> <li>• InventoryHold</li> <li>• Invoice</li> <li>• ItemMaster</li> <li>• Location</li> <li>• PayableTransaction</li> <li>• Person</li> <li>• PurchaseOrder</li> <li>• Quote</li> <li>• ReceivableTransaction</li> <li>• ReceiveDelivery</li> <li>• Requisition</li> <li>• SalesOrder</li> <li>• Shipment</li> <li>• ShipToPartyMaster</li> <li>• SourceSystemGLMovement</li> <li>• SupplierPartyMaster</li> </ul> <p>Display</p>

Field/Function Key	Description
Verb	<p><b>Verb</b> is the process that the BOD is being sent for (it defines the action to be taken with the Noun). Possible Verbs include:</p> <ul style="list-style-type: none"> <li>• Acknowledge</li> <li>• Confirm</li> <li>• Get</li> <li>• Load</li> <li>• Post</li> <li>• Process</li> <li>• Show</li> <li>• Sync</li> </ul> <p>Display</p>
Action	<p><b>Action</b> is what will occur for the data in the BOD. Actions include</p> <ul style="list-style-type: none"> <li>• Add</li> <li>• Change</li> <li>• Delete</li> <li>• Replace</li> </ul> <p>Display</p>
BOD ID	<p>The Unique BOD identification number.</p> <p>Display</p>
Status	<p>The status code and description of the BOD for this transaction. The status could be one of the following:</p> <ul style="list-style-type: none"> <li>• <b>10 BOD Ready to be Created</b></li> <li>• <b>20 BOD Create in Process</b></li> <li>• <b>30 BOD Created</b></li> <li>• <b>40 BOD Sent to Gateway</b></li> <li>• <b>50 BOD Sent to BUS</b></li> <li>• <b>90 BOD Error</b></li> </ul> <p>Display</p>
Event Create	<p>The date or time on which the BOD event was created, as toggled with the <b>F2=TIME</b> / <b>F2=DATE</b> toggle function key.</p> <p>Display</p>
BOD Ready for Create	<p>The date or time on which the BOD was ready to be created, as toggled with the <b>F2=TIME</b> / <b>F2=DATE</b> toggle function key.</p> <p>Display</p>

Field/Function Key	Description
BOD Created	<p>The date or time the BOD was created, as toggled with the <b>F2=TIME</b> / <b>F2=DATE</b> toggle function key.</p> <p>Display</p>
Sent to Gateway	<p>The date or time on which this BOD was sent to Gateway, as toggled with the <b>F2=TIME</b> / <b>F2=DATE</b> toggle function key.</p> <p>Display</p>
Sent to BUS	<p>The date or time when the BOD was formatted by Gateway and then placed in the Outbox for ION retrieval, as toggled with the <b>F2=TIME</b> / <b>F2=DATE</b> toggle function key.</p> <p>Display</p>
Document ID	<p>Document ID contains varying information, depending on the BOD's Noun. It is usually comprised of key information that makes the document unique in both the Distribution A+ and the interconnected systems. For example, CustomerPartyMaster has Company Number and Customer Number; ItemMaster has Item Number; SalesOrder has Company Number, Order Number, Order Generation, etc.</p> <p>BOD Error Message will display the first error message, if any. This information can be used to determine why a BOD might have failed and therefore could not be fully processed out of the Distribution A+ system to the ION.</p> <p>Display</p>
(BOD Transaction Dependent fields)	<p>Additional fields may display on this screen depending on what type of BOD Transaction is being processed. For example, the <b>Company Number</b> and <b>Customer Number</b> fields will additionally display for a CustomerPartyMaster. For a SalesOrder, the <b>Company Number</b>, <b>Order Number</b>, and <b>Order Generation</b> fields will display. There are many variations of what fields might display depending on the type of BOD Transaction that was run.</p> <p>Display</p>
F2=Time / F2=Date	<p>Press the <b>F2=TIME</b> / <b>F2=DATE</b> toggle function key to show either the date or time for the <b>Event Create</b>, <b>BOD Ready for Create</b>, <b>BOD Created</b>, <b>Sent to Gateway</b>, and <b>Sent to BUS</b> fields.</p>
F12=Return	<p>Press the <b>F12=RETURN</b> function key to return to the <a href="#">Noun Transaction Drill Down Screen</a>.</p>

## Noun Transaction Drill Down Errors Screen

NOUN TRANSACTION DRILL DOWN ERRORS

BOD ID: 365681  
 Date: 1/11/12      Time: 11:25:48  
 Process ID:                      22315

---

Sales Order Header is not shipped yetcompany= 01orderid= 01885

Last

F12=Return

This screen displays after entering **Option E** to review errors for a job and pressing **ENTER** on the [Noun Transaction Drill Down Screen](#). Use this screen to review error message(s) that were created for the job as it passed through the processor.

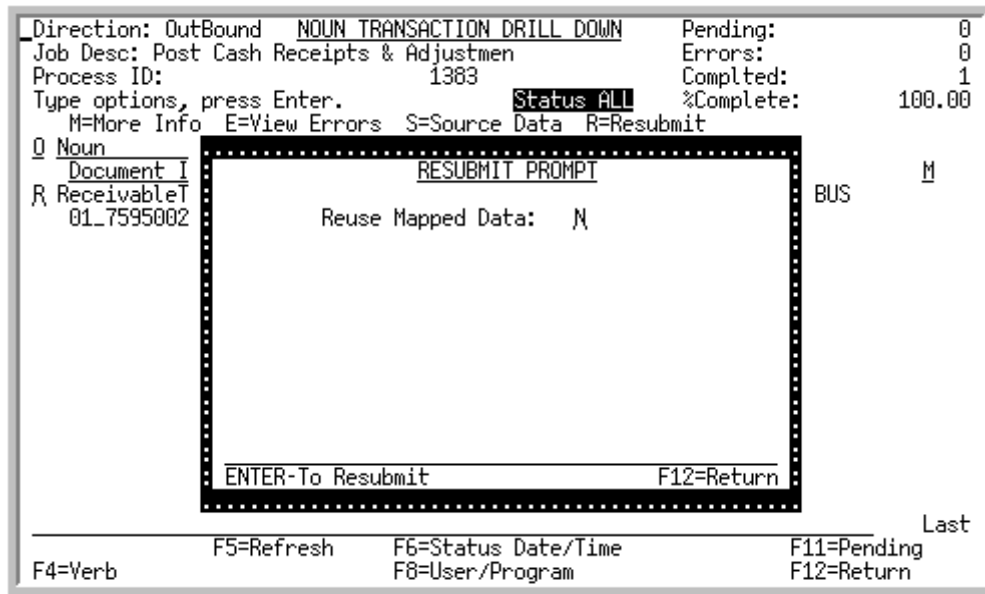
All the fields on this screen are display only and cannot be changed.

**Note:** All dates will display in the **Default Date Format** for this user, specified through Register ERP A+ User IDs (MENU XACFIG), or if that field is blank, the date using the system's **Default Date Format** specified through System Options Maintenance (MENU XAFIL).

### Noun Transaction Drill Down Errors Screen Fields and Function Keys

Field/Function Key	Description
BOD ID	The BOD ID is the unique identifier associated with the BOD when it's created in the initial load or publishing of the BODS.
Date	The date the error for this BOD was generated.
Time	The time the error for this BOD was generated.
Process ID	The unique process ID of the record that was generated when the job was submitted.
(Error)	The error message(s) that were created for the job as it passed through the processor.
F12=Return	Press the <b>F12=RETURN</b> function key to return to the <a href="#">Noun Transaction Drill Down Screen</a> .

## Resubmit Prompt Screen

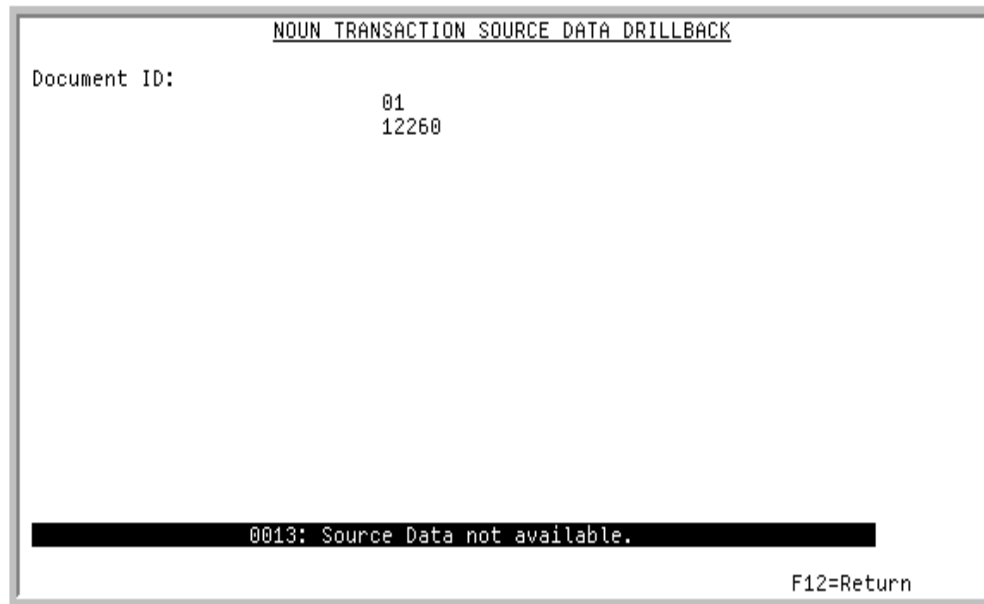


This screen displays after entering **Option R** to resubmit a transaction and pressing **ENTER** on the [Noun Transaction Drill Down Screen](#). Use this screen to resubmit/reprocess the transaction.

### Resubmit Prompt Screen Fields and Function Keys

Field/Function Key	Description
Reuse Mapped Data	<p>Key <b>Y</b> to reuse mapped data when the transaction is resubmitted. This choice will resend the failed data as is. It is a more accurate resubmission for that exact point of time. You should use <b>Y</b> when the original transmission failed and the original data still exists in the outbound BOD files. If you are processing test data, select <b>N</b>.</p> <p>Key <b>N</b> if you do not want to reuse mapped data when the transaction is resubmitted. This choice will rebuild the BOD data with the newly updated mapping information. An <b>N</b> can only be selected if the original mapped data has been purged.</p> <p>(A 1) Required</p>
F12=Return	Press <b>F12=RETURN</b> to return to the <a href="#">Noun Transaction Drill Down Screen</a> without resubmitting the transaction.
Enter-To Resubmit	Press <b>ENTER</b> to resubmit the transaction to the Extension Solution Transaction Processor for processing based on the mapping criteria.

## Noun Transaction Source Data Drillback Screen



This screen displays after entering **Option S** to view source data and pressing **ENTER** on the [Noun Transaction Drill Down Screen](#), when source data is not available. That is, when a drill-down cannot occur in Distribution A+. For example, if security on a function, such as Item Inquiry, is not authorized for the user; or, if the company, warehouse or sales rep is not authorized for the user.

Use this screen to identify the Document ID representing the key fields of the transaction that built the source data for the for the noun transaction.

### Noun Transaction Source Data Drillback Screen Fields and Function Keys

Field/Function Key	Description
Document ID	The Document ID information for the source data that is not available. Display
F12=Return	Press <b>F12=RETURN</b> to return to the <a href="#">Noun Transaction Drill Down Screen</a> .

## Chapter 3 Inbound BOD Inquiry

Use the Inbound BOD Inquiry option on the Extension Solution Main Menu (MENU ESMAN) to inquire into information pertaining to the status of inbound Business Object Documents (BODs). Through this inquiry, you will be able to:

- view an inbound BOD
- edit an inbound BOD
- post an inbound BOD
- mark an inbound BOD as resolved
- display error messages for an inbound BOD

Data through this inquiry can be limited by Noun, Verb, InBox ID, BOD ID, Create Date range, or Errors Only. You can also limit the display of the BODs to those that are pending or complete, via a toggle function key.

For more information about the Inbound BOD Inquiry, refer to the ION Integration Guide.

### Inbound BOD Inquiry

The screens and/or reports in this option and a brief description are listed in the following table. A complete description of each screen/report is contained in this section.

Title	Purpose
<a href="#">Inbound BOD Inquiry Screen</a>	Use this screen to inquire into information pertaining to the status of inbound Business Object Documents (BODs).
<a href="#">Inbound BOD Display Screen</a>	Use this screen to view an inbound BOD in detail.
<a href="#">Inbound BOD Editing/Posting Screen</a>	Use this screen to edit or post a BOD.
<a href="#">BOD Error Messages Screen</a>	Use this screen to view BOD error messages.

## Inbound BOD Inquiry Screen

<b>PENDING</b>		<b>INBOUND BOD INQUIRY</b>			Env ID: RW	
<u>BOD</u>	<u>InBox_ID</u>	<u>Crt Date/Time</u>	<u>Status</u>	<u>Err</u>		
.. ProcessCustomerPartyMaster	100	12/10/11 2:43	Post Err	Y		
.. ProcessShipToPartyMaster	31	11/17/11 8:38	Post Err	Y		
.. ProcessShipToPartyMaster	32	11/17/11 8:43	Post Err	Y		
.. ProcessShipToPartyMaster	33	11/17/11 9:19	Post Err	Y		
.. ProcessShipToPartyMaster	34	11/17/11 9:19	Post Err	Y		
.. ProcessShipToPartyMaster	35	11/17/11 9:19	Post Err	Y		
.. ProcessCustomerPartyMaster	36	11/17/11 9:19	Post Err	Y		
.. ProcessContactMaster	39	11/17/11 9:28	Post Err	Y		
.. ProcessCustomerPartyMaster	43	11/18/11 7:47	Post Err	Y		
.. ProcessContactMaster	54	11/28/11 8:31	Post Err	Y		
					More...	
<u>Actions</u>		<u>Limits</u>				
1=View	Noun? .....					
2=Edit	Verb: .....					
3=Post	InBox ID: .....					
4=Mark Resolved	BOD ID: .....					
5=Error Msgs	Crt Date From: ..... To: ..... (MMDDYY) .....					
		Errors Only: .. (Y, )				
F3=Exit F2=Completed F4=BOD ID F5=Refresh F6=Lst Date/Time F15=Post All						

This screen displays after selecting option **12** - [Inbound BOD Inquiry](#) on MENU ESMAN. Use this screen to inquire into information pertaining to the status of inbound Business Object Documents (BODs). Through this screen, you will be able to:

- view an inbound BOD
- edit an inbound BOD
- post an inbound BOD
- mark an inbound BOD as resolved
- display error messages for an inbound BOD

Data displayed on this screen can be limited by Noun, Verb, InBox ID, BOD ID, Create Date range, or Errors Only. You can also limit the display of the BODs to those that are pending or complete, via a toggle function key.

### Note:

- This is a roll screen. More... appears at the bottom of a roll screen to indicate that more data is available for viewing. Last appears at the bottom of the last screen of data. To scroll through information on roll screens press:
  - \*PAGE DOWN or SHIFT-ROLL FWD or F7=PAGE DOWN to display the next screen
  - \*PAGE UP or SHIFT-ROLL BACK or F8=PAGE UP to display the previous screen.

### Inbound BOD Inquiry Screen Fields and Function Keys

Field/Function Key	Description
Mode	<p>The BODs shown on this screen are either <b>PENDING</b> or <b>COMPLETE</b>, as toggled with the <b>F2=COMPLETED / F2=PENDING</b> toggle function key.</p> <p>Display</p>
Env ID	<p>The environment of the Inbound BOD(s).</p> <p>Display</p>
(Actions)	<p>Use this field to perform an action on the indicated inbound BOD(s). Key <b>1</b> in the field(s) corresponding to the BOD(s) that you want to view in detail. The <a href="#">Inbound BOD Display Screen</a> appears.</p> <p>Key <b>2</b> in the field(s) corresponding to the BOD(s) that you want to edit. The <a href="#">Inbound BOD Editing/Posting Screen</a> appears, if the selected BOD was ready for editing. If the BOD is not yet ready for editing, a message line displays. Correct any errors with the BOD and try to edit again.</p> <p>Key <b>3</b> in the field(s) corresponding to the BOD(s) that you want to post. The <a href="#">Inbound BOD Editing/Posting Screen</a> appears. To post all BODs, press the <b>F15=POST ALL</b> function key instead.</p> <p>Key <b>4</b> in the field(s) corresponding to the BOD(s) that you want to mark as resolved. A message line displays across the middle of the screen indicating “<b>Are you sure you want to mark the selected BODs resolved?</b>” and prompts with <b>(Y,N)</b>. Key <b>N</b> if you no longer want to mark the selected BODs resolved, and press <b>ENTER</b>. The <b>Status</b> field will remain the same. Key <b>Y</b> to mark the selected BODs resolved, and press <b>ENTER</b>. The <b>Status</b> field will now indicate Mark Resolved (<b>Mrk Resolv</b>) for the selected BODs.</p> <p><b>Note:</b> You must be authorized to Application Action Authority (MENU XASCTY) <b>ES Allow mark Resolved Inbound BOD</b> to complete this action.</p> <p>Key <b>5</b> in the field(s) corresponding to the BOD(s) that you want to display error messages for, if any exist. The <b>Err</b> field indicates if an error message is associated with the BOD. The <a href="#">BOD Error Messages Screen</a> appears.</p> <p>(N 1,0) Optional</p>
BOD	<p>The BOD object (Business Document Name), which consists of a Verb and Noun. For example, if the BOD is <b>ProcessCustomerPartyMaster</b>, the Verb is <b>Process</b>, and the Noun is <b>CustomerPartyMaster</b>.</p> <p>Display</p>

Field/Function Key	Description
InBox ID	<p>The ID of this BOD in the ERP Inbox.</p> <p>This information is also toggled with the use of the <b>F4=BOD ID / F4=INBOX ID</b> toggle function key.</p> <p>Display</p>
Crt Date/Time / Lst Date/Time	<p>The date and time on which the BOD event was created, or the last date and time the BOD status was changed, as toggled with the <b>F6=LST DATE/TIME / F6=CRT DATE/TIME</b> toggle function key. These values are displayed based on the date and time formats of the IBM i.</p> <p>This information is also toggled with the use of the <b>F4=BOD ID / F4=INBOX ID</b> toggle function key.</p> <p>Display</p>
Status	<p>The status of the BOD. The status could be one of the following:</p> <ul style="list-style-type: none"> <li>• <b>New</b> - New BOD</li> <li>• <b>On-Ramp Crt</b> - Submitted to On-Ramp for Group Creation</li> <li>• <b>OnRamp Pst</b> - Submitted to On-Ramp for Group Posting</li> <li>• <b>OnRamp</b> - Submitted to On-Ramp for Group Editing</li> <li>• <b>Grp Created</b> - Posting Group Created</li> <li>• <b>In Use</b> - In-Use</li> <li>• <b>Grp Edited</b> - Posting Group Edit Successful</li> <li>• <b>Edit Err</b> - Posting Group Edit Errors</li> <li>• <b>Pst TP Sbmtd</b> - Posting Group Post Submitted</li> <li>• <b>Grp Posted</b> - Posting Group Posted</li> <li>• <b>Post Err</b> - Posting Group Posting Errors</li> <li>• <b>Overriden</b> - Overridden by later version of BOD ID</li> <li>• <b>Do not Pst</b> - Do not Post</li> <li>• <b>Mrk Resolv</b> - Marked Resolve</li> <li>• <b>Batch Wait</b> - This BOD is part of a Batch, waiting for other BODs from the same Batch</li> </ul> <p>This information is also toggled with the use of the <b>F4=BOD ID / F4=INBOX ID</b> toggle function key.</p> <p>Display</p>
Err	<p><b>Y</b> displays if an error is associated with the BOD; otherwise, this field is blank.</p> <p>This information is also toggled with the use of the <b>F4=BOD ID / F4=INBOX ID</b> toggle function key.</p> <p>Display</p>

Field/Function Key	Description
BOD ID	<p>The unique BOD identification number.</p> <p>This information is also toggled with the use of the <b>F4=BOD ID / F4=INBOX ID</b> toggle function key.</p> <p>Display</p>
Action	<p>The BOD action. For example, Add, Change, Delete, Replace, etc.</p> <p>This information is also toggled with the use of the <b>F4=BOD ID / F4=INBOX ID</b> toggle function key.</p> <p>Display</p>
Limits: Noun	<p>The <b>Noun</b> follows the <b>Verb</b> as the second part of the <b>BOD</b> field.</p> <p>Use this field to limit the display of the BODs shown on this screen to only those that match the Noun entered.</p> <p>Key a valid noun to display only those BODs that match that noun. This field is case sensitive and the noun must be an exact match. There are no partial filters. Key a <b>?</b> and press <b>ENTER</b> to display the <a href="#">Noun Question Mark Window</a>.</p> <p>(A 40) Optional</p>
Limits: Verb	<p>The <b>Verb</b> is the first word shown in the <b>BOD</b> field.</p> <p>Use this field to limit the display of the BODs shown on this screen to only those that match the Verb entered.</p> <p>Key a valid verb to display only those BODs that match this Verb.</p> <p><b>Valid Values:</b> Acknowledge, Confirm, Get, Load, Post, Process, Show, Sync. This field is case sensitive and the verb must be an exact match. There are no partial filters.</p> <p>(A 30) Optional</p>
Limits: InBox ID	<p>Use this field to limit the display of the BODs shown on this screen to only those that match the InBox ID entered. There are no partial filters.</p> <p>(A 30) Optional</p>
Limits: BOD ID	<p>Use this field to limit the display of the BODs shown on this screen to only those that match the BOD ID entered. There are no partial filters.</p> <p>(A 40) Optional</p>
Limits: Crt Date From/ To range	<p>Use this field to limit the display of the BODs shown on this screen to only those that match the create from and to date entered.</p> <p>Key the date in MMDDYY format only.</p> <p>(N 6,0) Optional</p>
Limits: Errors Only	<p>Use this field to limit the display of the BODs shown on this screen to only those that have errors, if you key <b>Y</b> in this field.</p> <p>(A 1) Optional</p>

Field/Function Key	Description
F2=Completed/ F2=Pending	Press the <b>F2=COMPLETED</b> / <b>F2=PENDING</b> toggle function key to show either pending or completed BODs on this screen.
F3=Exit	Press <b>F3=EXIT</b> to return to MENU ESMAN.
F4=BOD ID	Press the <b>F4=BOD ID</b> / <b>F4=INBOX ID</b> toggle function key to display either the <b>InBox ID</b> , <b>Crt</b> or <b>Lst Date/Time</b> , <b>Status</b> , and <b>Err</b> fields on this screen, or the <b>BOD ID</b> and <b>Action</b> fields.
F5=Refresh	<p>Press the <b>F5=REFRESH</b> function key to refresh the screen and update the information shown.</p> <p>Also, if you key values in any of the <b>Limits</b> fields, you need to press <b>F5=REFRESH</b> to refresh the screen to reflect these new limits.</p>
F6=Lst Date/Time / F6=Crt Date/Time	<p>The <b>F6=LST DATE/TIME</b> / <b>F6=CRT DATE/TIME</b> function key displays on this screen only when the <b>F4=BOD ID</b> / <b>F4=INBOX ID</b> toggle function key is shown as <b>F4=BOD ID</b>.</p> <p>Press the <b>F6=LST DATE/TIME</b> / <b>F6=CRT DATE/TIME</b> toggle function key to display either the date and time on which the BOD event was created, or the last date and time the BOD status was changed.</p>
F7=Page Down / F8=Page Up	<p>More... appears at the bottom of a roll screen to indicate that more data is available for viewing. Last appears at the bottom of the last screen of data. On some roll screens, <b>F7=PAGE DOWN</b> and <b>F8=PAGE UP</b> are available for use but do not display.</p> <p>Use the <b>F7=PAGE DOWN</b> to display the next screen of information on a roll screen. The <b>PAGE DOWN</b> or <b>SHIFT-ROLL FWD</b> function keys perform the same task.</p> <p>Use the <b>F8=PAGE UP</b> to display the previous screen of information on a roll screen. The <b>PAGE UP</b> or <b>SHIFT-ROLL BACK</b> function keys perform the same task.</p>
F15=Post All	<p>The <b>F15=POST ALL</b> function key displays only if you are viewing pending BODs, as toggled with the <b>F2=COMPLETED</b> / <b>F2=PENDING</b> toggle function key.</p> <p>Press the <b>F15=POST ALL</b> function key to post all BODs. The <a href="#">Inbound BOD Editing/Posting Screen</a> appears.</p>
F17=Purge	<p>The <b>F17=PURGE</b> function key displays only if you are viewing completed BODs, as toggled with the <b>F2=COMPLETED</b> / <b>F2=PENDING</b> toggle function key.</p> <p>Press the <b>F17=PURGE</b> function key to remove/delete all BODs. Completed BODs will be purged based on the value in the <b>Days to Keep Posted Groups</b> field for each BOD's Noun inbound option (as set up in <a href="#">Extension Solution Options Maintenance</a> (MENU ESFILE)).</p>

Field/Function Key	Description
Enter	<p>Press the <b>ENTER</b> key to confirm your action for the BOD(s), and, if applicable, proceed to the applicable screen.</p> <p>Key <b>1</b> View Information and the <a href="#">Inbound BOD Display Screen</a> displays.</p> <p>Key <b>2</b> Edit Information and the <a href="#">Inbound BOD Editing/Posting Screen</a> displays.</p> <p>Key <b>3</b> Post Information and the <a href="#">Inbound BOD Editing/Posting Screen</a> displays.</p> <p>Key <b>4</b> Mark Resolved. The <b>Status</b> field will now indicate <b>Mrk Resolv</b> for the selected BODs.</p> <p>Key <b>5</b> Error Messages and the <a href="#">BOD Error Messages Screen</a> displays.</p>

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## Inbound BOD Display Screen

INBOUND BOD DISPLAY

ProcessCustomerPartyMaster  
 InBox ID: 34  
 BOD ID: 92560505-f9e9-4514-b592-6d5583883d25:2c1  
 Date: 11/02/11 Time: 12:00

Component ID: infor.icb.icb\_on\_usegvwhud1  
 Action: Change  
 Status: Group Posted  
 Message ID: 2C10E3E2-F64B-4689-8AA5-E35382F67D19  
 Batch ID: Rev: 000  
 Batch Seq: 00000 Batch Size: 00000

F2=Header                      F4=Details                      F12=Return

This screen displays after selecting action **1=View**, on the [Inbound BOD Inquiry Screen](#), in the fields corresponding to the BOD(s) that you want to view in detail. Use this screen to view an inbound BOD in detail. If you selected more than one BOD to view, press **F12=RETURN** to review the next BOD you selected. The information on the screen will be updated with the next BOD. When you have finished reviewing all selected BODs, pressing **F12=RETURN** will return you to the [Inbound BOD Display Screen](#).

### Inbound BOD Display Screen Fields and Function Keys

Field/Function Key	Description
(BOD)	The Business Object Document verb and noun of the BOD(s) you selected to view on the <a href="#">Inbound BOD Inquiry Screen</a> . Display
InBox ID	The ID of this BOD in the ERP Inbox. Display
BOD ID	The BOD ID is the unique identifier associated with the BOD when it's created in the initial load or publishing of the BODS. Display
Date	The date on which the BOD event was created. Display

Field/Function Key	Description
Time	The time on which the BOD event was created. Display
Component ID	The component ID defined for this BOD through the <a href="#">On-Ramp Server Processor Configuration</a> option (MENU ESFILE) when setting up your system options. The Component ID represents the function that the business application that issued the BOD is representing. Display
Action	The BOD action. For example, Add, Change, Delete, Replace, etc. Display
Status	The status of the BOD. The status could be one of the following: <ul style="list-style-type: none"> <li>• <b>New</b> - New BOD</li> <li>• <b>On-Ramp Crt</b> - Submitted to On-Ramp for Group Creation</li> <li>• <b>OnRamp Pst</b> - Submitted to On-Ramp for Group Posting</li> <li>• <b>OnRamp</b> - Submitted to On-Ramp for Group Editing</li> <li>• <b>Grp Created</b> - Posting Group Created</li> <li>• <b>In Use</b> - In-Use</li> <li>• <b>Grp Edited</b> - Posting Group Edit Successful</li> <li>• <b>Edit Err</b> - Posting Group Edit Errors</li> <li>• <b>Pst TP Sbmtd</b> - Posting Group Post Submitted</li> <li>• <b>Grp Posted</b> - Posting Group Posted</li> <li>• <b>Post Err</b> - Posting Group Posting Errors</li> <li>• <b>Overriden</b> - Overridden by later version of BOD ID</li> <li>• <b>Do not Pst</b> - Do not Post</li> <li>• <b>Mrk Resolv</b> - Marked Resolve</li> <li>• <b>Batch Wait</b> - This BOD is part of a Batch, waiting for other BODs from the same Batch</li> </ul> Display
Message ID	The unique ID of the message that can be used to locate this Inbound BOD Document. Display
Batch ID	The ID of the batch associated with this Inbound BOD Document.
Rev	The revision of this Inbound BOD Document.
Batch Seq	Within the inbound transaction group, this is the sequence number of the batch subset created for processing throughput.
Batch Size	The size of the subset batch job.

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Field/Function Key	Description
F2=Header	<p>Press <b>F2=HEADER</b> to automatically run a Query and access the Display Report Screen, where you can review records in a query report for the BOD you selected. For example, if you selected the <b>CustomerPartyMaster</b> BOD, the inbound customer information will be displayed.</p> <p><b>Note:</b> The Display Report Screen is a standard IBM i Query screen. To access help for this IBM i screen, press <b>F1=HELP</b>.</p>
F4=Details	<p>The <b>F4=DETAILS</b> function key appears based on the BOD you selected, when additional detail information exists.</p> <p>Press <b>F4=DETAILS</b> to automatically run a Query and access the Display Report Screen, where you can review records in a query report for the BOD you selected. For example, if you selected the <b>CustomerPartyMaster</b> BOD, the inbound customer contacts (if any) will be listed.</p> <p><b>Note:</b> The Display Report Screen is a standard IBM i query screen. To access help for this IBM i screen, press <b>F1=HELP</b>.</p>
F12=Return	<p>If you selected more than one BOD to view on the <a href="#">Inbound BOD Inquiry Screen</a>, press <b>F12=RETURN</b> to review the next BOD you selected. The information on the screen will be updated with the next BOD. When you have finished reviewing all selected BODs, pressing <b>F12=RETURN</b> will return you to the <a href="#">Inbound BOD Inquiry Screen</a>.</p>

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## Inbound BOD Editing/Posting Screen

INBOUND BOD POSTING

SyncInventoryAdjustment

Report Output Queue:            QUEUE.....

Post Job Template Name:        .IAMAIN3,...     Format: OB\_IA601P

Submit to On-Ramp Processor: N (Y/N)

F12=Cancel

The title of this screen displays as Inbound BOD Editing after selecting action **2=Edit**, on the Inbound BOD Inquiry Screen, in the fields corresponding to the BOD(s) that you want to edit. The title of this screen displays as Inbound BOD Posting after selecting action **3=Post**, on the [Inbound BOD Inquiry Screen](#), in the fields corresponding to the BOD(s) that you want to post. The fields on this screen are the same, with the exception of the **Post Job Template Name** field, which applies to certain post jobs only.

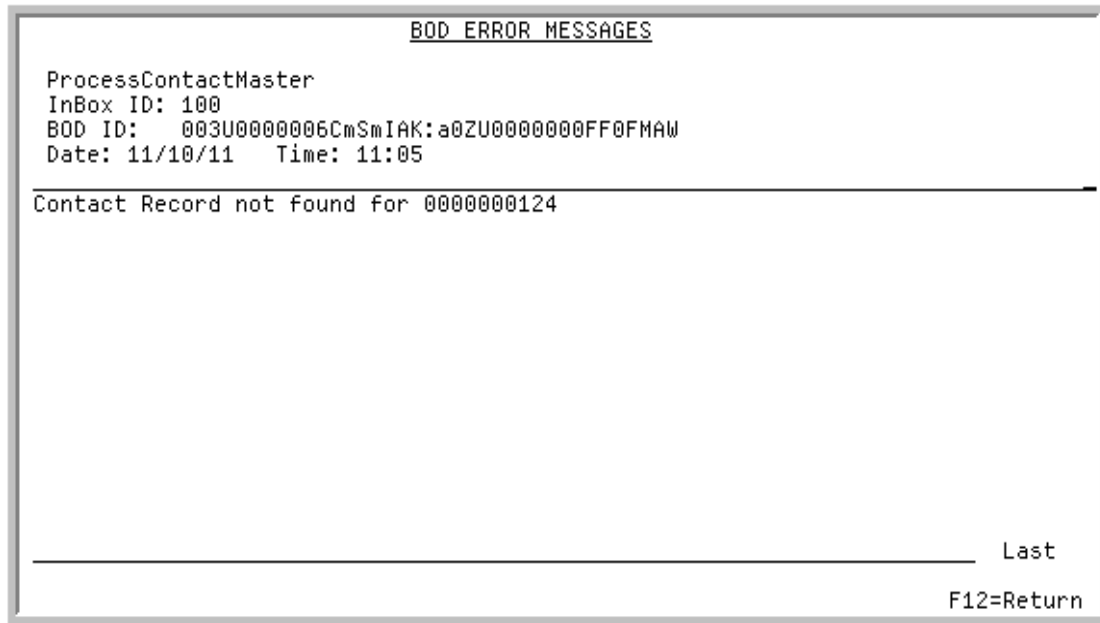
Use this screen to edit or post a BOD. If you selected more than one BOD to edit or post on the [Inbound BOD Display Screen](#), you will be presented with one Edit or Post screen for each BOD when you press **ENTER**. The information on the screen will be updated with the next BOD. When you have finished editing or posting all selected BODs, pressing **ENTER** will then return you to the previous screen.

### Inbound BOD Editing/Posting Screen Fields and Function Keys

Field/Function Key	Description
(BOD)	The Business Document Name of the BOD(s) you selected to edit or post on the <a href="#">Inbound BOD Inquiry Screen</a> . Display

Field/Function Key	Description
Report Output Queue	<p>This field indicates the output queue to be used for reports generated when BODs are edited or posted.</p> <p>Key the report output queue to which BOD output reports will be sent when edited or posted.</p> <p><b>Default Value:</b> the report output queue assigned through <a href="#">Extension Solution Options Maintenance</a> (MENU ESFILE) for inbound BODs.</p> <p><b>Valid Values:</b> A valid output queue defined on the IBM i.</p> <p>(A 10) Optional</p>
Post Job Template Name	<p>This field only displays for BOD types that are group posting jobs which will post through the Distribution A+ transaction processor.</p> <p>Key the job template name you want used for this post job.</p> <p><b>Default Value:</b> The <b>Post Job Template Name</b> assigned through <a href="#">Extension Solution Options Maintenance</a> (MENU ESFILE) for inbound BODs.</p> <p><b>Valid Values:</b> A valid job template for this type of transaction as defined through Job Templates Maintenance (MENU XAFILE).</p> <p>(A 10) Optional</p>
Submit to On-Ramp Processor	<p>Use this field to determine if you want the edit or post submitted to the On- Ramp Processor.</p> <p>Key <b>Y</b> to have the edit or post submitted for processing.</p> <p>Key <b>N</b> to not have the edit or post submitted to the On-Ramp Processor. The job will run interactively on your screen.</p> <p><b>Default Value:</b> N</p> <p>(A 1) Required</p>
F12=Cancel	<p>Press <b>F12=CANCEL</b> to return to the <a href="#">Inbound BOD Inquiry Screen</a>, without performing an edit or a post.</p>
Enter	<p>Press <b>ENTER</b> to confirm your entries. Editing or posting is completed or submitted to the processor, if the <b>Submit to On-Ramp Processor</b> field is <b>Y</b> on this screen. You will then be returned to the previous screen.</p> <p>If you selected more than one BOD to edit or post, you will be presented with one Edit or Post screen for each BOD when you press <b>ENTER</b>. The information on the screen will be updated with the next BOD. When you have finished editing or posting all selected BODs, pressing <b>ENTER</b> will then return you to the <a href="#">Inbound BOD Inquiry Screen</a>.</p>

## BOD Error Messages Screen



This screen displays after selecting action **5=Error Msgs**, on the [Inbound BOD Inquiry Screen](#), in the fields corresponding to the BODs that you want to view error messages for, if any exist. Use this screen to view BOD error messages. If you selected more than one BOD to view error messages for, press **ENTER** to review the next BOD you selected. The information on the screen will be updated with the next BOD. When you have finished reviewing all selected BODs, pressing **ENTER** will return you to the previous screen.

**Note:** This is a roll screen. **More...** appears at the bottom of a roll screen to indicate that more data is available for viewing. **Last** appears at the bottom of the last screen of data. To scroll through information on roll screens press:

- **\*PAGE DOWN** or **SHIFT-ROLL FWD** or **F7=PAGE DOWN** to display the next screen
- **\*PAGE UP** or **SHIFT-ROLL BACK** or **F8=PAGE UP** to display the previous screen.

### BOD Error Messages Screen Fields and Function Keys

Field/Function Key	Description
(BOD Type)	The Business Document Name of the BOD you selected to view errors for on the <a href="#">Inbound BOD Inquiry Screen</a> . Display
InBox ID	The ID of this BOD in the ERP Inbox. Display

Field/Function Key	Description
BOD ID	The unique BOD identification number. Display
Date	The date on which the BOD event error message occurred. Display
Time	The time on which the BOD event error message occurred. Display
(Error)	The error associated with the BOD. Processing stops when an error is found, therefore this represents the first error message found. Display
F7=Page Down / F8=Page Up	<p>More... appears at the bottom of a roll screen to indicate that more data is available for viewing. Last appears at the bottom of the last screen of data. On some roll screens, <b>F7=PAGE DOWN</b> and <b>F8=PAGE UP</b> are available for use but do not display.</p> <p>Use the <b>F7=PAGE DOWN</b> to display the next screen of information on a roll screen. The <b>PAGE DOWN</b> or <b>SHIFT-ROLL FWD</b> function keys perform the same task.</p> <p>Use the <b>F8=PAGE UP</b> to display the previous screen of information on a roll screen. The <b>PAGE UP</b> or <b>SHIFT-ROLL BACK</b> function keys perform the same task.</p>
F12=Return	Press <b>F12=RETURN</b> to return to the previous screen, without performing a function on this screen.
Enter	<p>Press <b>ENTER</b> after viewing the error message associated with the BOD. You will be returned to the previous screen.</p> <p>If you selected more than one BOD to view error messages for, press <b>ENTER</b> to review the next BOD you selected. The information on the screen will be updated with the next BOD. When you have finished reviewing all selected BODs, pressing <b>ENTER</b> will return you to the previous screen.</p>

## Chapter 4 Extension Solution Options Maintenance

Infor applications integrate by establishing an exchange of Business Object Documents (BODs). These BODs use logical IDs, tenants, accounting entities and locations to identify the system that sends messages and the system that receives messages. Before you begin the integration process, you need to determine how Distribution A+ environments, companies, and locations relate to these definitions for BOD-enabled applications.

Use [Extension Solution Options Maintenance](#) (MENU ESFILE) to set up and maintain system, company, warehouse, and BOD options for the Extension Solution module. Note that you must first set up system options prior to company, warehouse, and BOD options.

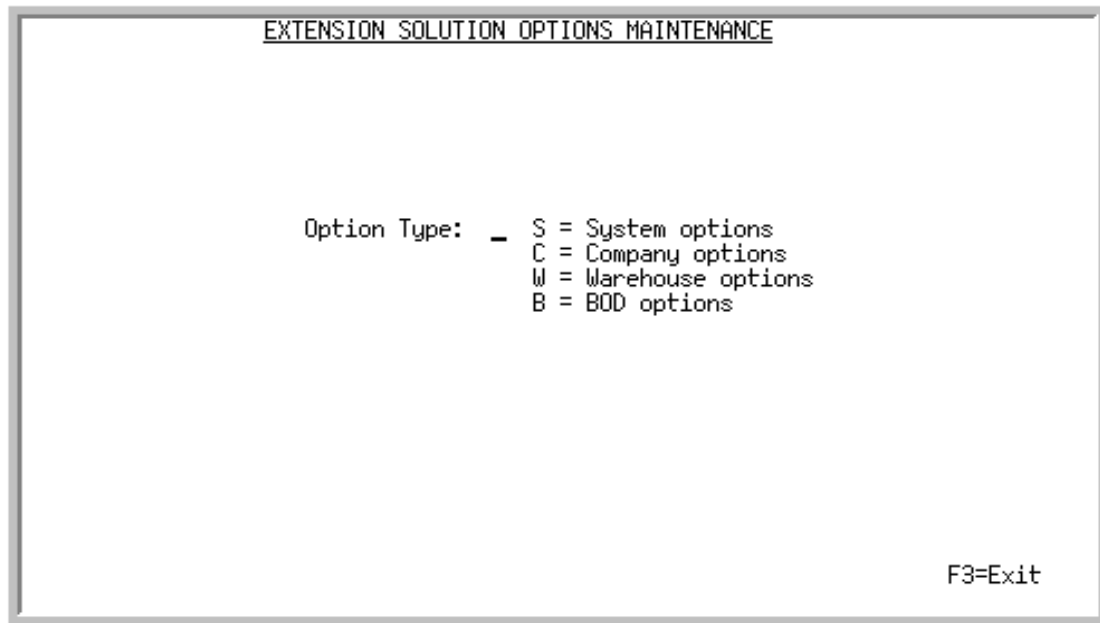
### Extension Solution Options Maintenance

The screens and/or reports in this option and a brief description are listed in the following table. A complete description of each screen/report is contained in this section.

Title	Purpose
<a href="#">Extension Solution Options Maintenance Screen</a>	Used to select the type of options you are setting up or maintaining (system, company, warehouse, or BOD).
<a href="#">Extension Solution System Options Maintenance Screen</a>	Used to set up system options for Extension Solution.
<a href="#">Extension Solution Company Options Maintenance - Selection Screen</a>	Used to select the company number for which you are adding or changing company options for Extension Solution.
<a href="#">Extension Solution Company Options Maintenance - Listing Screen</a>	Used to view a list of the company numbers for which options have been defined for Extension Solution.
<a href="#">Extension Solution Company Options Maintenance Screen</a>	Used to set up company options for Extension Solution for the indicated company.

Title	Purpose
<a href="#">Extension Solution Warehouse Options Maintenance - Selection Screen</a>	Used to select the warehouse number for which you are adding or changing warehouse options for Extension Solution.
<a href="#">Extension Solution Warehouse Options Maintenance - Listing Screen</a>	Used to view a list of the company numbers for which options have been defined for Extension Solution.
<a href="#">Extension Solution Warehouse Options Maintenance Screen</a>	Used to set up warehouse options for Extension Solution for the indicated warehouse.
<a href="#">Extension Solution BOD Options Maintenance Screen</a>	Used to select the type of option (outbound or inbound direction) for which you are adding or changing BOD options for Extension Solution.
<a href="#">Extension Solution Outbound BOD Options Maintenance - Selection Screen</a>	Used to identify the Noun or Noun/Verb for the outbound BOD.
<a href="#">Extension Solution Outbound BOD Options Maintenance - Listing Screen</a>	Used to view a list of Nouns/Verbs for which outbound BOD options have been defined for Extension Solution.
<a href="#">Extension Solution Outbound BOD Options Maintenance Screen</a>	Used to further define or maintain outbound BOD options.
<a href="#">Extension Solution Inbound BOD Options Maintenance - Selection Screen</a>	Used to set up inbound BOD options for Extension Solution.
<a href="#">Extension Solution Inbound BOD Options Maintenance - Listing Screen</a>	Used to view a list of Nouns/Verbs for which inbound BOD options have been defined for Extension Solution.
<a href="#">Extension Solution Inbound BOD Options Maintenance Screen</a>	Used to further define or maintain inbound BOD options.

## Extension Solution Options Maintenance Screen



This screen displays after selecting option **1** - [Extension Solution Options Maintenance](#) on MENU ESFILE. Use this screen to select the type of options you are setting up or maintaining (system, company, warehouse, or BOD).

### Extension Solution Options Maintenance Screen Fields and Function Keys

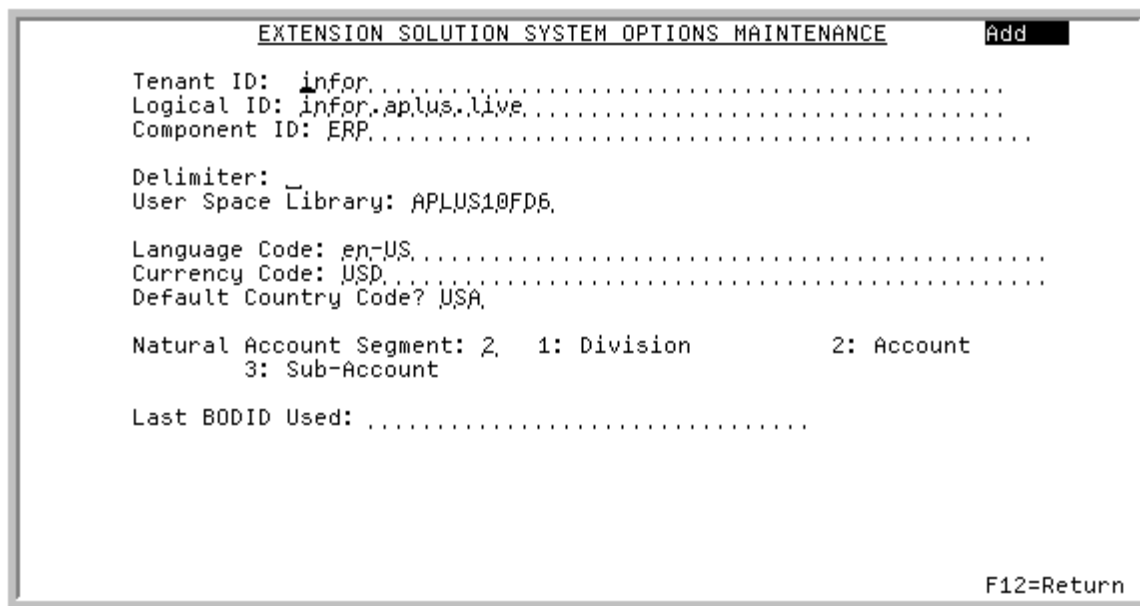
Field/Function Key	Description
Option Type	Use this field to select the type of options you are setting up or maintaining (system, company, warehouse, or BOD). Key <b>S</b> to set up or maintain system options. Key <b>C</b> to set up or maintain company options. Key <b>W</b> to set up or maintain warehouse options. Key <b>B</b> to set up or maintain BOD options. (A 1) Required
F3=Exit	Press the <b>F3=EXIT</b> function key to return to MENU ESFILE.

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Field/Function Key	Description
Enter	<p>Press the <b>ENTER</b> key to confirm your entry and proceed to the next screen.</p> <p>If you entered <b>S</b>, the <a href="#">Extension Solution System Options Maintenance Screen</a> will appear.</p> <p>If you entered <b>C</b>, the <a href="#">Extension Solution Company Options Maintenance - Selection Screen</a> will appear.</p> <p>If you entered <b>W</b>, the <a href="#">Extension Solution Warehouse Options Maintenance - Selection Screen</a> will appear.</p> <p>If you entered <b>B</b>, the <a href="#">Extension Solution BOD Options Maintenance Screen</a> will appear.</p>

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## Extension Solution System Options Maintenance Screen



This screen displays after selecting **Option Type S** for system options on the [Extension Solution Options Maintenance Screen](#). Use this screen to set up system options for Extension Solution.

### Extension Solution System Options Maintenance Screen Fields and Function Keys

Field/Function Key	Description
(Mode)	The mode you are in: <b>Add</b> displays if you are adding system options for the first time; <b>Change</b> displays if you are maintaining an existing system option record. If you are adding a new system option record, it cannot already exist for another base and/or environment.  Display
Tenant ID	In BOD-enabled applications, the tenant is the top-level container for the accounting entities and locations. The tenant is required for each BOD. The value in this field must be the same across all applications that work together. No data is ever shared or accessible between two tenants, and this is useful in environments where more than one customer is sharing an enterprise software deployment, such as hosting. For example, tenant could be the name of your company, such as <b>infor</b> .  Key the Tenant ID. This value should be the tenant value that is used in the ION Routing Model. Note that you cannot key a tenant ID that already exists for a different base and/or environment.  (A 50) Optional

Field/Function Key	Description
Logical ID	<p>Key a unique Logical ID, used to uniquely identify an instance of legacy software. The value in this field must match the Logical ID specified in the Distribution A+ application defined in the ION Model Connection Points.</p> <p>In BOD-enabled applications, the Logical ID is a number or name that identifies an instance of the core product Inbound/Outbound database. For Distribution A+, the Logical ID is defined as <b>Tenant ID.application type.application</b> instance; 3 values separated by a period. The Distribution A+ application type is <b>aplus</b> and the application instance must be a unique name or number that no other Infor application instance that Distribution A+ is integrating to is using. For example, Logical ID may be defined as <b>infor.aplus.live</b> or <b>infor.aplus.BBEE</b> where BB is the Base ID and EE is the environment ID.</p> <p>(A 50) Required</p>
Component ID	<p>This is the Component ID defined for your system. A component is an application sub-process that is a logical grouping of functionality, possibly the type of business represented such as distribution or enterprise resource planning.</p> <p>Key the Component ID.</p> <p>(A 50) Required</p>
Delimiter	<p>This field is used when assembling a Document ID of a Noun in cases when it has to combine more than one value that is part of unique document identification in Distribution A+. For example, if Delimiter is “_” then for a customer 100 in company 01, a Document ID in Sync CustomerMaster BOD will be 01_100.</p> <p>Key the Delimiter. This value cannot be changed once BODs have been exchanged with other Distribution A+ application(s).</p> <p><b>Default Value:</b> _</p> <p><b>Valid Values:</b> A unique character that is not used as a data character in any other field</p> <p>(A 1) Required</p>
User Space Library	<p>Key the name of an IBM i library that will be used by Commerce Gateway to create User Space Type Objects (a temporary storage of Inbound BOD Data, where it will be located and processed by the On-Ramp Service Processor).</p> <p>(A 10) Required</p>
Language Code	<p>Key a valid ISO Language Code. An ISO is a set of standards by the International Organization for Standardization. Refer to <a href="#">Suggested Standards for Common Values</a> for suggested language codes.</p> <p>(A 50) Required</p>

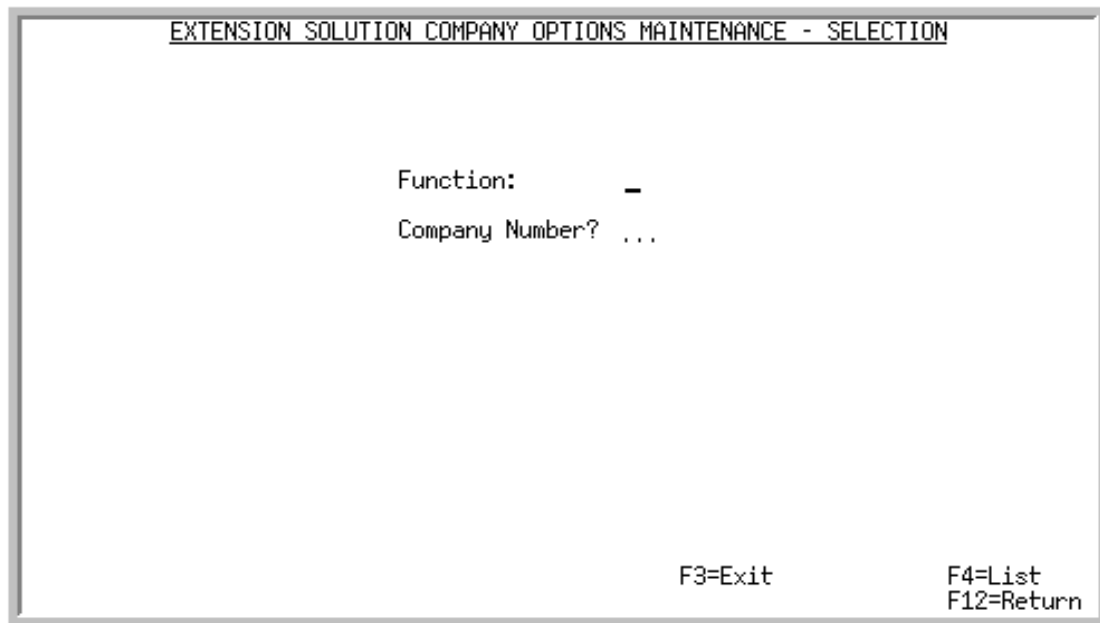
Field/Function Key	Description
Currency Code	<p>Key a valid ISO Currency Code. An ISO is a set of standards by the International Organization for Standardization. This currency code is not conditioned on the existence of Distribution A+ International Currency. The currency code is always included in BOD processing. This system level currency code is used as the default currency when a lower level company specific currency code is not found.</p> <p>Refer to <a href="#">Suggested Standards for Common Values</a> for suggested currency codes.</p> <p>(A 50) Required</p>
Default Country Code	<p>Key the Country Code that will be used in BODs for the Country Code element.</p> <p><b>Valid Values:</b> a valid code defined through Country Names Maintenance (MENU ARFIL2).</p> <p>(A 3) Required</p>
Natural Account Segment	<p>This field displays only if Distribution A+ General Ledger is live. This field is used to identify the segment of the Distribution A+ General Ledger account number that will be used as the <b>Natural Account</b> based on the G/L Account Number set-up defined in G/L Options Maintenance (MENU GLFIL2).</p> <p><b>Valid Values:</b> 1 - 5 as defined through G/L Options Maintenance (MENU GLFIL2)</p> <p>(N 1,0) Required</p>
Last BODID Used	<p>This is the last BOD identification number that was used for Outbound BODs published by this Tenant.</p> <p>This value is calculated by the system, but can be changed, if needed (for example, if the file is purged).</p> <p>(N 31,0) Optional</p>
Active	<p>The <b>Active</b> flag displays after <a href="#">Activate Extension Solution</a> (MENU ESMASST) is processed once the completion of all required setup steps to configure Distribution A+ to generate and consume BODs.</p> <p>Key <b>N</b> to stop the BOD communication process. This would be used, for example, to stop the transmission of BODS in a test environment when the test environment was refreshed from a live environment.</p> <p>Key <b>Y</b> to restart the BOD communication process.</p> <p><b>Note:</b> The initial activation process must be completed through <a href="#">Activate Extension Solution</a> (MENU ESMASST) before this field can be used.</p> <p>(A 1) Required</p>
F12=Return	<p>Press the <b>F12=RETURN</b> function key to return to the <a href="#">Extension Solution Options Maintenance Screen</a>, without updating this screen.</p>

---

Field/Function Key	Description
Enter	Press the <b>ENTER</b> key to confirm your entries and return to the <a href="#">Extension Solution Options Maintenance Screen</a> .

---

## Extension Solution Company Options Maintenance - Selection Screen



This screen displays after selecting Option Type **C** for company options on the [Extension Solution Options Maintenance Screen](#). Use this screen to select the company number for which you are adding or changing company options for Extension Solution. Repeat this process for each company that will exchange data with other Infor application(s).

**Note:** System options must be set up prior to company options.

### Extension Solution Company Options Maintenance - Selection Screen Fields and Function Keys

Field/Function Key	Description
Function	<p>Use this field to select the function you are performing.</p> <p>Key <b>A</b> to add company options for Extension Solution. If you are adding a new company option record, it cannot already exist for another base and/or environment.</p> <p>Key <b>C</b> to change existing company options already defined for Extension Solution.</p> <p>(A 1) Required</p>

Field/Function Key	Description
Company Number	Use this field to select the company number for which options will be added or changed. Key the number of the company. <b>Valid Values:</b> A valid company number defined through Company Name Maintenance (MENU XAFILE), which you are authorized to access through Authority Profile Maintenance (MENU XASCTY). (N 2,0) Required
F3=Exit	Press the <b>F3=EXIT</b> function key to return to MENU ESFILE.
F4=List	Press the <b>F4=LIST</b> function key to view a list of company numbers for which options have been defined for Extension Solution. The <a href="#">Extension Solution Company Options Maintenance - Listing Screen</a> will appear.
F12=Return	Press the <b>F12=RETURN</b> function key to return to the <a href="#">Extension Solution Options Maintenance Screen</a> , without updating this screen.
Enter	Press the <b>ENTER</b> key to confirm your entry. The <a href="#">Extension Solution Company Options Maintenance Screen</a> will appear.

## Extension Solution Company Options Maintenance - Listing Screen

```

EXTENSION SOLUTION COMPANY OPTIONS MAINTENANCE - LISTING

  Co Name
1  1 A & C Office Supply
2  2 B & B Office Supply
3  3 The Office Connection

Selection: _ .

Last
F12=Return
    
```

This screen displays after pressing **F4=LIST** on the [Extension Solution Company Options Maintenance - Selection Screen](#). Use this screen to view a list of the company numbers for which options have been defined for Extension Solution.

### Extension Solution Company Options Maintenance - Listing Screen Fields and Function Keys

Field/Function Key	Description
(Reference Number)	This is the reference number associated with the corresponding company. Use this number to select the corresponding company (that you want to maintain options for) by keying this number in the <b>Selection</b> field. Display
Co	This field displays the company number for which options have previously been defined. Display
Name	This field displays the description of the company for which options have previously been defined. Display

---

Field/Function Key	Description
Selection	Use this field to select a company. Key the corresponding <b>Reference Number</b> of the company you want to select and press <b>ENTER</b> . (N 2,0) Optional
F12=Return	Press the <b>F12=RETURN</b> function key to return to the <a href="#">Extension Solution Company Options Maintenance - Selection Screen</a> , without making a selection on this screen.
Enter	Press the <b>ENTER</b> key to confirm your entry. The <a href="#">Extension Solution Company Options Maintenance - Selection Screen</a> will appear. Note that if you keyed <b>C</b> in the <b>Function</b> field on the <a href="#">Extension Solution Company Options Maintenance - Selection Screen</a> and then pressed <b>F4=LIST</b> , after selecting a company on this screen, the <a href="#">Extension Solution Company Options Maintenance Screen</a> will appear instead.

---

# Extension Solution Company Options Maintenance Screen

```

EXTENSION SOLUTION COMPANY OPTIONS MAINTENANCE      Change
Company: 03 The Office Connection
Interfaced: Y
Accounting Entity ID: 03.....
Language Code: en-US.....
Currency Code: USD.....
Current Retained Earnings Account: Div.Account.Sub
                                001.0008010.000.....
                                Current Retain Earnings
Financial Dimensions:      Division:      Y      Account:      N
Sub-Account:      Y
Freight Special Charge Code: 1

F12=Return
    
```

This screen displays after selecting a company and pressing **ENTER** on the [Extension Solution Company Options Maintenance - Selection Screen](#), or after pressing **F4=LIST** on the [Extension Solution Company Options Maintenance - Listing Screen](#) if **C** was entered in the **Function** field on the Extension Solution Company Options Maintenance - Selection Screen. Use this screen to set up company options for Extension Solution for the indicated company.

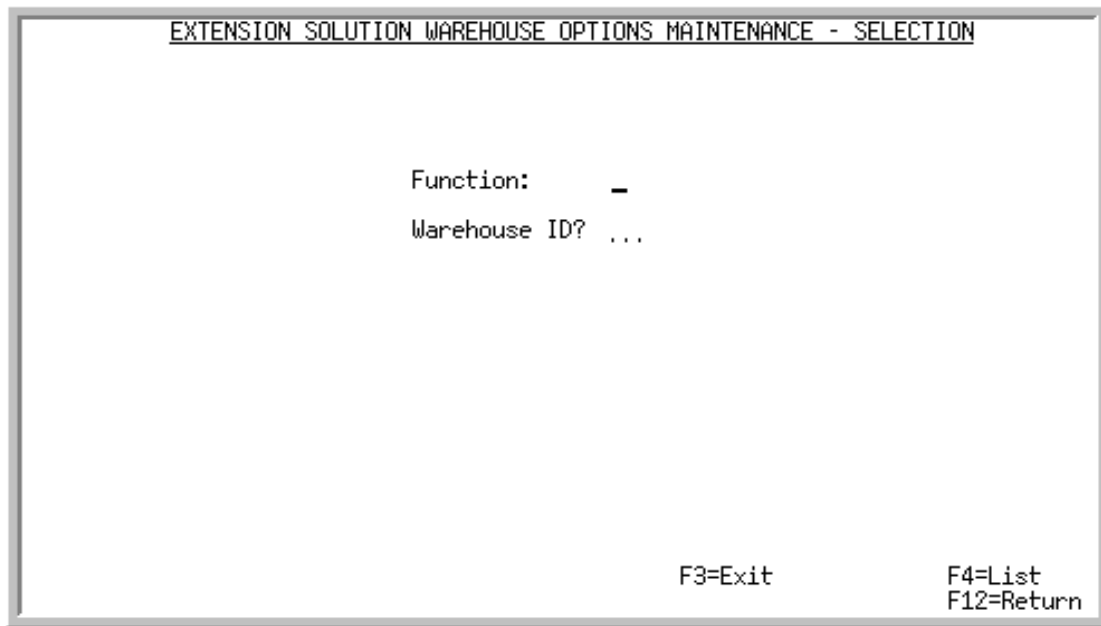
### Extension Solution Company Options Maintenance Screen Fields and Function Keys

Field/Function Key	Description
(Mode)	The mode you are in: <b>Add</b> displays if you are adding company options; <b>Change</b> displays if you are maintaining an existing company option record. Display
Company	This field displays the company you selected, for which you are adding or changing options. Display

Field/Function Key	Description
Interfaced	<p>This field indicates if data will be exchanged (interfaced) with other Infor application(s).</p> <p>Key <b>Y</b> if data will be interfaced.</p> <p>Key <b>N</b> if data will not be interfaced.</p> <p>(A 1) Required</p>
Accounting Entity ID	<p>In BOD-enabled applications, the Accounting Entity is a corporation or a subset of a corporation that is independent in regard to one or more operational functions or accounting functions. An Accounting Entity is an entity which produces a profit and loss and balance sheet from a complete, balanced set of transactions, and is often a legal entity. An Accounting Entity in Distribution A+ is defined as a company.</p> <p>Key a unique Accounting Entity ID. For example, this ID can be an abbreviation for the company, or may be the company number itself. If company 01 is Infor California, then this value could be InforCA, ICA, or 01. This value can be used in filtering of data in PM Dashboards, Metrics, and Reports, and other Distribution A+ applications.</p> <p><b>Note:</b> This value cannot be changed once BODs from the indicated company have been exchanged with other Distribution A+ application(s).</p> <p>(A 50) Optional</p>
Language Code	<p>An ISO is a set of standards by the International Organization for Standardization. Refer to <a href="#">Suggested Standards for Common Values</a> for suggested language codes.</p> <p>Key a valid ISO Language Code. This value will be used when publishing BOD's to find a cross-reference to a standard value.</p> <p>(A 50) Required</p>
Currency Code	<p>An ISO is a set of standards by the International Organization for Standardization. Refer to <a href="#">Suggested Standards for Common Values</a> for suggested currency codes.</p> <p>Key a valid ISO Currency Code. This value will be used when publishing BOD's to find a cross-reference to a standard value.</p> <p><b>Note:</b> This value will only be used when an Distribution A+ company does not have a <b>Local Currency</b> code assigned through International Currency Options Maintenance (MENU ICFILE).</p> <p>(A 50) Required</p>

Field/Function Key	Description
Current Retained Earnings Account	<p>This field displays only if Distribution A+ General Ledger is live.</p> <p>Key a valid Distribution A+ G/L account number that can be used to reference the *CRE [Current Retain Earnings in the G/L Current Retained Earnings File (<b>GLCRE</b>)] used in Distribution A+ Statements in Dashboard Metrics and Reports. This G/L account number should have an Account Type of <b>Q</b> and a <b>Normal Balance</b> of <b>C</b>.</p> <p>(N 30,0) Required, if the value for Interfaced = Y; otherwise, Optional</p>
Financial Dimensions	<p>This field displays only if Distribution A+ General Ledger is live.</p> <p>Use this field to identify the segments of the Distribution A+ G/L Account Number, other than the segment identified as the Natural Account Segment in Distribution A+ Extension Solution System Options, that can be used in PM Dashboards to further segregate Financial Data.</p> <p>Key <b>Y</b> or <b>N</b> for the <b>Segment Description</b> shown based on the G/L Account Number set-up defined in G/L Options Maintenance (MENU GLFIL2).</p> <p>The segment selected as the <b>Natural Account Segment</b> is protected and displays <b>N</b>.</p> <p>(A 1) Required, if the value for Interfaced = Y; otherwise, Optional</p>
Freight Special Charge Code	<p>Key the order level freight special charge code. This value will be used for inbound shipment.</p> <p><b>Valid Values:</b> a valid <b>Special Charge Code</b> with a <b>Special Charge Type O</b> (order) defined through Special Charge Definitions (MENU OEFILE).</p> <p>(A 1) Required, if the value for Interfaced = Y; otherwise, Optional</p>
F12=Return	<p>Press the <b>F12=RETURN</b> function key to return to the <a href="#">Extension Solution Company Options Maintenance - Selection Screen</a>, without updating this screen.</p>
Enter	<p>Press the <b>ENTER</b> key to confirm your entries, and return to the <a href="#">Extension Solution Company Options Maintenance - Selection Screen</a>.</p>

## Extension Solution Warehouse Options Maintenance - Selection Screen



This screen displays after selecting **Option Type W** for warehouse options on the [Extension Solution Options Maintenance Screen](#). Use this screen to select the warehouse number for which you are adding or changing warehouse options for Extension Solution. Repeat this process for each warehouse that will exchange data with other Infor application(s).

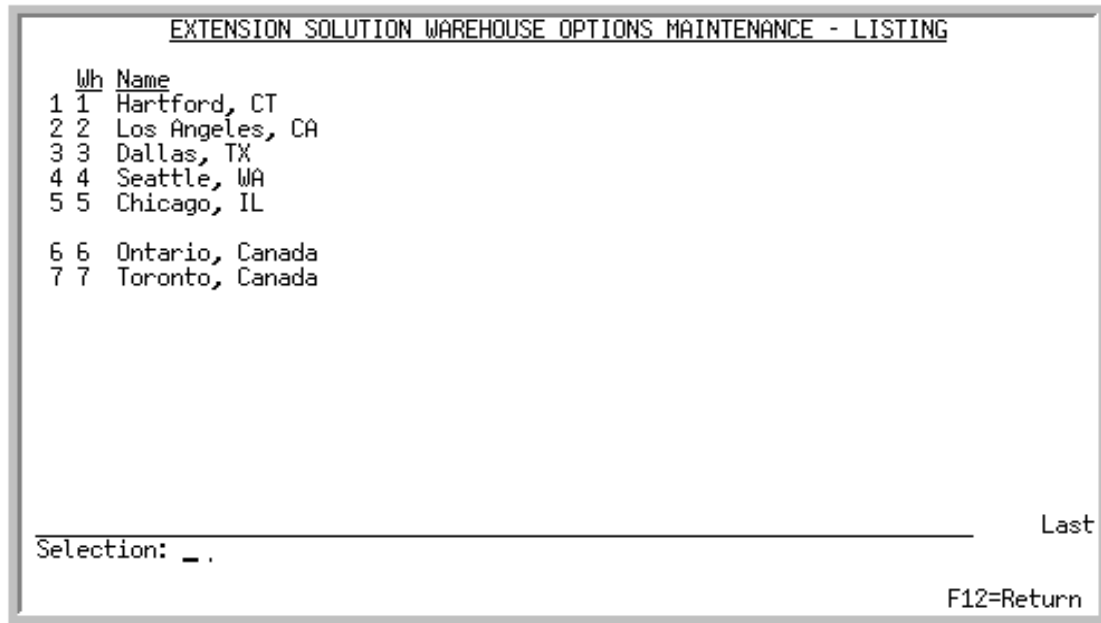
**Note:** System options must be set up prior to warehouse options.

### Extension Solution Warehouse Options Maintenance - Selection Screen Fields and Function Keys

Field/Function Key	Description
Function	<p>Use this field to select the function you are performing.</p> <p>Key <b>A</b> to add warehouse options for Extension Solution. If you are adding a new warehouse option record, it cannot already exist for another base and/or environment.</p> <p>Key <b>C</b> to change existing warehouse options already defined for Extension Solution.</p> <p>(A 1) Required</p>

Field/Function Key	Description
Warehouse ID	<p>Use this field to select the warehouse number for which options will be added or changed.</p> <p>Key the number of the warehouse.</p> <p><b>Valid Values:</b> A valid warehouse number defined through Warehouse Numbers Maintenance (MENU IAFILE), which you are authorized to access through Authority Profile Maintenance (MENU XASCTY).</p> <p>(A 2) Required</p>
F3=Exit	Press the <b>F3=EXIT</b> function key to return to MENU ESFILE.
F4=List	<p>Press the <b>F4=LIST</b> function key to view a list of warehouse numbers for which options have been defined for Extension Solution. The <a href="#">Extension Solution Warehouse Options Maintenance - Listing Screen</a> will appear.</p>
F12=Return	<p>Press the <b>F12=RETURN</b> function key to return to the <a href="#">Extension Solution Options Maintenance Screen</a>, without updating this screen.</p>

# Extension Solution Warehouse Options Maintenance - Listing Screen



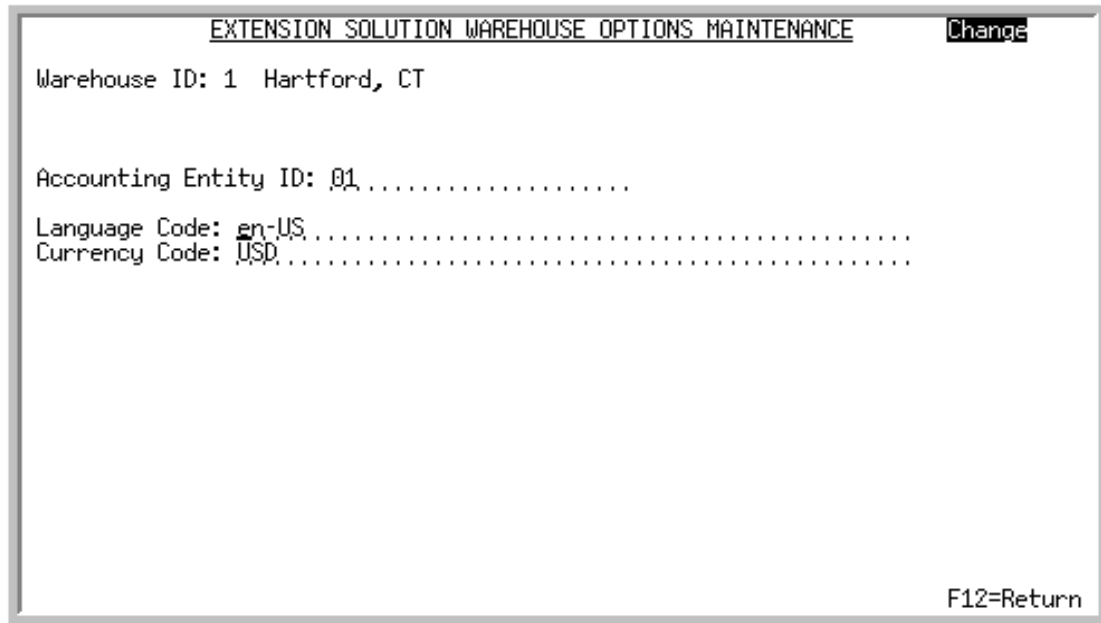
This screen displays after pressing **F4=LIST** on the [Extension Solution Warehouse Options Maintenance - Selection Screen](#). Use this screen to view a list of the warehouse numbers for which options have been defined for Extension Solution.

### Extension Solution Warehouse Options Maintenance - Listing Screen Fields and Function Keys

Field/Function Key	Description
(Reference Number)	This is the reference number associated with the corresponding warehouse. Use this number to select the corresponding warehouse (that you want to maintain options for) by keying this number in the <b>Selection</b> field. Display
Wh	This field displays the warehouse number for which options have previously been defined. Display
Name	This field displays the description of the warehouse for which options have previously been defined. Display

Field/Function Key	Description
Selection	<p>Use this field to select a warehouse. Key the corresponding <b>Reference Number</b> of the warehouse you want to select and press <b>ENTER</b>.</p> <p>(N 2,0) Optional</p>
F12=Return	<p>Press the <b>F12=RETURN</b> function key to return to the <a href="#">Extension Solution Warehouse Options Maintenance - Selection Screen</a>, without making a selection on this screen.</p>
Enter	<p>Press the <b>ENTER</b> key to confirm your entry and return to the <a href="#">Extension Solution Warehouse Options Maintenance - Selection Screen</a>.</p> <p>Note that if you keyed <b>C</b> in the <b>Function</b> field on the <a href="#">Extension Solution Warehouse Options Maintenance - Selection Screen</a> and then pressed <b>F4=LIST</b>, after selecting a warehouse on this screen, the <a href="#">Extension Solution Warehouse Options Maintenance Screen</a> will appear instead.</p>

# Extension Solution Warehouse Options Maintenance Screen



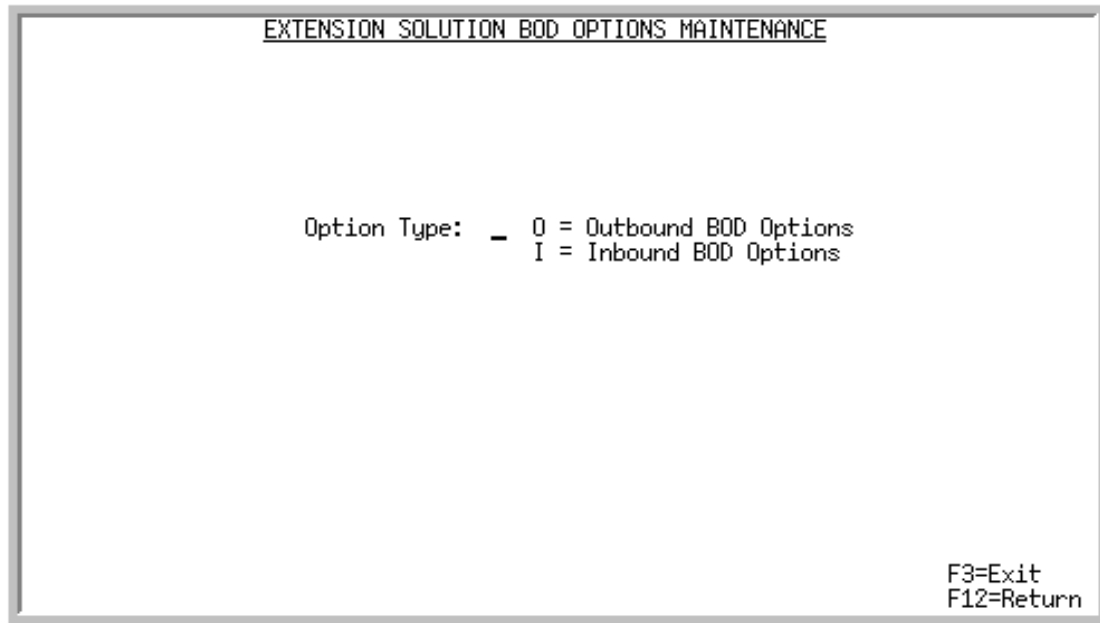
This screen displays after selecting a warehouse and pressing **ENTER** on the [Extension Solution Warehouse Options Maintenance - Selection Screen](#), or after pressing **F4=LIST** on the [Extension Solution Warehouse Options Maintenance - Listing Screen](#) if **C** was entered in the Function field on the [Extension Solution Warehouse Options Maintenance - Selection Screen](#). Use this screen to set up warehouse options for Extension Solution for the indicated warehouse.

### Extension Solution Warehouse Options Maintenance Screen Fields and Function Keys

Field/Function Key	Description
(Mode)	The mode you are in: <b>Add</b> displays if you are adding warehouse options; <b>Change</b> displays if you are maintaining an existing warehouse option record. Display
Warehouse ID	This field displays the warehouse you selected, for which you are adding or changing options. Display

Field/Function Key	Description
Accounting Entity ID	<p>This field will default to the Accounting Entity previously defined for the company that is associated with this warehouse. This field can be a unique abbreviation for the warehouse and does not have to be the warehouse number. It will have a description and be used in filtering of data in metrics and reports.</p> <p>Key a unique Accounting Entity ID.</p> <p><b>Note:</b> This value cannot be changed once documents from the indicated warehouse have been exchanged with other Distribution A+ application(s).</p> <p>(A 50) Optional</p>
Language Code	<p>Key a valid ISO Language Code. An ISO is a set of standards by the International Organization for Standardization. Refer to <a href="#">Suggested Standards for Common Values</a> for suggested language codes.</p> <p>(A 50) Required</p>
Currency Code	<p>Key a valid ISO Currency Code. An ISO is a set of standards by the International Organization for Standardization. Refer to <a href="#">Suggested Standards for Common Values</a> for suggested currency codes.</p> <p>(A 50) Required</p>
F12=Return	<p>Press the <b>F12=RETURN</b> function key to return to the <a href="#">Extension Solution Warehouse Options Maintenance - Selection Screen</a>, without updating this screen.</p>
Enter	<p>Press the <b>ENTER</b> key to confirm your entries, and return to the <a href="#">Extension Solution Warehouse Options Maintenance - Selection Screen</a>.</p>

## Extension Solution BOD Options Maintenance Screen



This screen displays after selecting **Option Type B** for BOD options) on the [Extension Solution Options Maintenance Screen](#). Use this screen to select the type of option (outbound or inbound direction) for which you are adding or changing BOD options for Extension Solution.

**Note:** System options must be set up prior to BOD options.

### Extension Solution BOD Options Maintenance Screen Fields and Function Keys

Field/Function Key	Description
Option Type	Use this field to select the type of option (outbound or inbound direction) for which you are adding or changing BOD options for Extension Solution.  Key <b>O</b> if you are adding or changing Outbound BOD options. Key <b>I</b> if you are adding or changing Inbound BOD options. (A 1) Required
F3=Exit	Press the <b>F3=EXIT</b> function key to return to MENU ESFILE.
F12=Return	Press the <b>F12=RETURN</b> function key to return to the <a href="#">Extension Solution Options Maintenance Screen</a> , without updating this screen.

Field/Function Key	Description
Enter	<p>Press the <b>ENTER</b> key to confirm your entry.</p> <p>If you selected to add or change Outbound BOD options, the <a href="#">Extension Solution Outbound BOD Options Maintenance - Selection Screen</a> will appear.</p> <p>If you selected to add or change Inbound BOD options, the <a href="#">Extension Solution Inbound BOD Options Maintenance - Selection Screen</a> will appear.</p>

## Extension Solution Outbound BOD Options Maintenance - Selection Screen

```

EXTENSION SOLUTION OUTBOUND BOD OPTIONS MAINTENANCE - SELECTION

Function: _
Noun? .....
Verb: .....

F3=Exit          F4=List
                  F12=Return
    
```

This screen displays after selecting **Option Type O** for Outbound BOD Options and pressing **ENTER** on the Extension Solution BOD Options Maintenance Screen. Use this screen to identify the Noun or Noun/Verb for the outbound BOD. This is useful when testing or debugging a Noun or Noun/ Verb.

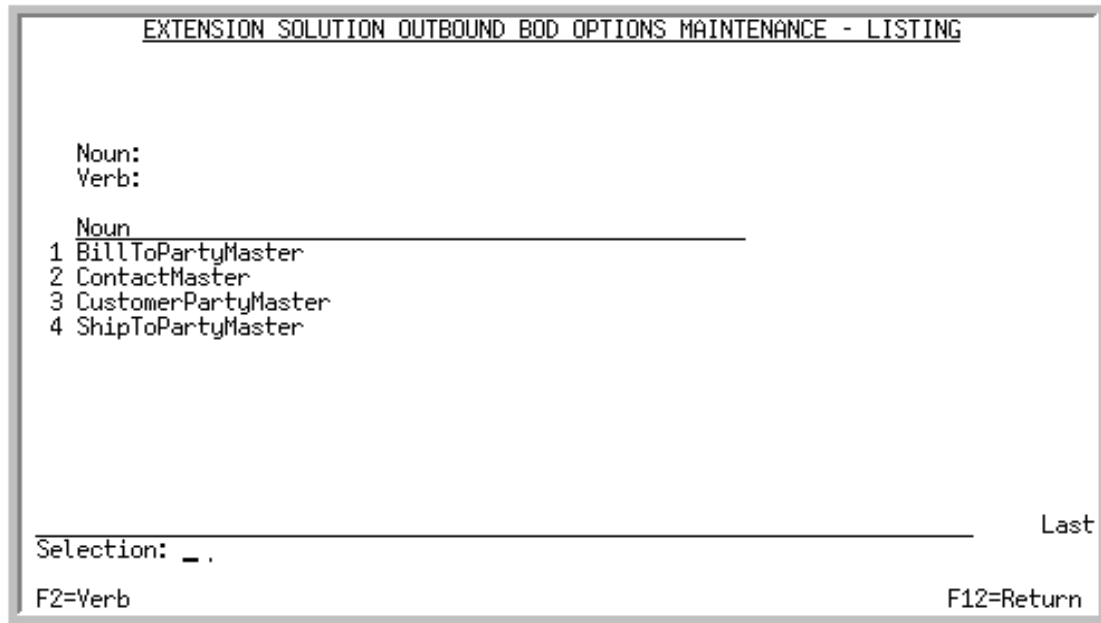
**Important:** By default, all active Outbound BODs are sent to Commerce Gateway for publishing and related data is purged immediately. Maintain these options only for Outbound BODs for which you need to override default settings.

### Extension Solution Outbound BOD Options Maintenance - Selection Screen Fields and Function Keys

Field/Function Key	Description
Function	Use this field to select the function you are performing. Key <b>A</b> to add outbound BOD options for Extension Solution. Key <b>C</b> to change existing outbound BOD options already defined for Extension Solution. Key <b>D</b> delete existing outbound BOD options already defined for Extension Solution. (A 1) Required

Field/Function Key	Description
Noun	<p>Use this field to identify the Noun (Document Name) of the BOD object for the outbound BOD. A Noun represents the type of data in the document.</p> <p>Key a valid Noun. Key <b>?</b> and press <b>ENTER</b> to display the <a href="#">Noun Question Mark Window</a>.</p> <p><b>Valid Values:</b> Valid nouns are provided with Extension Solution. Noun values are all are case sensitive.</p> <p>(A 50) Required</p>
Verb	<p>Use this field to identify the Verb of the BOD, which defines the action to be taken with the Noun.</p> <p>Key a valid Verb.</p> <p><b>Valid Values:</b> Acknowledge, Confirm, Get, Load, Post, Process, Show, Sync. Verb values are all are case sensitive.</p> <p><b>Note:</b> Key a Verb only if you need to maintain a specific Verb. Otherwise, leave this field blank for all Verbs. Verb specifics come from the XML OAGIS requirements for what the BOD is to do when it is sent or received.</p> <p>(A 50) Optional</p>
F3=Exit	<p>Press the <b>F3=EXIT</b> function key to return to MENU ESFILE.</p>
F4=List	<p>Press the <b>F4=LIST</b> function key to view a list of Nouns/Verbs for which outbound BOD options have been defined for Extension Solution. The <a href="#">Extension Solution Outbound BOD Options Maintenance - Listing Screen</a> will appear.</p>
F12=Return	<p>Press the <b>F12=RETURN</b> function key to return to the <a href="#">Extension Solution BOD Options Maintenance Screen</a>, without updating this screen.</p>
Enter	<p>Press the <b>ENTER</b> key to confirm your entries. The <a href="#">Extension Solution Outbound BOD Options Maintenance Screen</a> will appear.</p>

# Extension Solution Outbound BOD Options Maintenance - Listing Screen



This screen displays after pressing **F4=LIST** on the [Extension Solution Outbound BOD Options Maintenance - Selection Screen](#). Use this screen to view a list of Nouns/Verbs for which outbound BOD options have been defined for Extension Solution.

**Note:** This is a roll screen. More... appears at the bottom of a roll screen to indicate that more data is available for viewing. Last appears at the bottom of the last screen of data. To scroll through information on roll screens press:

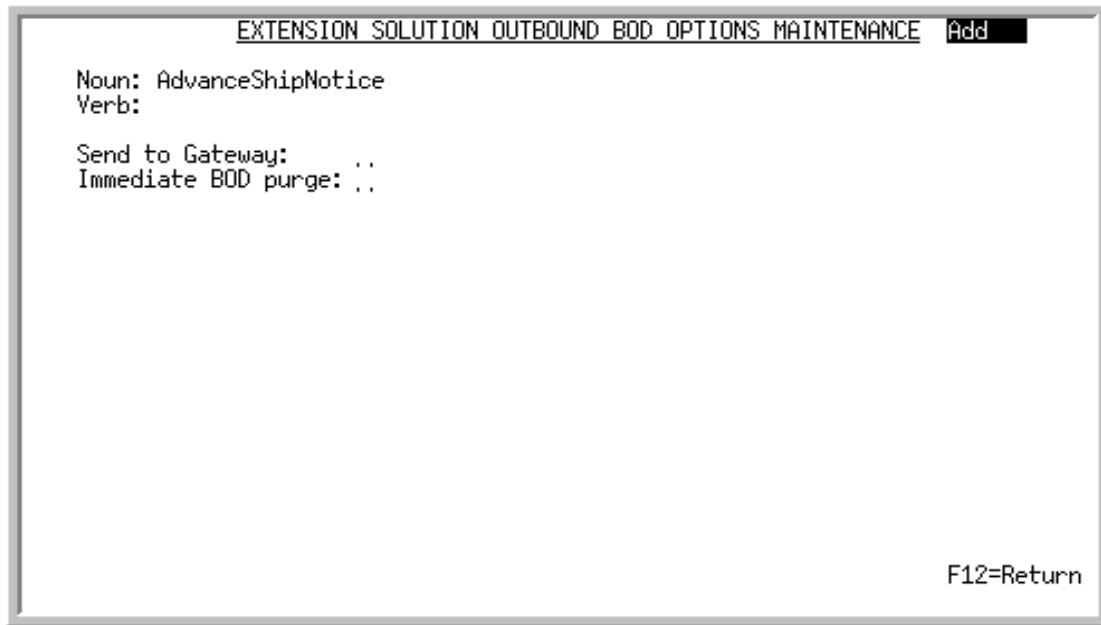
- **\*PAGE DOWN** or **SHIFT-ROLL FWD** or **F7=PAGE DOWN** to display the next screen
- **\*PAGE UP** or **SHIFT-ROLL BACK** or **F8=PAGE UP** to display the previous screen.

## Extension Solution Outbound BOD Options Maintenance - Listing Screen Fields and Function Keys

Field/Function Key	Description
Noun	This field displays the Noun of the BOD object (Business Object Document). A Noun is the type of data in the document (the business specific data that is being communicated in the BOD). Display
Verb	This field displays the Verb of the BOD, which defines the action to be taken with the Noun. Display

Field/Function Key	Description
(Reference Number)	<p>This is the reference number associated with the corresponding Noun/Verb.</p> <p>Use this number to select the corresponding Noun/Verb (that you want to maintain options for) by keying this number in the <b>Selection</b> field.</p> <p>Display</p>
Noun/Verb	<p>This field displays either the Noun (Business Document) or Verb (process that the BOD is being sent for), as toggled with the <b>F2=VERB / F2=NOUN</b> function key, that has previously been defined for the outbound BOD.</p> <p>Display</p>
Selection	<p>Use this field to select a Noun/Verb. Key the corresponding <b>Reference Number</b> of the Noun/Verb you want to select and press <b>ENTER</b>.</p> <p>(N 2,0) Optional</p>
F2=Verb / F2=Noun	<p>Press the <b>F2=VERB / F2=NOUN</b> toggle function key to display either the <b>Verb</b> or <b>Noun</b> field on this screen.</p>
F12=Return	<p>Press the <b>F12=RETURN</b> function key to return to the <a href="#">Extension Solution Outbound BOD Options Maintenance - Selection Screen</a>, without making a selection on this screen.</p>
Enter	<p>Press the <b>ENTER</b> key to confirm your selection. The <a href="#">Extension Solution Outbound BOD Options Maintenance - Selection Screen</a> will appear. If you were in change mode, the <a href="#">Extension Solution Outbound BOD Options Maintenance Screen</a> will appear instead.</p>

# Extension Solution Outbound BOD Options Maintenance Screen



This screen displays after pressing **ENTER** on the [Extension Solution Outbound BOD Options Maintenance - Selection Screen](#), or [Extension Solution Outbound BOD Options Maintenance - Listing Screen](#) if you were in change mode. Use this screen to further define or maintain outbound BOD options.

### Extension Solution Outbound BOD Options Maintenance Screen Fields and Function Keys

Field/Function Key	Description
Mode	The mode you are in: <b>Add</b> displays if you are adding outbound BOD options for the first time; <b>Change</b> displays if you are maintaining an existing outbound BOD option record; <b>Delete</b> displays if you are deleting an existing outbound BOD option record. Display
Noun	This field displays the Noun you selected on the <a href="#">Extension Solution Outbound BOD Options Maintenance - Selection Screen</a> , or <a href="#">Extension Solution Outbound BOD Options Maintenance - Listing Screen</a> . Display

Field/Function Key	Description
Verb	<p>This field displays the Verb you selected, if any, on the <a href="#">Extension Solution Outbound BOD Options Maintenance - Selection Screen</a>, or <a href="#">Extension Solution Outbound BOD Options Maintenance - Listing Screen</a>.</p> <p>Display</p>
Send to Gateway	<p>Use this field to identify whether or not you want this outbound BOD sent to Commerce Gateway to be published.</p> <p>Key <b>Y</b> to have outbound BODs sent to Commerce Gateway to be published.</p> <p>Key <b>N</b> if you do not want to have outbound BODs sent to Commerce Gateway to be published. The BODs will be created in Distribution A+, but will not be placed in the Outbox.</p> <p>(A 1) Required</p>
Immediate BOD purge	<p>Use this field to identify whether or not you want to immediately purge data related to this BOD after it is published. Data in these files can be used to see if BODs have been created correctly. Reviewing BOD data in the outbound files is a manual process.</p> <p>Key <b>Y</b> to purge data from the outbound BOD files.</p> <p>Key <b>N</b> if you do not want to purge data from the outbound BOD files.</p> <p>(A 1) Required</p>
F12=Return	<p>Press the <b>F12=RETURN</b> function key to return to the <a href="#">Extension Solution Outbound BOD Options Maintenance - Selection Screen</a>, without updating this screen.</p>
F24=Delete	<p>The <b>F24=DELETE</b> function key displays only in the delete mode.</p> <p>Press the <b>F24=DELETE</b> function key to delete the outbound BOD record.</p>
Enter	<p>Press the <b>ENTER</b> key to confirm your entries and return to <a href="#">Extension Solution Outbound BOD Options Maintenance - Selection Screen</a>.</p>

## Extension Solution Inbound BOD Options Maintenance - Selection Screen

```

EXTENSION SOLUTION INBOUND BOD OPTIONS MAINTENANCE - SELECTION

Function: _

Noun? .....
Verb: .....

Tenant ID: .....
Accounting Entity ID: .....
Location ID: .....
Component ID: .....

F3=Exit          F4=List
                  F12=Return
    
```

This screen displays after selecting **Option Type I** for Inbound BOD Options and pressing **ENTER** on the [Extension Solution BOD Options Maintenance Screen](#). Use this screen to define or maintain inbound BOD options for Extension Solution.

**Important:** There are no default settings for Inbound BODs. You need to provide options for each Inbound BOD that needs to be consumed (posted) by Distribution A+, updating related Database records in Distribution A+.

### Extension Solution Inbound BOD Options Maintenance - Selection Screen Fields and Function Keys

Field/Function Key	Description
Function	<p>Use this field to select the function you are performing.</p> <p>Key <b>A</b> to add inbound BOD options for Extension Solution.</p> <p>Key <b>C</b> to change existing inbound BOD options already defined for Extension Solution.</p> <p>Key <b>D</b> delete existing inbound BOD options already defined for Extension Solution.</p> <p>(A 1) Required</p>

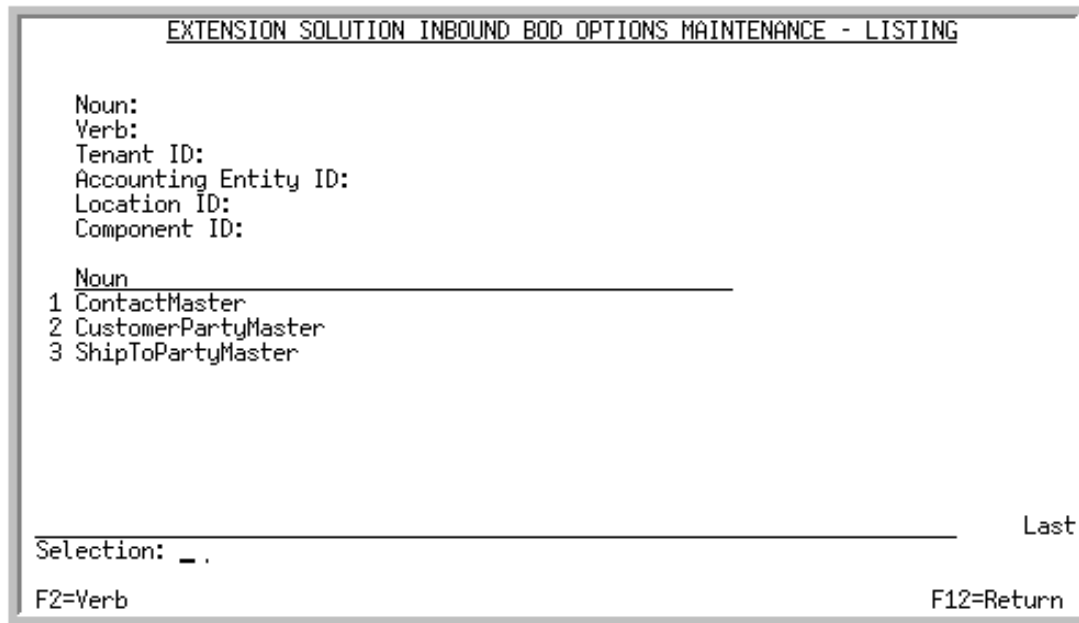
Field/Function Key	Description
Noun	<p>Use this field to identify the Noun (Document Name) of the BOD object for the outbound BOD. A Noun represents the type of data in the document.</p> <p>Key a valid Noun, supported by the inbound process. Key <b>?</b> and press <b>ENTER</b> to display the <a href="#">Noun Question Mark Window</a>.</p> <p><b>Valid Values:</b> Valid nouns are provided with Extension Solution. Noun values are all are case sensitive.</p> <p>(A 50) Required</p>
Verb	<p>Use this field to identify the Verb of the BOD, which defines the action to be taken with the Noun.</p> <p>Key a valid Verb.</p> <p><b>Valid Values:</b> Acknowledge, Confirm, Get, Load, Post, Process, Show, Sync. All verbs are case sensitive.</p> <p><b>Note:</b> Key a verb only if you need to maintain a specific Verb. Otherwise, leave this field blank for all Verbs.</p> <p>(A 50) Optional</p>
Tenant ID	<p>Key the Tenant ID. This value should be the tenant value that is used in the ION Routing Model.</p> <p>(A 50) Optional</p>
Accounting Entity ID	<p>Key a unique Accounting Entity ID.</p> <p>(A 50) Optional</p>
Location ID	<p>In BOD-enabled applications, the location is a single geographical site of an organization that is associated with data or transaction. Items are being shipped to or from a specific location. In Distribution A+ the location is defined as a warehouse.</p> <p>Key the Location ID.</p> <p>(A 50) Optional</p>
Component ID	<p>This is the Component ID defined for your system. A component is an application sub-process that is a logical grouping of functionality.</p> <p>Key the Component ID. For example, <b>ERP</b>.</p> <p>(A 50) Required</p>
F3=Exit	<p>Press the <b>F3=EXIT</b> function key to return to MENU ESFILE.</p>
F4=List	<p>Press the <b>F4=LIST</b> function key to view a list of Nouns/Verbs for which inbound BOD options have been defined for Extension Solution. The <a href="#">Extension Solution Inbound BOD Options Maintenance - Listing Screen</a> will appear.</p>

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Field/Function Key	Description
F12=Return	Press the <b>F12=RETURN</b> function key to return to the <a href="#">Extension Solution BOD Options Maintenance Screen</a> , without updating this screen.
Enter	Press the <b>ENTER</b> key to confirm your entries. The <a href="#">Extension Solution Inbound BOD Options Maintenance Screen</a> will appear.

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## Extension Solution Inbound BOD Options Maintenance - Listing Screen



This screen displays after pressing **F4=LIST** on the [Extension Solution Inbound BOD Options Maintenance - Selection Screen](#). Use this screen to view a list of Nouns/Verbs for which inbound BOD options have been defined for Extension Solution.

**Note:** This is a roll screen. **More...** appears at the bottom of a roll screen to indicate that more data is available for viewing. **Last** appears at the bottom of the last screen of data. To scroll through information on roll screens press:

- **\*PAGE DOWN** or **SHIFT-ROLL FWD** to display the next screen
- **\*PAGE UP** or **SHIFT-ROLL BACK** to display the previous screen.

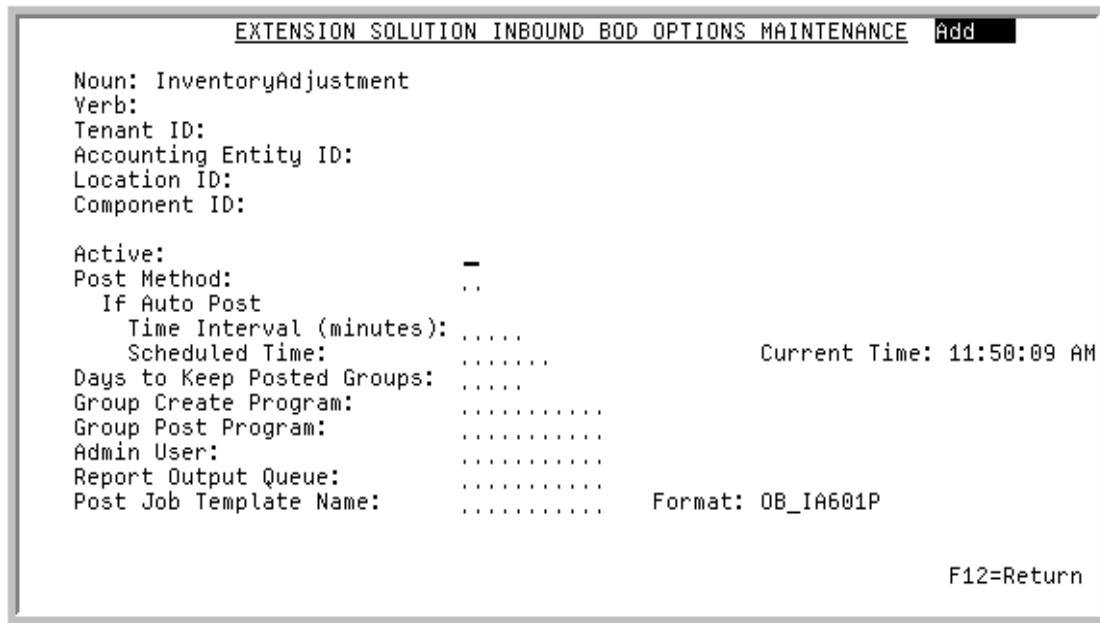
### Extension Solution Inbound BOD Options Maintenance - Listing Screen Fields and Function Keys

Field/Function Key	Description
Noun	This field displays the Noun (Document Name) of the BOD object. A Noun is the type of data in the document (the business specific data that is being communicated in the BOD). Display

Field/Function Key	Description
Verb	This field displays the Verb of the BOD, which defines the action to be taken with the Noun. Display
Tenant ID	This field displays the Tenant ID. This is the value that is used in the ION Routing Model. Display
Accounting Entity ID	This field displays the unique Accounting Entity ID. Display
Location ID	This field displays the Location ID. In BOD-enabled applications, the location is a single geographical site of an organization that is associated with data or transaction. Items are being shipped to or from a specific location. In Distribution A+ the location is defined as a warehouse. Display
Component ID	This field displays the Component ID defined for your system. A component is an application sub-process that is a logical grouping of functionality. The Component ID represents the function that the business application that issued the BOD is representing. Display
(Reference Number)	This is the reference number associated with the corresponding Noun/Verb. Use this number to select the corresponding Noun/Verb (that you want to maintain options for) by keying this number in the <b>Selection</b> field. Display
Noun/Verb	This field displays either the Noun (Business Document Name) or Verb (process that the BOD is being sent for), as toggled with the <b>F2=VERB / F2=NOUN</b> function key, that has previously been defined for the inbound BOD. Display
Selection	Use this field to select a Noun/Verb. Key the corresponding <b>Reference Number</b> of the Noun/Verb you want to select and press <b>ENTER</b> . (N 2,0) Optional
F2=Verb/F2=Noun	Press the <b>F2=VERB / F2=NOUN</b> toggle function key to display either the <b>Verb</b> or <b>Noun</b> field on this screen.
F12=Return	Press the <b>F12=RETURN</b> function key to return to the <a href="#">Extension Solution Inbound BOD Options Maintenance - Selection Screen</a> , without making a selection on this screen

Field/Function Key	Description
Enter	Press the <b>ENTER</b> key to confirm your selection. The <a href="#">Extension Solution Inbound BOD Options Maintenance - Selection Screen</a> will appear. If you were in change mode, the <a href="#">Extension Solution Inbound BOD Options Maintenance Screen</a> will appear instead.

# Extension Solution Inbound BOD Options Maintenance Screen



This screen displays after pressing **ENTER** on the [Extension Solution Inbound BOD Options Maintenance - Selection Screen](#), or [Extension Solution Inbound BOD Options Maintenance - Listing Screen](#) if you were in change mode. Use this screen to further define or maintain inbound BOD options.

## Extension Solution Inbound BOD Options Maintenance Screen Fields and Function Keys

Field/Function Key	Description
Mode	The mode you are in: <b>Add</b> displays if you are adding inbound BOD options for the first time; <b>Change</b> displays if you are maintaining an existing inbound BOD option record; <b>Delete</b> displays if you are deleting an existing inbound BOD option record. Display
Noun	This field displays the Noun (Document Name) of the BOD object. A Noun is the type of data in the document (the business specific data that is being communicated in the BOD). Display
Verb	This field displays the Verb of the BOD, which defines the action to be taken with the Noun. Display

Field/Function Key	Description
Tenant ID	<p>This field displays the Tenant ID. This is the value that is used in the ION Routing Model.</p> <p>Display</p>
Accounting Entity ID	<p>This field displays the unique Accounting Entity ID.</p> <p>Display</p>
Location ID	<p>This field displays the Location ID. In BOD-enabled applications, the location is a single geographical site of an organization that is associated with data or transaction. Items are being shipped to or from a specific location. In Distribution A+ the location is defined as a warehouse.</p> <p>Display</p>
Component ID	<p>This field displays the Component ID defined for your system. A component is an application sub-process that is a logical grouping of functionality.</p> <p>Display</p>
Active	<p>Use this field to activate or deactivate processing of this BOD.</p> <p>Key <b>Y</b> to activate processing of this BOD.</p> <p>Key <b>N</b> to deactivate processing of this BOD.</p> <p><b>Valid Values:</b> Y or N</p> <p>(A 1) Required</p>
Post Method	<p>Posting of inbound BODs can be done: 1) immediately, as soon as the BODs are received, 2) manually by the User, or 3) automatically based on the <b>Time Interval</b> or <b>Scheduled Time</b> fields.</p> <p>Key <b>I</b> to have the posting of inbound BODs done immediately, as soon as the BODs are received.</p> <p>Key <b>M</b> to have the posting of inbound BODs done manually by the user.</p> <p>Key <b>A</b> to have the posting of inbound BODs done automatically, based on the <b>Time Interval</b> or <b>Scheduled Time</b> fields.</p> <p><b>Valid Values:</b> I, M or A</p> <p>(A 1) Required</p>
If Auto Post Time Interval (minutes)	<p>If the <b>Post Method</b> field is <b>A</b>, use this field to indicate when you want the posting of inbound BODs to automatically occur based on the time interval you key in this field. If you key a value in this field, you cannot key a value in the <b>Scheduled Time</b> field.</p> <p>Key the interval in minutes for which BODs will be posted. For example, if you key <b>10</b>, BODs will be posted every 10 minutes.</p> <p><b>Note:</b> Either this field or <b>Scheduled Time</b> field is Required, if <b>Post Method</b> field is <b>A</b>.</p> <p>(N 4,0)</p>

Field/Function Key	Description
Scheduled Time	<p>If the <b>Post Method</b> field is <b>A</b>, use this field to indicate when you want the posting of inbound BODs to automatically occur based on the scheduled time you key in this field. If you key a value in this field, you cannot key a value in the <b>If Auto Post Time Interval (minutes)</b> field.</p> <p>Key the scheduled time for which BODs will be posted daily. You must key the value in the 24-hour clock format, hhmmss. For example, if you key <b>133301</b>, BODs will be processed at 03:33:01 PM daily.</p> <p><b>Note:</b> Either this field or <b>If Auto Post Time Interval (minutes)</b> field is Required, if <b>Post Method</b> field is <b>A</b>.</p> <p>(N 6,0) Required/Optional</p>
Current Time	<p>This field displays the current time bases on the IBM i time format.</p> <p>Display</p>
Days to Keep Posted Groups	<p>Inbound BODs are processed (posted) to the system as Posting Groups. After a group is posted, it will be purged after the number of days defined in this field. Refer to MENU ESMASST for options related to purging BOD transactions.</p> <p>Key the number of days to keep posted groups.</p> <p>(N 4,0) Optional</p>
Group Create Program	<p>Use this field if a Custom Program is used to create an inbound BOD Posting Group.</p> <p>Key the Custom Program.</p> <p>(A 10) Optional</p>
Group Post Program	<p>Use this field if a Custom Program is used to post an inbound BOD Posting Group.</p> <p>Key the Custom Program.</p> <p>(A 10) Optional</p>
Admin User	<p>This field represents the Distribution A+ user that will be responsible for reviewing and resolving errors related to the posting of this Inbound BOD.</p> <p>Key the IBM i User ID of the BOD Administrator.</p> <p><b>Valid Values:</b> A valid IBM i user ID, no special permissions are required</p> <p>(A 10) Optional</p>
Report Output Queue	<p>Use this field to key the IBM i output queue that will be used for the Group Edit and Post Output.</p> <p><b>Valid Values:</b> A valid output queue defined on the IBM i.</p> <p>(A 10) Required</p>

Field/Function Key	Description
Post Job Template Name	<p>This field displays only when an inbound BOD Posting Group is posted in the Distribution A+ Transaction Processor.</p> <p>Use this field to key the Post Job Template Name used for Group Posting (when inbound BOD posting is performed through the Distribution A+ Transaction Processor).</p> <p>(A 10) Required</p>
Format	<p>This field displays only when an inbound BOD Posting Group is posted in the Distribution A+ Transaction Processor.</p> <p>This field displays the type of job that the template is being used for.</p> <p>Display</p>
F12=Return	<p>Press the <b>F12=RETURN</b> function key to return to the <a href="#">Extension Solution Inbound BOD Options Maintenance - Selection Screen</a> without updating this screen.</p>
F24=Delete	<p>The <b>F24=DELETE</b> function key displays only in the delete mode.</p> <p>Press the <b>F24=DELETE</b> function key to delete the inbound BOD record.</p>
Enter	<p>Press the <b>ENTER</b> key to confirm your entries and return to the <a href="#">Extension Solution Inbound BOD Options Maintenance - Selection Screen</a>.</p>

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## Chapter 5 Extension Solution Startup Options

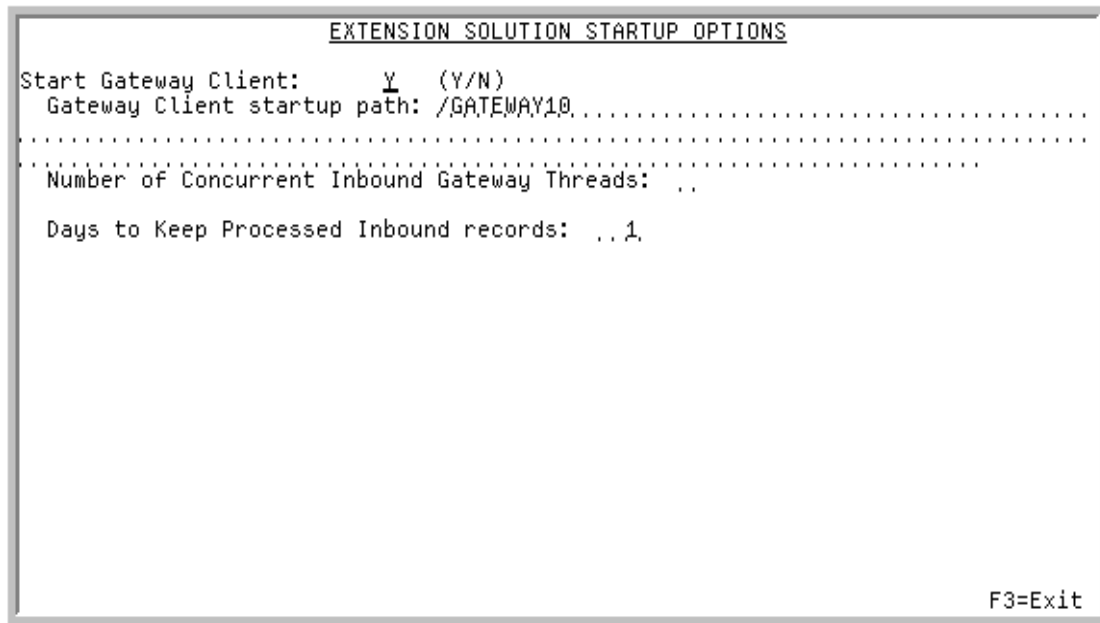
Use [Extension Solution Startup Options](#) (MENU ESFILE) to set up or maintain startup options for the Extension Solution module. You will define whether or not you want to automatically start the Commerce Gateway Client Engine when the On-Ramp Service Processor starts, indicate the directory where the Gateway Client has been installed, specify the number of concurrent inbound Gateway Threads, and the number of days to keep inbound processed transactions.

### Extension Solution Startup Options

The screens and/or reports in this option and a brief description are listed in the following table. A complete description of each screen/report is contained in this section.

Title	Purpose
<a href="#">Extension Solution Startup Options Screen</a>	Used to select the startup options for Extension Solution.

## Extension Solution Startup Options Screen



This screen displays after selecting option **2** - [Extension Solution Startup Options](#) (MENU ESFILE). Use this screen to select the startup options for Extension Solution.

### Extension Solution Startup Options Screen Fields and Function Keys

Field/Function Key	Description
Start Gateway Client	<p>Use this field to indicate if you want to automatically start the Commerce Gateway Client Engine when the On-Ramp Service Processor starts.</p> <p>Key <b>Y</b> to have the Commerce Gateway Client automatically start when the On-Ramp Service Processor starts.</p> <p>Key <b>N</b> if you do not want the Commerce Gateway Client to automatically start when the On-Ramp Service Processor starts. If you select <b>N</b>, you will have to manually start the Commerce Gateway Client when needed. Refer to the Commerce Gateway Installation Guide for instructions on how to manually start the Commerce Gateway Client on the IBM i.</p> <p><b>Default Value:</b> N (A 1) Required</p>

Field/Function Key	Description
Gateway Client startup path	<p>If the <b>Start Gateway Client</b> field is <b>Y</b>, use this field to indicate the /IFS/Root directory where the Commerce Gateway Client has been installed. This field must be blank if the <b>Start Gateway Client</b> field is <b>N</b>.</p> <p>Key the Commerce Gateway Client Startup path, beginning with a '/' character.</p> <p><b>Valid Values:</b> Must be a valid IFS path.</p> <p>(A 200) Required, if the Start Gateway Client field is <b>Y</b>.</p>
Number of Concurrent Inbound Gateway Threads	<p>Each inbound Gateway thread is retrieving data from the Distribution A+ Inbox. It is recommended to keep the assigned number of inbound Threads as 1, due to the current ION data mediation limitations.</p> <p>Key the number of inbound Gateway Threads.</p> <p><b>Note:</b> If the value you key in this field is <b>0</b>, no inbound processing will occur.</p> <p>(N 1,0) Optional</p>
Days to Keep Processed Inbound records	<p>Key the number of days to keep the inbound transactions that have been processed and updated to your Distribution A+ files. After the specified number of days, the transactions will be cleared from the Inbox.</p> <p><b>Default Value:</b> 1</p> <p><b>Valid Values:</b> any number between 1 and 999</p> <p>(N 3,0) Required</p>
F3=Exit	<p>Press the <b>F3=EXIT</b> function key to return to MENU ESFILE.</p>
Enter	<p>Press the <b>ENTER</b> key to confirm your entries and return to MENU ESFILE.</p>

## Chapter 6 Extension Solution BOD Event Registration

Within Distribution A+, certain events (user actions) that add, change or delete business entities like customers, items, sales orders, etc. will trigger the generation and publishing of related outbound BODs from Distribution A+. Publishing BODs communicates to the integration application the latest state of related business entities.

Use [Extension Solution BOD Event Registration](#) (MENU ESFILE) to view and maintain Extension Solution events within the application that triggers generating and publishing of related outbound Business Object Documents (BODs) from Distribution A+. The data for this option will be preloaded with values during the installation process (that is, events are predefined and shipped with Distribution A+).

Custom events can also be added through this menu option. If you have modifications to Distribution A+ that add, change or delete data to files in Distribution A+ that are used to publish BODs, and these modifications do not trigger certain business events that generate the publishing of outbound BODs, you need to create custom events through this option. For additional information about events, refer to the Infor Distribution A+ ION Integration Guide.

### Extension Solution BOD Event Registration

The screens and/or reports in this option and a brief description are listed in the following table. A complete description of each screen/report is contained in this section.

Title	Purpose
<a href="#">Extension Solution Event Registration Screen</a>	This screen has a regular and expanded fields version. Used to view all, active, or inactive BOD events. You will also be able to add a new event or change an existing one.
<a href="#">Extension Solution Event Definition Screen</a>	Used to add or maintain a custom event, or view a predefined event.

## Extension Solution Event Registration Screen

EXTENSION SOLUTION EVENT REGISTRATION					All Events
Sl	EvId	Trig File	Event Pgm	Description	
1	0001	CUSMS	AR800	Customer Master Maintenance	
2	0002	ARDHD	AR603	Update A/R with Today's Invoices	
3	0003	ARDHD	AR102C	Post Cash Receipts & Adjustments	
4	0004	ARDHD	AR123	Invoice Post	
5	0005	ARDHD	AR150	Mark Disputed Invoices - Batch	
6	0006	ARDHD	AR151	Mark Disputed Invoices	
7	0007	ARHHD	AR620	Post AR History	
8	0008	ARDHD	AR642	Create Finance Charge Invoices	
9	0009	ARDHD	AR653	Paid Invoice Purge	
10	0010	ARDHD	AR661	Update A/R for Balance Forward Customers Only	
11	0011	ARDHD	OEP640	Credit Card Settlement CC Customer	
12	0012	ARHHD	AR607	Update AR History for Non-AR Payments	More...

F2=Noun                      F4=Active Events              F6=Expanded View              F10=Maintain  
 F3=Exit                      F5=Add

## Extension Solution Event Registration Screen with Expanded Fields

EXTENSION SOLUTION EVENT REGISTRATION							All Events		
Sl	EvId	Trig File	Event Pgm	Cond Pgm	Map Pgm	Grp Job	Crt Opt	Event A C D	Evt Act
1	0001	CUSMS	AR800	ES209TRG	ES209		I	Y Y Y	Y
			Customer Master Maintenance						
2	0002	ARDHD	AR603		ES206	AR603	P	Y Y Y	Y
			Update A/R with Today's Invoices						
3	0003	ARDHD	AR102C		ES206	AR102C	P	Y Y Y	Y
			Post Cash Receipts & Adjustments						
4	0004	ARDHD	AR123		ES206	AR123	P	Y Y Y	Y
			Invoice Post						
5	0005	ARDHD	AR150		ES206		P	Y Y Y	Y
			Mark Disputed Invoices - Batch						
6	0006	ARDHD	AR151		ES206		I	Y Y Y	Y
			Mark Disputed Invoices						
7	0007	ARHHD	AR620		ES206	AR620	P	Y Y Y	Y
			Post AR History						

F2=Noun                      F4=Active Events              F6=Regular View              F10=Maintain  
 F3=Exit                      F5=Add

Both the standard and expanded fields view of the screens are shown above. The expanded fields view is activated through Expanded Field Use (MENU XAFIL2).

This screen displays after selecting option **3** - [Extension Solution BOD Event Registration](#) on MENU ESFILE. Use this screen to view all, active, or inactive BOD events. You will also be able to add a new custom event or change an existing custom event.

The data on this screen will be preloaded with values during the installation process (that is, Events are predefined and shipped with Distribution A+). Note that you will only be able to maintain custom events via **F10=MAINTAIN**; you will not be able to maintain the predefined events that were shipped during the installation process. Custom events start with a 'Z' (e.g., Event ID = Z001).

**Note:** This is a roll screen. More... appears at the bottom of a roll screen to indicate that more data is available for viewing. Last appears at the bottom of the last screen of data. To scroll through information on roll screens press:

- \*PAGE DOWN or SHIFT-ROLL FWD or F7=PAGE DOWN to display the next screen
- \*PAGE UP or SHIFT-ROLL BACK or F8=PAGE UP to display the previous screen.

### Extension Solution Event Registration Screen Fields and Function Keys

Field/Function Key	Description
Mode	The mode you are in: <b>All Events</b> displays if you are viewing all currently defined BOD events; <b>Active Events</b> displays if you are viewing only BOD events that are active. <b>InActive Events</b> displays if you are viewing only BOD events that are inactive. Display
(Reference Number)	This is the reference number associated with the corresponding BOD event. Use this number to select the corresponding event (that you want to maintain) by keying this number in the <b>SI</b> field. Display
EvId	This field displays the Event ID of the Noun. Display
Trigger File	This field displays the Distribution A+ database file that has the Trigger. Display
Event Program	This field displays the Event Program. This is the program that is accessing the file. Display
Description / Desc	This field displays the program description of the Noun. Display

Field/Function Key	Description
Event Cond Pgm	<p>Displays on the top portion of this screen in expanded view only. This field displays the Event (Trigger) Condition Program. Display</p>
BOD Map Pgm	<p>Displays on the top portion of this screen in expanded view only. This field displays the BOD Mapper Program. Display</p>
Grp Job	<p>Displays on the top portion of this screen in expanded view only. This field displays the Group Job used to process similar transactions or events simultaneously. Display</p>
Crt Opt	<p>Displays on the top portion of this screen in expanded view only. This field displays the BOD Create Option (when the BOD will be created). <b>I</b> displays if the BOD will immediately be created. <b>P</b> displays if the BOD is created once it is submitted to the On-Ramp Processor. Display</p>
Event A, C, D	<p>Displays on the top portion of this screen in expanded view only. This field indicates the Database File Trigger Event that fires this Extension solution Event. <b>Y</b> displays in the <b>Event A</b> column if the event is a Trigger Event Add (create). <b>Y</b> displays in the <b>Event C</b> column if the event is a Trigger Event Change (update). <b>Y</b> displays in the <b>Event D</b> column if the event is a Trigger Event Delete. If the event is not an Add, Change or Delete, an <b>N</b> will display in the column instead. Display</p>
Evt Act	<p>Displays on the top portion of this screen in expanded view only. This field indicates by <b>Y</b> or <b>N</b> if the event is active. This is useful when you are viewing all events. Display</p>
SI	<p>Use this field to select a BOD event. Key the corresponding <b>Reference Number</b> of the event you want to maintain and press <b>F10=MAINTAIN</b>. Key the corresponding <b>Reference Number</b> and press <b>F5=ADD</b> of the event you want to copy and create a custom event trigger. (N 2,0) Optional</p>

Field/Function Key	Description
EvlD	<p>Use this field to limit the events on this screen to those that match this Event ID.</p> <p>Key the Event ID that you would like to limit the event list by.</p> <p>(A 4) Optional</p>
Trig File	<p>Use this field to limit the events on this screen to those that match this Distribution A+database triggered file that sourced the event.</p> <p>Key the Triggered file (in the SOA Trigger Event File, <b>SOATRIG</b>) that you would like to limit the event list by. This is the file that has the trigger.</p> <p>(A 10) Optional</p>
Event Pgm	<p>Use this field to limit the events on this screen to those that match this Event Program.</p> <p>Key the Event Program that you would like to limit the event list by. This is the program that is accessing the Distribution A+database file.</p> <p>(A 10) Optional</p>
Cond Pgm	<p>Displays on the lower portion of this screen in expanded view only.</p> <p>Use this field to limit the events on this screen to those that match this Event (Trigger) Condition Program.</p> <p>Key the Event Condition Program that you would like to limit the event list by.</p> <p>(A 10) Optional</p>
Map Pgm	<p>Displays on the lower portion of this screen in expanded view only.</p> <p>Use this field to limit the events on this screen to those that match this BOD Mapper Program.</p> <p>Key the BOD Mapper Program that you would like to limit the event list by.</p> <p>(A 10) Optional</p>
Grp Job	<p>Displays on the lower portion of this screen in expanded view only.</p> <p>Use this field to limit the events on this screen to those that match this Group Job.</p> <p>Key the Group Job that you would like to limit the event list by.</p> <p>(A 10) Optional</p>
Description /Desc	<p>Use this field to limit the events on this screen to those that match this Description or Noun.</p> <p>Key the Description or Noun that you would like to limit the event list by.</p> <p>(A 45) Optional</p>
F2=Noun / F2=Description	<p>Press the <b>F2=NOUN</b> / <b>F2=DESCRIPTION</b> toggle function key to toggle between the Description of the event or Noun of the event.</p>
F3=Exit	<p>Press the <b>F3=EXIT</b> function key to return to MENU ESFILE.</p>

Field/Function Key	Description
F4=Active Events / F4=Inactive Events / F4=All Events	Press the <b>F4=ACTIVE EVENTS</b> / <b>F4=INACTIVE EVENTS</b> / <b>F4=ALL EVENTS</b> toggle function key to toggle between the display of active events, inactive events, and all events.
F5=Add	Press the <b>F5=ADD</b> function key to add a new event. The <a href="#">Extension Solution Event Definition Screen</a> will appear.
F6=Expanded View / F6=Regular View	Press the <b>F6=EXPANDED VIEW</b> / <b>F6=REGULAR VIEW</b> function key to toggle between showing this screen in the expanded fields view or regular fields view mode. Additional fields display on this screen in the expanded fields view.  <b>Note:</b> The expanded fields view is activated through Expanded Field Use (MENU XAFIL2).
F7=Page Down / F8=Page Up	More... appears at the bottom of a roll screen to indicate that more data is available for viewing. Last appears at the bottom of the last screen of data. On some roll screens, <b>F7=PAGE DOWN</b> and <b>F8=PAGE UP</b> are available for use but do not display.  Use the <b>F7=PAGE DOWN</b> to display the next screen of information on a roll screen. The <b>PAGE DOWN</b> or <b>SHIFT-ROLL FWD</b> function keys perform the same task.  Use the <b>F8=PAGE UP</b> to display the previous screen of information on a roll screen. The <b>PAGE UP</b> or <b>SHIFT-ROLL BACK</b> function keys perform the same task.
F10=Maintain	After keying a value in the <b>SI</b> field, press the <b>F10=MAINTAIN</b> function key to maintain the custom event you selected. The <a href="#">Extension Solution Event Definition Screen</a> will appear.  <b>Note:</b> You will only be able to maintain a custom event (identified by starting with a 'Z', for example, Event ID = Z001), and not an event that was predefined and shipped during the installation process.
Enter	After keying criteria to limit the events on this screen, press the <b>ENTER</b> key to confirm your entries and redisplay the screen.

## Extension Solution Event Definition Screen

**EXTENSION SOLUTION EVENT DEFINITION** **Add**

Event Id: Z001    Event Status: 1    (1=Active, 2=Inactive)

Description: .....

Trigger File: .....

Trigger Event(s): Create: Y (Y/N)    Update: Y (Y/N)    Delete: Y (Y/N)

Trigger Event Program: .....

Trigger Condition Program: ..... (optional)

BOD Creation Option: I ..... (I=Immed, P=On-Ramp Processor)

BOD Mapper Program: .....

Noun? .....

Verb: ..... (1=Sync, 2=Process, 3=Confirm, 4=Acknowledge)

Override Action Code: .....

Group Job: .....    Key for Company Interface Check: ..... (0 - 15)

Start	Start	Start
Pos	Length	Pos
Key 01: .....	Key 06: .....	Key 11: .....
Key 02: .....	Key 07: .....	Key 12: .....
Key 03: .....	Key 08: .....	Key 13: .....
Key 04: .....	Key 09: .....	Key 14: .....
Key 05: .....	Key 10: .....	Key 15: .....

F12=Return

This screen displays after pressing **F5=ADD** or **F10=MAINTAIN** on the [Extension Solution Event Registration Screen](#). Use this screen to add or maintain a custom event, or view a predefined event.

**Note:** Events are predefined and shipped with Distribution A+, and you can also use this screen to create new 'custom' events, if needed. When this screen is accessed via **F10=MAINTAIN**, you will only be able to maintain those custom events that were previously created. If you selected a predefined event on the [Extension Solution Event Registration Screen](#), you will not be able to maintain the predefined event and all fields on this screen will be display only.

### Extension Solution Event Definition Screen Fields and Function Keys

Field/Function Key	Description
(Mode)	<p>The mode you are in: <b>Add</b> displays if you are adding a new custom event; <b>Change</b> displays if you are maintaining an existing custom event or viewing a predefined event.</p> <p><b>Note:</b> When you are in Change mode, you will also be able to delete a custom event.</p> <p>Display</p>
Event ID	<p>This field displays the system assigned unique Event ID. Custom events are identified by starting with a 'Z' (e.g., Event ID = Z001).</p> <p>An Event ID is a system generated unique ID assigned to a business event that triggers BOD generation.</p> <p>Display</p>

Field/Function Key	Description
Event Status	<p>Use this field to indicate the status of the event.</p> <p>Key <b>1</b> if this event should be active.</p> <p>Key <b>2</b> if this event should be inactive.</p> <p><b>Default Value:</b> 1</p> <p>(N 1,0) Required</p>
Description	<p>Use this field to indicate the description of the event and what the event will be used for. This description will also be used when events are submitted to the On-Ramp Processor.</p> <p>Key the description.</p> <p>(A 45) Required</p>
Trigger File	<p>Use this field to indicate the triggered file. This is the file that has the trigger and a record that has been added, changed, or deleted.</p> <p>Key the file name (e.g. <b>ARDHD</b>) to which the event trigger will be added.</p> <p>(A 10) Required</p>
Trigger Event(s): Create, Update, Delete	<p>Key <b>Y</b> in the <b>Create</b> field if the event trigger will run when a record is added to the Trigger File (the event will be triggered when the file has a record written). If you do not want the event trigger to run, when a record is added to the Trigger File, key <b>N</b>.</p> <p>Key <b>Y</b> in the <b>Update</b> field if the event trigger will run when a record is updated in the Trigger File (the event will be triggered when the file has a record updated). If you do not want the event trigger to run, when a record is updated in the Trigger File, key <b>N</b>.</p> <p>Key <b>Y</b> in the <b>Delete</b> field if the event trigger will run when a record is deleted from the Trigger File (the event will be triggered when the file has a record deleted). If you do not want the event trigger to run, when a record is deleted from the Trigger File, key <b>N</b>.</p> <p><b>Default Value:</b> Y</p> <p>(A 1) Required</p>
Trigger Event Program	<p>Key the Trigger Event Program that will initiate the Trigger to run. This is the name of the program that will add, change, or delete records in the Trigger File.</p> <p>(A 10) Required</p>
Trigger Condition Program	<p>Key the Event Condition Program that will run to determine if the Trigger event should run. This should be an existing program that will be used to further condition if the Extension Solution event should be triggered other than just the fact that a record was added, changed, or deleted in the file.</p> <p>(A 10) Optional</p>

Field/Function Key	Description
BOD Creation Option	<p>Use this field to indicate when and how the BOD should be created, immediately or through the On-Ramp Processor.</p> <p>Immediate processing will submit each individual event as transactions are updated. For example, if the event is Customer Master Maintenance and 10 customers had their salesrep changed, the immediate setting would submit the BOD creation after each customer was updated, resulting in 10 submits to the Transaction Processor. If the setting is to use the On-Ramp Processor, then the 10 changes are submitted as one event when you exit Customer Master Maintenance.</p> <p>Jobs that involved user intervention like entering orders and updating customers should use <b>I</b> to keep the SOA data current; especially when users tend to stay in an option for long periods of time before exiting. Jobs that do not involve user intervention and are basically a batch process such as invoice print to batch or posting jobs that are submitted to the Transaction Processor should use <b>P</b> so all the changes are combined as one when the job completes.</p> <p>Key <b>I</b> if you want the BOD immediately created.</p> <p>Key <b>P</b> if you want the BOD created once it is submitted to the On-Ramp Processor.</p> <p><b>Default Value: I</b></p> <p>(A 1) Required</p>
BOD Mapper Program	<p>Key the BOD Mapper Program which will be called by the On-Ramp Processor to map the Trigger file's record to its associated BOD.</p> <p>(A 10) Required</p>
Noun	<p>Use this field to identify the Noun that will be mapped for this event.</p> <p>Key a valid Noun that will be created for this event.</p> <p>(A 50) Required</p>
Verb	<p>Use this field to identify the Verb for the indicated Noun. The Verb defines the action to be taken with the Noun. Usually, Master Data is a Process Verb, and Transactional Data is a Sync Verb.</p> <p>Key <b>1</b> for Sync transactions.</p> <p>Key <b>2</b> for Process.</p> <p>Key <b>3</b> for Confirm.</p> <p>Key <b>4</b> for Acknowledge.</p> <p>(N 1,0) Required</p>
Override Action Code	<p>For future use only.</p>

Field/Function Key	Description
Group Job	<p>Use this field to key the name of the job that can be assigned to the event to limit the amount of transactions generated. The Trigger Event will not run until the completion of the group job in the processor. This is to ensure that the transaction has been fully posted and all data is up to date before it is exported.</p> <p>For example, if an invoice is updated multiple times in a program, by specifying a group job, only one job will be submitted to the On-Ramp Processor instead of one job for each time the invoice is updated. Jobs running in the Distribution A+ Transaction Processor will automatically handle the group job, any other processes would have to be changed to use the group job upon exit from the program.</p> <p>Key the Group Job name.</p> <p>(A 10) Optional</p>
Key for Company Interface Check	<p>This field indicates one of the 15 triggered file keys that contains the company number that can be checked to see if the company is set up to exchange data with other Distribution A+ application(s).</p> <p>Key the key for the company interface check.</p> <p><b>Note:</b> This field is optional, but if you leave it blank, you will receive a warning message informing you that you did not enter a key for the company interface check.</p> <p>(N 2,0) Optional</p>
Key fields 01 - 15 (Start Position and Length)	<p>This field indicates up to 15 different triggered file key fields (starting position and length) that can be used in the BOD Mapper program to extract the information needed to generate the BOD from the triggered file. A minimum of one key field is required.</p> <p>For each of the <b>Key</b> fields, in the <b>Start Pos</b> column, key the starting position in the Trigger File of each key field.</p> <p>For each of the <b>Key</b> fields, in the <b>Length</b> column, key the length in the Trigger File of each key field.</p> <p>(N 4,0) Required</p>
F12=Return	<p>Press the <b>F12=RETURN</b> function key to return to the <a href="#">Extension Solution Event Registration Screen</a>, without updating this screen.</p>
F24=Delete	<p>The <b>F24=DELETE</b> function key displays only in the change mode.</p> <p>Press the <b>F24=DELETE</b> function key to delete the custom event record. Press <b>F24=DELETE</b> to confirm deletion.</p>
Enter	<p>Press the <b>ENTER</b> key to confirm your entries, and continue with the update. You will be returned to the <a href="#">Extension Solution Event Registration Screen</a>.</p>

## Chapter 7 On-Ramp Service Processor Setup

Use the [On-Ramp Service Processor Setup](#) option (MENU ESFILE) to set up the On-Ramp Service Processor for the Extension Solution module. The On-Ramp Service Processor is an IBM i sub-system that handles publishing of outbound BODs and processing of inbound BODs.

Your user profile must have \*SECADM authority in order to run this option. A break message will display if you do not have this authority, and the menu option will be canceled; else the job will run interactivity on your screen.

### On-Ramp Service Processor Setup

There are no screens and/or reports in this option, and a message does not appear upon completion of processing. The following occurs when this option is run:

- User profile for the On-Ramp Service Processor will be created with \*ALLOBJ and \*JOBCTL authority. Message queue of the same name will also be created.
- Job Description and Sub-system Description will be created for the On-Ramp Service Processor.
- Routing entries and auto-start job entries will be added to the sub-system noted above.
- Job queues will be created along with job queue entries for the sub-system noted above.
- SOA On-Ramp Service Processor Priority Data areas will be created.
- SOA On-Ramp Processor files will be created.
- Outbound Request data queue will be created.
- SOA On-Ramp Processor will be started via a call to ES003P.

## Chapter 8 On-Ramp Service Processor Configuration

Use the [On-Ramp Service Processor Configuration](#) option (MENU ESFILE) to tailor On-Ramp Server Processor parameters for Extension Solution. Using this option, you will:

- Configure On-Ramp Service Processor Assignments or Run Priorities
- Identify the environment whose assignments you are adding/maintaining
- Identify the processors you want to assign/activate for the indicated Environment ID
- Configure the Noun Assignments for the On-Ramp Service Processor in the designated Environment ID
- Identify the priority each processor should run at.

Configure the On-Ramp Server Processor for each environment to be connected.

**Note:** If the On-Ramp Processor is currently active, it must be stopped before you can make changes through this option.

### On-Ramp Service Processor Configuration

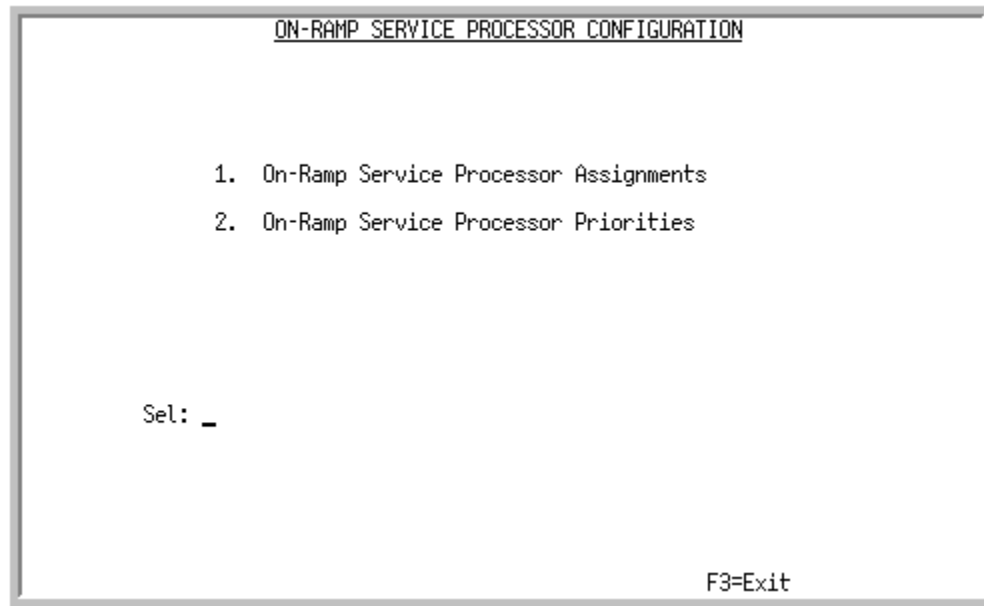
The screens and/or reports in this option and a brief description are listed in the following table. A complete description of each screen/report is contained in this section.

Title	Purpose
<a href="#">On-Ramp Service Processor Configuration Screen</a>	Used to select to configure On-Ramp Service Processor Assignments or Run Priorities.
<a href="#">On-Ramp Service Processor Assignments Screen</a>	Used to identify the environment whose assignments you are adding/maintaining.
<a href="#">On-Ramp Service Processor Assignments Processor Selection Screen</a>	Used to identify the processors you want to assign/activate for the indicated Environment ID.
<a href="#">On-Ramp Service Processor Noun Assignments Screen</a>	Used to configure the Noun Assignments for the On-Ramp Service Processor in the designated Environment ID.

Title	Purpose
<a href="#">On-Ramp Service Processor Run Priorities Screen</a>	Use this screen to identify the priority each processor should run at.

---

## On-Ramp Service Processor Configuration Screen

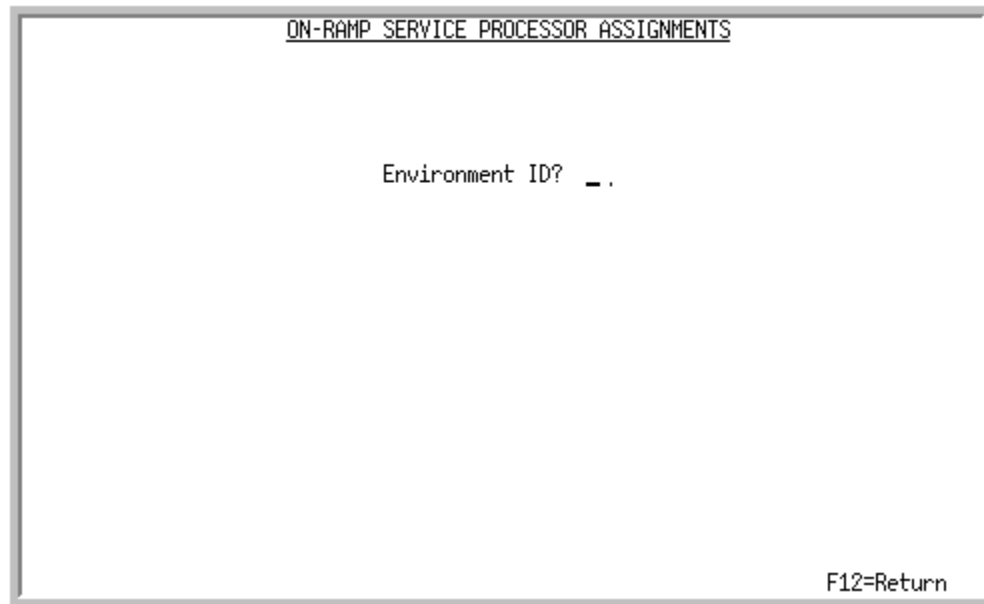


This screen displays after selecting option **12** - [On-Ramp Service Processor Configuration](#) on MENU ESFILE. Use this screen to select to configure On-Ramp Service Processor Assignments or Run Priorities.

### On-Ramp Service Processor Configuration Screen Fields and Function Keys

Field/Function Key	Description
Sel	Use this field to select the type of processor parameters you want to configure for the On-Ramp Service Processor. Key <b>1</b> to configure On-Ramp Service Processor Assignments. Key <b>2</b> to configure On-Ramp Service Processor Priorities. (N 1,0) Required
F3=Exit	Press the <b>F3=EXIT</b> function key to return to MENU ESFILE.
Enter	After keying a value in the <b>Sel</b> field, press the <b>ENTER</b> key to confirm your entry. If you keyed <b>1</b> , the <a href="#">On-Ramp Service Processor Assignments Screen</a> will appear. If you keyed <b>2</b> , the <a href="#">On-Ramp Service Processor Run Priorities Screen</a> will appear.

## On-Ramp Service Processor Assignments Screen



This screen displays after selecting option 1 (assignments) and pressing **ENTER** on the [On-Ramp Service Processor Configuration Screen](#). Use this screen to identify the environment whose assignments you are adding/maintaining.

### On-Ramp Service Processor Assignments Screen Fields and Function Keys

Field/Function Key	Description
Environment ID	Use this field to identify the environment whose assignments you are adding/ maintaining Key a valid Distribution A+ environment. <b>Valid Values:</b> An environment defined through Create an Environment (MENU XACFIG). (A 2) Required
F12=Return	Press the <b>F12=RETURN</b> function key to return to the <a href="#">On-Ramp Service Processor Configuration Screen</a> , without confirming your entry.
Enter	Press the <b>ENTER</b> key to confirm your entry. The <a href="#">On-Ramp Service Processor Assignments Processor Selection Screen</a> will appear.

## On-Ramp Service Processor Assignments Processor Selection Screen

```

ON-RAMP SERVICE PROCESSOR ASSIGNMENTS PROCESSOR SELECTION

Environment ID: CC

Processor 01: Y   Processor 02: N   Processor 03: N   Processor 04: N
Processor 05: N   Processor 06: N   Processor 07: N   Processor 08: N
Processor 09: N   Processor 10: N  Processor 11: N   Processor 12: N
Processor 13: N   Processor 14: N  Processor 15: N   Processor 16: N
Processor 17: N   Processor 18: N  Processor 19: N   Processor 20: N
Processor 21: N   Processor 22: N  Processor 23: N   Processor 24: N
Processor 25: N   Processor 26: N  Processor 27: N   Processor 28: N
Processor 29: N   Processor 30: N

F12=Return

```

This screen displays after pressing **ENTER** on the [On-Ramp Service Processor Assignments Screen](#). Use this screen to identify the processors you want to assign/activate for the indicated Environment ID.

### On-Ramp Service Processor Assignments Processor Selection Screen Fields and Function Keys

Field/Function Key	Description
Environment ID	The Environment ID you selected on the <a href="#">On-Ramp Service Processor Assignments Screen</a> .
Processors 01 – 30	<p>Use this field to identify the processors you want to assign/activate for the indicated Environment ID. There are 30 On-Ramp Service Processors available; however, due to the current ION data mediation limitations, it is recommended that you use Processor 01 only. Daily transactions should process through a single processor. Initial loads that may take a long period of time can be submitted to multiple processors for throughput efficiency.</p> <p>Key <b>Y</b> in the fields corresponding to the Processors that will be used in the indicated Environment ID.</p> <p>Key <b>N</b> in the fields corresponding to the Processors that will not be used in the indicated Environment ID.</p> <p>(A 1) Required</p>

Field/Function Key	Description
F12=Return	Press the <b>F12=RETURN</b> function key to return to the <a href="#">On-Ramp Service Processor Assignments Screen</a> , without confirming your entries.
Enter	Press the <b>ENTER</b> key to confirm your entries. The <a href="#">On-Ramp Service Processor Noun Assignments Screen</a> will appear.

## On-Ramp Service Processor Noun Assignments Screen

ON-RAMP SERVICE PROCESSOR NOUN ASSIGNMENTS		
Environment ID: CC		
Noun	ON-RAMP SERVICE PROCESSORS	
AccountingChart	1	PR
Inbound:	-	50
Outbound:	..	50
AdvanceShipNotice	..	50
Inbound:	..	50
Outbound:	..	50
BillToPartyMaster	..	50
Inbound:	..	50
Outbound:	..	50
BOD	..	50
Inbound:	..	50
Outbound:	..	50
ChartOfAccounts	..	50
Inbound:	..	50
Outbound:	..	50
		More...
	F5=Start Over	F9=Update
		F12=Cancel

This screen displays after pressing **ENTER** on the [On-Ramp Service Processor Assignments Processor Selection Screen](#). Use this screen to configure the Noun Assignments for the On-Ramp Service Processor in the designated Environment ID. You will designate which Inbound and Outbound transactions for the indicated Noun you want used for the On-Ramp Service Processor.

**Note:** This is a roll screen. More... appears at the bottom of a roll screen to indicate that more data is available for viewing. Last appears at the bottom of the last screen of data. To scroll through information on roll screens press:

- **\*PAGE DOWN** or **SHIFT-ROLL FWD** to display the next screen
- **\*PAGE UP** or **SHIFT-ROLL BACK** to display the previous screen.

### On-Ramp Service Processor Noun Assignments Screen Fields and Function Keys

Field/Function Key	Description
Environment ID	The Environment ID you selected on the <a href="#">On-Ramp Service Processor Assignments Screen</a> .

Field/Function Key	Description
Noun (Inbound/ Outbound Processors)	<p>Use these fields to indicate if the On-Ramp Service Processor will be used for Inbound and Outbound transactions for this Noun. All Nouns must be completed prior to updating this screen.</p> <p>Key <b>Y</b> if the On-Ramp Service Processor will be used for Inbound and Outbound for this Noun.</p> <p>Key <b>N</b> if the On-Ramp Service Processor will NOT be used for Inbound and Outbound for this Noun.</p> <p>(A 1) Required</p>
PR	<p>Use these fields to indicate the processing priority of the indicated Noun's Inbound and Outbound transactions.</p> <p>Key the processing priority for each Inbound and Outbound transaction for the indicated Noun. The lower the number, the higher the priority.</p> <p><b>Default Value:</b> 50</p> <p><b>Valid Values:</b> 1 to 99</p> <p>(N 2.0) Required</p>
F5=Start Over	<p>Press the <b>F5=START OVER</b> function key to reset the values displayed on this screen to the last updated values. All changes will be lost, and you will be returned to the <a href="#">On-Ramp Service Processor Assignments Screen</a>.</p>
F9=Update	<p>Once all Nouns contain a <b>Y</b> or <b>N</b> value in the <b>Inbound/Outbound</b> fields and you have paged through all Nouns, press the <b>F9=UPDATE</b> function key to update this screen with your entries or changes. You will be returned to the <a href="#">On-Ramp Service Processor Assignments Screen</a>.</p>
F12=Cancel	<p>Press the <b>F12=CANCEL</b> function key to return to the <a href="#">On-Ramp Service Processor Assignments Processor Selection Screen</a>, without updating any changes.</p>

## On-Ramp Service Processor Run Priorities Screen

ON-RAMP SERVICE PROCESSOR RUN PRIORITIES

```

Processor 01: 50 . Processor 02: 50 . Processor 03: 50 . Processor 04: 50 .
Processor 05: 50 . Processor 06: 50 . Processor 07: 50 . Processor 08: 50 .
Processor 09: 50 . Processor 10: 50 . Processor 11: 50 . Processor 12: 50 .
Processor 13: 50 . Processor 14: 50 . Processor 15: 50 . Processor 16: 50 .
Processor 17: 50 . Processor 18: 50 . Processor 19: 50 . Processor 20: 50 .
Processor 21: 50 . Processor 22: 50 . Processor 23: 50 . Processor 24: 50 .
Processor 25: 50 . Processor 26: 50 . Processor 27: 50 . Processor 28: 50 .
Processor 29: 50 . Processor 30: 50 .

```

F12=Return

This screen displays after selecting option **2** (priorities) and pressing **ENTER** on the [On-Ramp Service Processor Configuration Screen](#). Use this screen to identify the priority each processor should run at.

### On-Ramp Service Processor Run Priorities Screen Fields and Function Keys

Field/Function Key	Description
Processors 01 – 30	<p>Use these fields to identify the priority each processor should run at; the lower the number, the higher the priority.</p> <p>Key the run priority for each processor thread.</p> <p><b>Default Value:</b> 50</p> <p><b>Valid Values:</b> 1 to 99; where 1 is the highest; 99 is the lowest</p>
F12=Return	Press the <b>F12=RETURN</b> function key to return to the <a href="#">On-Ramp Service Processor Configuration Screen</a> , without confirming your entries.
Enter	Press the <b>ENTER</b> key to confirm your entries. The <a href="#">On-Ramp Service Processor Configuration Screen</a> will appear.

## Chapter 9 Code Cross Reference

As each ERP can have its own forms of master data, such as units of measure, country codes, and currencies, one requirement of the integration enablement is to standardize the common types of master data codes using standard ISO codes. As part of this standardization of data, before sending out BODs from Distribution A+, Distribution A+ specific non-standard codes need to be replaced with their standard equivalent. And, when receiving Inbound BODs published by other Infor applications, these standard ISO codes will be replaced with the Distribution A+ specific code, if it is different.

Identify which non-standard Distribution A+ master data codes require a cross reference, by running the Non-Standard Codes Report (MENU ESFILE). Then, use Code Cross Reference to create a cross reference from the non-standard Distribution A+ codes to the standard ISO codes.

A cross reference will need to be created for each non-standard Distribution A+ code listed on the report (enabling replacing the specific non-standard code with its standard ISO equivalent in BODs sent from Distribution A+), in order to standardize the common types of master data using standard ISO codes. Additionally, when a new non-standard code is added, a cross reference record should be added to ensure that Distribution A+ BODs that use this code will be accepted.

**Important:** The sequence of the standard process in which the options should be run is to first select Import Standard Codes (MENU ESFILE) to import data from the ISO files placed in the IFS Path directory called **soacode**, during the installation process, which will populate the standard codes in Distribution A+. Next, run the Non-Standard Codes Report (which identifies what Distribution A+ codes require a cross reference to standard ISO codes), and finally, run this option, to create a cross reference between the non-standard Distribution A+ codes and standard ISO codes.

### Code Cross Reference

The screens and/or reports in this option and a brief description are listed in the following table. A complete description of each screen/report is contained in this section.

Title	Purpose
<a href="#">Extension Solution Code to Agency Code Cross Reference Screen</a>	Used to select the Code Type for which an agency code cross reference record will be created.

---

Title	Purpose
<a href="#">Extension Solution Code to Agency Code Cross Reference Code Selection Screen</a>	Used to identify the non-standard Distribution A+ code for which you are adding, changing or deleting a cross reference.
<a href="#">Extension Solution Code to Agency Code Cross Reference Screen</a>	Used to review, maintain or delete existing cross reference records.
<a href="#">Extension Solution Code to Agency Code Cross Reference Standards Code Assignment Screen</a>	Used to identify the standard agency code that will be used to replace the non-standard Distribution A+ code.

---

## Extension Solution Code to Agency Code Cross Reference Screen

EXTENSION SOLUTION CODE TO AGENCY CODE CROSS REFERENCE

Code Type? - .....

F3=Exit

This screen displays after selecting option **15** - [Code Cross Reference](#) on MENU ESFILE.

**Technical Note:** This is a shared screen that displays in multiple places. The actual screen format name is ES925FM\_CODTYP.

Use this screen to select the **Code Type** for which a cross reference will be created.

### Non-Standard Codes Report Screen Fields and Function Keys

Field/Function Key	Description
Code Type	Use this field to identify the code type for which a code cross reference will be created. Key a valid code type. <b>Valid Values:</b> A valid system defined Distribution A+ code type (A 10) Required
F3=Exit	Press the <b>F3=EXIT</b> function key to return to MENU ESFILE.
Enter	Press the <b>ENTER</b> key to confirm your entry. The <a href="#">Extension Solution Code to Agency Code Cross Reference Code Selection Screen</a> will appear.

## Extension Solution Code to Agency Code Cross Reference Code Selection Screen

```

EXTENSION SOLUTION CODE TO AGENCY CODE CROSS REFERENCE
CODE SELECTION

Code Type:          STAT      STATE/PROVINCE CODE
Standard Code List: CountrySubdivisionCode
Standards Agency:   ISO

Function:          _      (A,C,D)
Code?              .....

F3=Exit          F5=List          F12=Return

```

This screen displays after pressing **ENTER** on the [Extension Solution Code to Agency Code Cross Reference Screen](#). Use this screen to identify the non-standard Distribution A+ code for which you are adding, changing or deleting a cross reference.

### Extension Solution Code to Agency Code Cross Reference Code Selection Screen Fields and Function Keys

Field/Function Key	Description
Code Type	The code type you selected on the <a href="#">Extension Solution Code to Agency Code Cross Reference Screen</a> . Display
Standard Code List	The Standard Code List name used in BODs. Display
Standards Agency	The Standards Agency (currently, the International Organization for Standardization (ISO)). Display

Field/Function Key	Description
Function	Use this field to select the function you are performing. Key <b>A</b> to add a new cross reference record. Key <b>C</b> to change an existing cross reference record. Key <b>D</b> to delete an existing cross reference record. (A 1) Required
Code	This is the non-standard Distribution A+ code for which you are adding, changing or deleting a cross reference. Key the non-standard Distribution A+ code to be cross referenced. (A 35) Required
F3=Exit	Press the <b>F3=EXIT</b> function key to return to MENU ESFILE.
F5=List	After keying <b>C</b> or <b>D</b> in the <b>Function</b> field, press the <b>F5=LIST</b> function key to display a list of existing cross reference records. The <a href="#">Extension Solution Code to Agency Code Cross Reference Screen</a> will appear.
F12=Return	Press the <b>F12=RETURN</b> function key to return to the <a href="#">Extension Solution Code to Agency Code Cross Reference Screen</a> .
Enter	Press the <b>ENTER</b> key to confirm your entries. The <a href="#">Extension Solution Code to Agency Code Cross Reference Standards Code Assignment Screen</a> will appear.

## Extension Solution Code to Agency Code Cross Reference Screen

```

EXTENSION SOLUTION CODE TO AGENCY CODE CROSS REFERENCE

Code Type:          CTID          COUNTRY ID
Standard Code List: CountryCode
Standards Agency:   ISO

Standards Agency Code          Code
1 CA                            CAN
2 DE                            GER
3 IT                            ITA
4 MX                            MEX
5 US                            USA

Sel: ...      Position: .....

F5=Standards Code Sort      F7=Code Description      F12=Return

```

This screen displays after pressing **F5=LIST** on the [Extension Solution Code to Agency Code Cross Reference Code Selection Screen](#). Use this screen to review, maintain or delete existing cross reference records.

### Extension Solution Code to Agency Code Cross Reference Screen Fields and Function Keys

Field/Function Key	Description
Code Type	The code type you selected on the <a href="#">Extension Solution Code to Agency Code Cross Reference Screen</a> . Display
Standard Code List	The Standard Code List name used in BODs. Display
Standards Agency	The Standards Agency (currently, the International Organization for Standardization (ISO)). Display
(Reference Number)	This is the reference number associated with the corresponding cross reference. Use this number to select the corresponding cross reference (that you want to maintain or delete) by keying this number in the <b>Sel</b> field. Display

Field/Function Key	Description
Standards Agency Code	<p>This is the standard ISO code for which a cross reference record exists to the non-standard Distribution A+ code, listed in the <b>Code</b> field. This standard ISO code is used to replace the non-standard Distribution A+ code.</p> <p>Display</p>
Code / Code Description	<p>This is the non-standard Distribution A+ code for which a cross reference record exists to the standard ISO code, listed in the <b>Standards Agency Code</b> field.</p> <p>The description of the non-standard code can be shown by pressing the <b>F7=CODE DESCRIPTION / F7=CODE</b> toggle function key.</p> <p>Display</p>
Sel	<p>Use this field to select a cross-reference record. Key the corresponding <b>Reference Number</b> of the cross-reference record you want to select and press <b>ENTER</b>.</p> <p>(N 2,0) Optional</p>
Position	<p>Use this field to reposition the list using the Standards Agency Code. Key the Standards Agency Code.</p> <p>(A 27) Optional</p>
F5=Standards Code Sort / F5=Code Sort	<p>Press the <b>F5=STANDARDS CODE SORT / F5=CODE SORT</b> toggle function key to toggle between sorting (alphabetically) the Standards Agency Code(s) or Distribution A+ Code(s).</p>
F7=Code Description / F7=Code	<p>Press the <b>F7=CODE DESCRIPTION / F7=CODE</b> toggle function key to toggle between showing the non-standard Distribution A+ code or description of the code.</p>
F12=Return	<p>Press the <b>F12=RETURN</b> function key to return to the <a href="#">Extension Solution Code to Agency Code Cross Reference Code Selection Screen</a>, without confirming your selection, if any.</p>
Enter	<p>After keying a reference number in the <b>Sel</b> field, press the <b>ENTER</b> key to confirm your entry. The <a href="#">Extension Solution Code to Agency Code Cross Reference Standards Code Assignment Screen</a> will appear.</p>

## Extension Solution Code to Agency Code Cross Reference Standards Code Assignment Screen

```

EXTENSION SOLUTION CODE TO AGENCY CODE CROSS REFERENCE
STANDARDS CODE ASSIGNMENT

Code Type:          CTID          COUNTRY ID
Standard Code List: CountryCode
Standards Agency:   ISO

Code:              AUS
Standards Agency Code? .....

F12=Return
  
```

This screen displays after pressing **ENTER** on the [Extension Solution Code to Agency Code Cross Reference Code Selection Screen](#) or [Extension Solution Code to Agency Code Cross Reference Screen](#). Use this screen to identify the standard agency code that will be used to replace the non-standard Distribution A+ code.

### Extension Solution Code to Agency Code Cross Reference Standards Code Assignment Screen Fields and Function Keys

Field/Function Key	Description
(Mode)	The mode you are in: <b>Add</b> displays if you are adding a cross reference record; <b>Change</b> displays if you are maintaining an existing cross reference record; <b>Delete</b> displays if you are deleting an existing cross reference record. Display
Code Type	The code type you selected on the <a href="#">Extension Solution Code to Agency Code Cross Reference Screen</a> . Display
Standard Code List	The Standard Code List name used in BODs. Display

Field/Function Key	Description
Standards Agency	The Standards Agency (currently, the International Organization for Standardization (ISO)). Display
Code	The non-standard Distribution A+ code for which you are adding, changing or deleting a standard ISO cross reference. Display
Standards Agency Code	Use this field to identify the standard ISO code for that will be used to replace the non-standard Distribution A+ code, listed in the <b>Code</b> field. Key a valid standards agency code for which you are adding, changing, or deleting a cross reference record. (A 35) Required
F12=Return	Press the <b>F12=RETURN</b> function key to return to the <a href="#">Extension Solution Code to Agency Code Cross Reference Code Selection Screen</a> , without updating this screen.
F24=Delete	The <b>F24=DELETE</b> function key displays only in the delete mode. Press the <b>F24=DELETE</b> function key to delete the cross reference record. You will be prompted to press <b>F24=DELETE</b> again to confirm deletion. The <a href="#">Extension Solution Code to Agency Code Cross Reference Code Selection Screen</a> will appear.
Enter	Press the <b>ENTER</b> key to confirm your entry. The <a href="#">Extension Solution Code to Agency Code Cross Reference Code Selection Screen</a> will appear.

## Chapter 10 Import Standard Codes

Use Import Standard Codes (MENU ESFILE) to import standard codes from a text file and fill Distribution A+ tables with this data. The expected Import Path name is \IFS\ROOT\soacode. The codes and the path are established and loaded during the installation process.

Using any text editor, create a text file called XXXX.txt, where XXXX is the **Code Type** to be imported:

- **UNMS.TXT** for units of measure
- **CURR.TXT** for currency codes
- **CTID.TXT** for country codes

Each code is a separate record in the text file.

### Sample CURR.TXT file

CAD

EUR

GBP

MXN

USD

Run this program separately for each standard code that needs a cross reference. Refer to [APPENDIX B: International Organization for Standardization \(ISO\)](#) for more information.

The Infor Distribution A+ ION Integration Guide also has instructions to copy sample files from the installation CD images. If you only use a few units of measure, currency codes or country codes, it may be simpler to key the codes that you use instead of loading all that are available.

## Import Standard Codes

The screens and/or reports in this option and a brief description are listed in the following table. A complete description of each screen/report is contained in this section.

Title	Purpose
<a href="#">Import Standard Codes Screen</a>	Used to select the <b>Code Type</b> for which an agency code will be used for importing standard codes.

---

## Import Standard Codes Screen

IMPORT STANDARD CODES

Code Type? - .....

F3=Exit

This screen displays when you key **16** - [Import Standard Codes](#) on MENU ESFILE.

**Technical Note:** This is a shared screen that displays in multiple places. The actual screen format name is ES925FM\_CODTYP.

Use this screen to select the **Code Type** for which standard codes will be imported.

### Non-Standard Codes Report Screen Fields and Function Keys

Field/Function Key	Description
Code Type	Use this field to identify the code type for which standard codes will be imported. Key a valid code type. <b>Valid Values:</b> A valid system defined Distribution A+ code type (as viewed by keying ? in this field and pressing <b>ENTER</b> ). (A 10) Required
F3=Exit	Press the <b>F3=EXIT</b> function key to return to MENU ESFILE.
Enter	Press the <b>ENTER</b> key to confirm your entry. If you accessed this screen from option <b>16</b> - <a href="#">Import Standard Codes</a> , you will be returned to MENU ESFILE.

## Chapter 11 Non-Standard Codes Report

Use [Non-Standard Codes Report](#) (MENU ESFILE) for each common code type used in your integration(s), to print a listing of all the Distribution A+ non-standard codes that do not have a cross reference to any of the standard ISO codes (that is, they do not match any of the standard ISO codes).

Once you have identified which non-standard Distribution A+ codes require a cross reference, use [Code Cross Reference](#) (MENU ESFILE) to create a cross reference to the standard ISO codes. A cross reference will need to be created for each non-standard code listed on the report (replacing the specific non-standard code with its standard equivalent), in order to standardize the common types of Master Data using standard ISO codes.

### Non-Standard Codes Report

The screens and/or reports in this option and a brief description are listed in the following table. A complete description of each screen/report is contained in this section.

Title	Purpose
<a href="#">Non-Standard Codes Report Screen</a>	Used to select the <b>Code Type</b> to be used for the report.
<a href="#">Non-Standard Report</a>	Prints all non-standardized codes for the <b>Code Type</b> you selected.

## Non-Standard Codes Report Screen

This screen displays when selecting option **17- [Non-Standard Codes Report](#)** on MENU ESFILE.

**Technical Note:** This is a shared screen that displays in multiple places. The actual screen format name is ES925FM\_CODTYP.

Use this screen to select the **Code Type** for which the report will print.

### Non-Standard Codes Report Screen Fields and Function Keys

Field/Function Key	Description
Code Type	Use this field to identify the code type for which the report will print Key a valid code type. <b>Valid Values:</b> A valid system defined Distribution A+ code type (as viewed by keying ? in this field and pressing <b>ENTER</b> ). (A 10) Required
F3=Exit	Press the <b>F3=EXIT</b> function key to return to MENU ESFILE.
Enter	Press the <b>ENTER</b> key to confirm your entry. The Report Options Screen will display (refer to the Infor Distribution A+ Cross Applications User Guide for details about this screen).

## Non-Standard Report

Currency		
Code	Name	Symbol
AUD	Australian Dollars	AU\$
BPS	British Pound Sterling	B#S
CAD	Canadian Dollars	CA\$
ECU	European Currency Unit	EC\
ESP	Spanish Peseta	S>P
FRF	French Francs	FR@
GDM	German Deutschemark	DM#
ITL	Italian Lira	IT{
JYN	Japanese Yen	YN>
MPS	Mexican Pesos	PS<
RRB	Russian Ruble	RB&
USD	US Dollars	US\$

The Non-Standard Report prints following your selections on the Report Options Screen (refer to the Infor Distribution A+ Cross Applications User Guide for details about this screen).

The title and data on this report will vary depending on the **Code Type** you selected through this option. This report will print all non-standardized codes for the **Code Type** you selected.

## Chapter 12 Integrating Application Maintenance

Use [Integrating Application Maintenance](#) to identify which Infor applications are integrating to Distribution A+. Infor application instances are defined in ION as connection points with a unique Logical ID.

When Show BODs are placed in the Outbox of Distribution A+, the header table needs the unique **Logical ID** of the receiving Infor application. Infor ION will pick up the Show BODs and deliver them to the Inbox table of the application's connection point with this Logical ID.

### Integrating Application Maintenance

The screens and/or reports in this option and a brief description are listed in the following table. A complete description of each screen/report is contained in this section.

Title	Purpose
<a href="#">Integrating Application Maintenance Prompt Screen</a>	Use to specify the integrating application to maintain.
<a href="#">Integrating Application Question Mark Window</a>	Use to search for an integrating application.
<a href="#">Integrating Application Maintenance Screen</a>	Use to define the unique Logical ID for the integrating application.

## Integrating Application Maintenance Prompt Screen

```

INTEGRATING APPLICATION MAINTENANCE

Function:      _ (A,C,D)
Application Name? .....

F3=Exit
  
```

This screen displays after selection option **17** - [Integrating Application Maintenance](#) (MENU ESFILE). Use this screen to define Infor applications that integrate with Distribution A+ by exchanging BODs.

### Integrating Application Maintenance Prompt Screen Fields and Function Keys

Field/Function Key	Description
Function	Key <b>A</b> to add a new Application Name. Key <b>C</b> to change an existing Application Name. Key <b>D</b> to delete an Application Name. (A 1) Required
Application Name	The application name is the name of an Infor ION application that will exchange BOD Data with Distribution A+. Key a unique application name. (A 20) Required
F3=Exit	Press <b>F3=EXIT</b> to cancel this option and return to the menu.
Enter	Press <b>ENTER</b> to confirm your selections. The <a href="#">Integrating Application Maintenance Screen</a> displays.

## Integrating Application Question Mark Window

<u>Application Name</u>	<u>Description</u>
1 INFOR BUSINESS VAULT	A+ Integration Business Vault
2 INFOR CRM	A+ Integration to CRM
3 INFOR INFORCE	A+ Integration to Inforce
4 INFOR MINGLE	A+ Integration to Ming.le

Sel: , , Last F12=Return

This screen displays after keying a ? on the [Integrating Application Maintenance Prompt Screen](#). Use this screen to select an application for maintenance or deletion.

### Integrating Application Question Mark Window Fields and Function Keys

Field/Function Key	Description
(Reference Number)	Use the reference number to select an application for maintenance or deletion. Display
Application Name	The name of an Infor application that exchanges BOD Data with Distribution A+. Display
Description	The description of the Infor application as it relates to your integration with Distribution A+. Display
Sel	Key the <b>Reference Number</b> of the application to be selected. (A 1) Required
F12=Return	Press <b>F12=RETURN</b> to return to the <a href="#">Integrating Application Maintenance Prompt Screen</a> without selecting an application.
Enter	With a value in the <b>Sel</b> field, press <b>ENTER</b> to select that specific application and display the <a href="#">Integrating Application Maintenance Prompt Screen</a> .

## Integrating Application Maintenance Screen

```

INTEGRATING APPLICATION MAINTENANCE          CHANGE

Application Name:  INFOR INFORCE

Logical ID:       ,infor,aplus,inforce,.....
Description:     A+, Integration to Inforce,.....

F12=Return
  
```

This screen displays after selecting to add, change, or delete an **Application Name** and pressing **ENTER** [Integrating Application Maintenance Prompt Screen](#). Use this screen to define Infor applications that integrate with Distribution A+ by exchanging BODs.

### Integrating Application Maintenance Screen Fields and Function Keys

Field/Function Key	Description
(Mode)	The type of function being performed: <b>Add, Change, Delete</b> .
Application Name	The name of the application selected on the previous screen. Display
Logical ID	Key the <b>Logical ID</b> of the selected application as defined in ION connection point. The Logical ID must be unique in the SOA Integrating Applications File ( <b>SOAIAPL</b> ). (A 50) Required
Description	Key the description of the application as it relates to your integration with Distribution A+; for example, Aplus test integration. (A 30) Required
F12=Return	Press <b>F12=RETURN</b> to return to the <a href="#">Integrating Application Maintenance Prompt Screen</a> without saving any changes made on this screen.

---

Field/Function Key	Description
F24=Delete	Press <b>F24=DELETE</b> to delete the selected <b>Application Name</b> . Press <b>F24=DELETE</b> a second time to confirm the deletion.
Enter	Press <b>ENTER</b> to confirm your selections. The <a href="#">Integrating Application Maintenance Prompt Screen</a> displays.

---

## Chapter 13 Noun User Area Maintenance

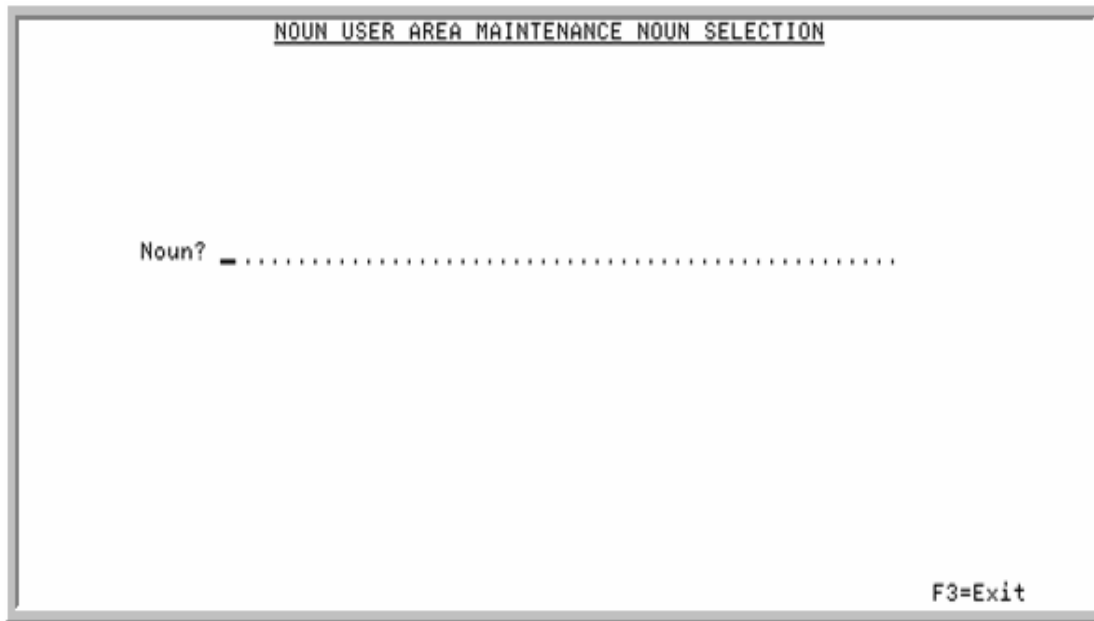
Noun User Area Maintenance allows the definition of **UserArea** elements of a Noun that provide additional mappings required for a specific ION integration that may not exist in the BOD mapping defined by the standard InforOAGIS schema for BOD Nouns. InforOAGIS schema provides a place in a noun element called **UserArea** that can be used to carry additional “non-standard” information. Noun mapping programs can insert additional data in the **UserArea** elements based on definitions created through this Noun User Area Maintenance.

### Noun User Area Maintenance

The screens and/or reports in this option and a brief description are listed in the following table. A complete description of each screen/report is contained in this section.

Title	Purpose
<a href="#">Noun User Area Maintenance Noun Selection Screen</a>	Use to select a Noun to maintain noun-specific User Area definitions.
<a href="#">Noun User Area Maintenance Noun Level Selection Screen</a>	Use to select which Noun Level will have User Area definitions created.
<a href="#">Noun User Area Element Selection Screen</a>	Use to review the data elements assigned to the User Area definition and select to add/maintain data elements.
<a href="#">Noun User Area Element Maintenance Screen</a>	Use to add/maintain the data elements for the noun and noun level selected.
<a href="#">File Field Selection Screen</a>	Use to review and select the fields for the data element based on the file associated with the noun level selected.

## Noun User Area Maintenance Noun Selection Screen



This screen displays after selection option **19** - [Noun User Area Maintenance](#) (MENU ESFILE). Use this screen to select the **Noun** that requires additional User Area elements to identify the source of additional noun data.

**Note:** Some user area element definitions are predefined by Distribution A+ to be used in ION integrations with other Infor applications where user area elements are used.

### User Area Maintenance Noun Selection Screen Fields and Function Keys

Field/Function Key	Description
Noun	Use this field to identify the Noun (Document Name) of the BOD object for the outbound BOD. A Noun represents the type of data in the document. Key a valid Noun. Key <b>?</b> and press <b>ENTER</b> to display the <a href="#">Noun Question Mark Window</a> . <b>Valid Values:</b> Valid nouns are provided with Extension Solution. Noun values are all are case sensitive. (A 50) Required
F3=Exit	Press <b>F3=EXIT</b> to cancel this option and return to the menu.
Enter	Press <b>ENTER</b> to confirm your selections. The <a href="#">Noun User Area Maintenance Noun Level Selection Screen</a> displays.

## Noun User Area Maintenance Noun Level Selection Screen

```
NOUN USER AREA MAINTENANCE NOUN LEVEL SELECTION

Noun: Person
Level: _ 1 = Person

Noun Type: .. 1 = Salesrep
              2 = Buyer
              3 = PO Approver

F12=Return
```

This screen displays after selecting a **Noun** on the Noun User Area Maintenance Noun Selection Screen. Use this screen to select the level associated with the **Noun** to create the User Area Elements.

Based on the **Noun** selected, the associated noun specific levels, and, in some cases, noun types are provided. The number and the names of the levels are based on the noun structure defined in the noun schema. For example, the SalesOrder Noun has 3 levels: SalesOrderHeader, SalesOrderLine, SalesOrderSchedule.

In many cases, a Noun is represented in Distribution A+ by a main file(s) that has the same business meaning. For example, ItemMaster noun is represented by the Item Master File (**ITMST**), SalesOrder noun with the Order Header File (**ORHED**) and Order Detail File (**ORDET**). But in some cases, a noun meaning is such that the source of it can come from different business areas in Distribution A+. For example, in Distribution A+ the source of the Person noun could be either SalesRep [Sales Rep Maser File (**REPMS**)], Buyer [Buyer Codes from Order Control File (**ORCTL**)], or PO Approver [PO Approval Code File (**POAPR**)]. For those situations, the Noun Type selection fields will display on this screen.

### Noun User Area Maintenance Noun Level Selection Screen Fields and Function Keys

Field/Function Key	Description
Noun	This field displays the <b>Noun</b> you selected on the <a href="#">Noun User Area Maintenance Noun Selection Screen</a> Display
Level	Select the <b>Noun Level</b> which will have User Area Elements assigned. <b>Valid Values:</b> The reference number displayed for the specific level of the selected <b>Noun</b> . (A 1) Required
Noun Type	The <b>Noun Type</b> field only displays for specific nouns requiring additional definition. Select the <b>Noun Type</b> which will have User Area Elements assigned. <b>Valid Values:</b> The reference number displayed for the specific noun type of the selected <b>Noun</b> . (A 1) Required when displayed
F12=Return	Press <b>F12=RETURN</b> to return to the <a href="#">Noun User Area Maintenance Noun Selection Screen</a> .
Enter	Press <b>ENTER</b> to confirm your selections. The <a href="#">Noun User Area Element Selection Screen</a> displays.

## Noun User Area Element Selection Screen

```

NOUN USER AREA ELEMENTS SELECTION

Noun: Person
Level: 1 = Person
File: REPMS
SA Sales Rep Master
SM
  Field      Name      Type
 1  SMCONO   Company_Number      Integer
 2  SMRP#1   Sales_Representative_Numb Integer
 3  SMRPNM   Sales_Representative_Name String
 4  SMSLMD   Sales_-_Month_to_Date Decimal
 5  SMORMD   Number_of_Orders_-_Month_ Integer

Select: ... Last
F5=Add      F10=Maintain      F12=Return
    
```

This screen displays a list of the existing **UserArea** definitions after selecting a **Noun**, **Level**, and **Type** and pressing **ENTER** on the [Noun User Area Maintenance Noun Level Selection Screen](#). Use this screen to add or maintain **UserArea** definitions for the selected **Noun**, **Level** and **Noun Type**.

Each definition include a noun, noun level, type (if used), source file, a source file field that will provide the value of the **UserArea** element, and the value used for the Name and Type attributes that are used to indicate the nature of **UserArea** element data.

**Note:** Each noun level will have only one Distribution A+ main source file representing it in this maintenance program. For cases when more than one file is used in mapping, we will use one of them since fields should be mostly the same. Mapping programs will use defined fields and get the values of these fields from the correct file. For example, for Open Order Header File (**ORHED**) and Order History Header File (**HSLED**), we will use Open Order Header File (**ORHED**) as the main file since Order History Header File has mostly the same fields.

### Noun User Area Elements Selection Screen Fields and Function Keys

Field/Function Key	Description
Noun	The <b>Noun</b> selected on the <a href="#">Noun User Area Maintenance Noun Selection Screen</a> . Display
Level	The <b>Noun Level</b> selected on the <a href="#">Noun User Area Maintenance Noun Level Selection Screen</a> . Display

Field/Function Key	Description
File	The Distribution A+ file name and description associated with the <b>Noun</b> , <b>Level</b> , and <b>Noun Type</b> (if used) selected on the <a href="#">Noun User Area Maintenance Noun Level Selection Screen</a> Display
(Reference Number)	The reference number assigned to the fields being displayed from the file assigned to the Noun Type. Use this value in the <b>Select</b> field to add or maintain <b>UserArea</b> elements. Display
Field	The field name of the file associated with the selected <b>Noun</b> , <b>Level</b> , and <b>Noun Type</b> (if used). The value of this field will provide the value of the <b>UserArea</b> element. Display
Name	The name attribute of the <b>UserArea</b> element that will be used by the mapping file. Display
Type	The type attribute from the <b>UserArea</b> element that will be used by the mapping file. When standard <b>Type</b> characteristics are used, you may see the following: <ul style="list-style-type: none"> <li>• <b>Date</b> shows for fields that are defined as date</li> <li>• <b>Decimal</b> shows for fields that are defined as decimal or numeric with decimal positions greater than zero</li> <li>• <b>Integer</b> shows for fields that are defined as decimal or numeric with zero decimal positions</li> <li>• <b>String</b> shows for character or variable character fields</li> <li>• <b>Time</b> shows for fields that are defined as Time or TimeStamp</li> </ul> Else, whatever customized data was entered on the <a href="#">Noun User Area Element Maintenance Screen</a> displays. Display
Select	Key the <b>Reference Number</b> of the <b>Field</b> to be maintained. (A 2) Required
F5=Add	Press <b>F5=ADD</b> to add a new UserArea element definition. The <a href="#">Noun User Area Element Maintenance Screen</a> displays.
F10=Maintain	Press <b>F10=MAINTAIN</b> to maintain the selected UserArea element definition. The <a href="#">Noun User Area Element Maintenance Screen</a> displays.
F12=Return	Press <b>F2=RETURN</b> to return to the <a href="#">Noun User Area Maintenance Noun Level Selection Screen</a> without saving any changes made on this screen.



## Noun User Area Element Maintenance Screen

```

                NOUN USER AREA ELEMENT MAINTENANCE

Noun:  Person
Level: 1 = Person

User Area Element Value Source
File:  REPMS              SA Sales Rep Master           SM
Field: SM$LYD..... Sales - Year to Date

User Area Element Attributes
Name:  Sales__Year_to_Date.....
Type:  Decimal.....

F4=Field List          F5=Add          F12=Return
    
```

This screen displays after selecting to add a new User Area Element definition or maintain an existing one on the Noun User Area Element Maintenance Screen. Use this screen to select the specific field and attributes to be mapped to the User Area Element.

**Note:** Records marked as system defined in the SOA Noun User Area File (**SOANUSR**) will be protected and display only.

### Noun User Area Element Maintenance Screen Fields and Function Keys

Field/Function Key	Description
Noun	The <b>Noun</b> selected on the <a href="#">Noun User Area Maintenance Noun Selection Screen</a> . Display
Level	The <b>Noun Level</b> selected on the <a href="#">Noun User Area Maintenance Noun Level Selection Screen</a> . Display
File	The Distribution A+ file name and description associated with the <b>Noun</b> , <b>Level</b> , and <b>Noun Type</b> (if used) selected on the <a href="#">Noun User Area Maintenance Noun Level Selection Screen</a> . Display

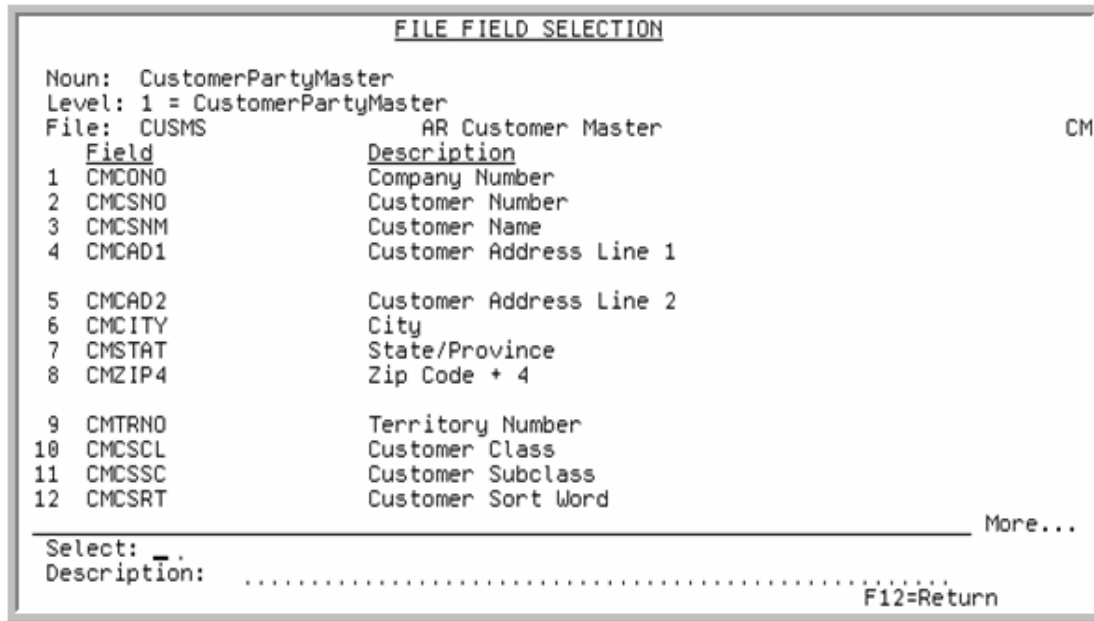
Field/Function Key	Description
Field	<p>The <b>Field</b> is display only when maintaining an existing element.</p> <p>The actual field name from the Distribution A+ file associated with the selected <b>Noun</b>, <b>Level</b>, and <b>Noun Type</b> (if used). The field description will display to the right.</p> <p>Key the field name to be added as a UserArea element for the selected <b>Noun</b>. If you don't know the field name, use the <b>F4=FIELD LIST</b> to display a list of fields for the file.</p> <p><b>Valid Values:</b> a valid field name from the DDS source of the physical file</p> <p>(A 10) Required/Display</p>
Name	<p>The name attribute of the <b>UserArea</b> element that will be used by the mapping file. For a new element, key the description that will be most easily recognized by the users in the integrating application.</p> <p><b>Default Value:</b> The field description from the DDS of the physical file with the spaces replaced by an underscore.</p> <p><b>Valid Values:</b> any string of characters without spaces</p> <p>(A 25) Required</p>
Type	<p>The type attribute from the <b>UserArea</b> element that will be used by the mapping file. For a new element, key the data type cross reference for the <b>Name</b> attribute that will be most easily recognized by the users in the integrating application.</p> <p><b>Default Value:</b> the field data type cross reference. <b>Date</b> shows for fields that are defined as date, <b>Decimal</b> shows for fields that are defined as decimal or numeric with decimal positions greater than zero, <b>Integer</b> shows for fields that are defined as decimal or numeric with zero decimal positions, <b>String</b> shows for character or variable character fields and <b>Time</b> shows for fields that are defined as Time or TimeStamp.</p> <p><b>Valid Values:</b> any string of characters without spaces</p> <p>(A 25) Required</p>
F4=Field List	<p>The <b>F4=FIELD LIST</b> key only displays when adding a new element. Press the <b>F4=FIELD LIST</b> key to view a list of fields for the selected physical file. The <a href="#">File Field Selection Screen</a> displays.</p>
F5=Add	<p>The <b>F5=ADD</b> key only displays when adding a new element. Press <b>F5=ADD</b> to add the UserArea element. The <a href="#">Noun User Area Element Selection Screen</a> displays.</p>

---

Field/Function Key	Description
F10=Update	The <b>F10=UPDATE</b> key only displays when maintaining an existing element. Press the <b>F10=UPDATE</b> key to update the changes to the noun user area element. The <a href="#">Noun User Area Element Selection Screen</a> displays.
F12=Return	Press <b>F12=RETURN</b> to return to the <a href="#">Noun User Area Element Selection Screen</a> without saving any changes made on this screen.
F24=Delete	The <b>F24=DELETE</b> key only displays when maintaining an existing element. Press <b>F24=DELETE</b> to delete the selected element. Press <b>F24=DELETE</b> a second time to confirm the deletion.
Enter	Press <b>ENTER</b> to confirm your selections. The <a href="#">Noun User Area Element Selection Screen</a> displays.

---

## File Field Selection Screen



This screen displays after pressing **F4=FIELD LIST** on the [Noun User Area Element Maintenance Screen](#). Use this screen to find and select the **Field** names for the selected Distribution A+ main source physical file.

**Note:** Each noun level will have only one main Distribution A+ source file representing it in this maintenance program. In cases where a field does not exist in the main source file, the field from the secondary source file will display at the end of the field list.

### File Field Selection Screen Fields and Function Keys

Field/Function Key	Description
Noun	The <b>Noun</b> selected on the <a href="#">Noun User Area Maintenance Noun Selection Screen</a> . Display
Level	The <b>Noun Level</b> selected on the <a href="#">Noun User Area Maintenance Noun Level Selection Screen</a> . Display
File	The Distribution A+ file name and description associated with the <b>Noun</b> , <b>Level</b> , and <b>Noun Type</b> (if used) selected on the <a href="#">Noun User Area Maintenance Noun Level Selection Screen</a> . Display

Field/Function Key	Description
(Reference Number)	The reference number assigned to the fields being displayed from the DDS of the Distribution A+ physical file. Use this value in the <b>Select</b> field to select a specific field for the user area elements. Display
Field	The field name from the DDS of the Distribution A+ physical file. The first 2 positions of the field name are unique to the specific physical file (i.e. CM is Customer Master File and OH is Order Header File) and the last 4 positions are common to the field across all files that contain the field (i.e. CONO is always company number). Display
Name	The field description from the DDS of the Distribution A+ physical file. Display
Select	Key the <b>Reference Number</b> of the <b>Field</b> being selected. (A 2) Required
Description	Use to type in part of the field description to limit the list of the fields displayed to those that match this <b>Description</b> . <b>Default Value:</b> blank
F12=Return	Press <b>F2=RETURN</b> to return to the <a href="#">Noun User Area Element Maintenance Screen</a> without selecting a <b>Field</b> .
Enter	Press <b>ENTER</b> to confirm your selection and return to the <a href="#">Noun User Area Element Maintenance Screen</a> . Press <b>ENTER</b> with <b>Description</b> field data to redisplay the screen with only information that matches the filter information.

## Chapter 14 Extension Solution BOD Load/ Reload

Use [Extension Solution BOD Load/Reload](#) (MENU ESMASST) to perform an initial load or reload of Distribution A+ data by publishing Sync BODS that will be sent by Infor ION to all the Infor applications that are integrated to Distribution A+. Once you have completed the initial load, you can then run [Activate Extension Solution](#) (MENU ESMASST) to enable BOD publishing when changes to business data occur. You can also use this option to perform a reload of data, if needed.

The Sync BODs sent from Distribution A+ will be picked up by ION, forwarded to all subscribing Infor applications, and, if accepted, will end up in the respective Infor applications databases. The Distribution A+ Integration Guides for Infor applications that Distribution A+ is integrating to, each include a complete list of the applicable BODs for the pertinent integrated application. The initial population of master data through this option must be performed before you can use the integration, and it is important that you follow these procedures in the order (sequence) in which they are presented in the Integration Guides.

Refer to the Integration Guide for each Distribution A+ application for the list and sequence of the initial Load of Master Data BODs and Transactional Data BODs. The sequence of the initial load is critical to ensure that BODs published by Distribution A+ are accepted by other Infor application(s). BOD data records build against each other, so missing steps or sequences may cause errors.

Before you begin:

- Review the Data Load Note below for important data load considerations.
- Verify that the Commerce Gateway and On-Ramp Service Processor are both running.

For each Noun that Distribution A+ needs to publish and in the exact sequence required, complete the following steps:

- 1 Access this option.
- 2 In the **Noun** field, key or select the Noun Name (Noun Names are case-sensitive).
- 3 Press **ENTER**.
- 4 If you receive an error message that the Noun cannot be done yet, this indicates load sequence conflicts. Double check the load sequence of this Noun. Click **Bypass Noun Order Check** only if you want to proceed.
- 5 Enter the range of data to be loaded, if needed. It is up to you to keep track of previous ranges entered, if you choose to do so. See Data Load Note below with data range load considerations.
- 6 Press **F5=CONTINUE**.

- 7 Make note of the transactions that were generated. This indicates the total number of BODs that are processed. Ensure that this number matches the number of BODs accepted by integrating application(s).

### Important

#### Data Load Note

The initial population of data can take some time, depending upon the number of records (BODs) you are sending.

Since some Master Data depends on previously loaded Master Data, it is recommended that after each Data Load, you verify that the data actually was accepted by integrating application(s). Use the total number of BODs from Step 7 above to ensure that all data is loaded in the Databases of integrating application(s).

To verify this, sign on to the integrated applications (e.g., ICB) as a business user. Ensure that the Master Data that was loaded appears in the integrated application.

Before you populate the transaction data, review the ranges of the Extension Solution Data Load/Reload (quick key BLR) as some are specific to the data you are loading. For example, the Company # range is applicable to any document (sales order, purchase order, payable transaction, etc.), while the Vendor # would only apply to a purchase order, requisition, AP invoice or receive delivery. You may also consider running the initial load for certain transactions multiple times, using different ranges each time. Be cautious about running Extension Solution Data Load/Reload (quick key BLR) "wide open" without beginning and ending ranges. At a minimum, consider entering beginning and ending dates in the Invoice Date, Order Date, Aging Date or Receipt Date ranges.

## Extension Solution BOD Load/Reload

The screens and/or reports in this option and a brief description are listed in the following table. A complete description of each screen/report is contained in this section.

Title	Purpose
<a href="#">Extension Solution Data Load/Reload Screen</a>	Used to select each Noun that Distribution A+ needs to publish.
<a href="#">Data Load/Reload Location Screen</a>	Used to select the warehouse(s) for which the data load/ reload will occur.
<a href="#">Data Load/Reload CodeDefinition Screen</a>	Used to select the code for which the data load/reload will occur.
<a href="#">Data Load/Reload CodeDefinition (SPECIFIC CODE) Screen</a>	Used to limit which records associated with the code you selected for load/reload.

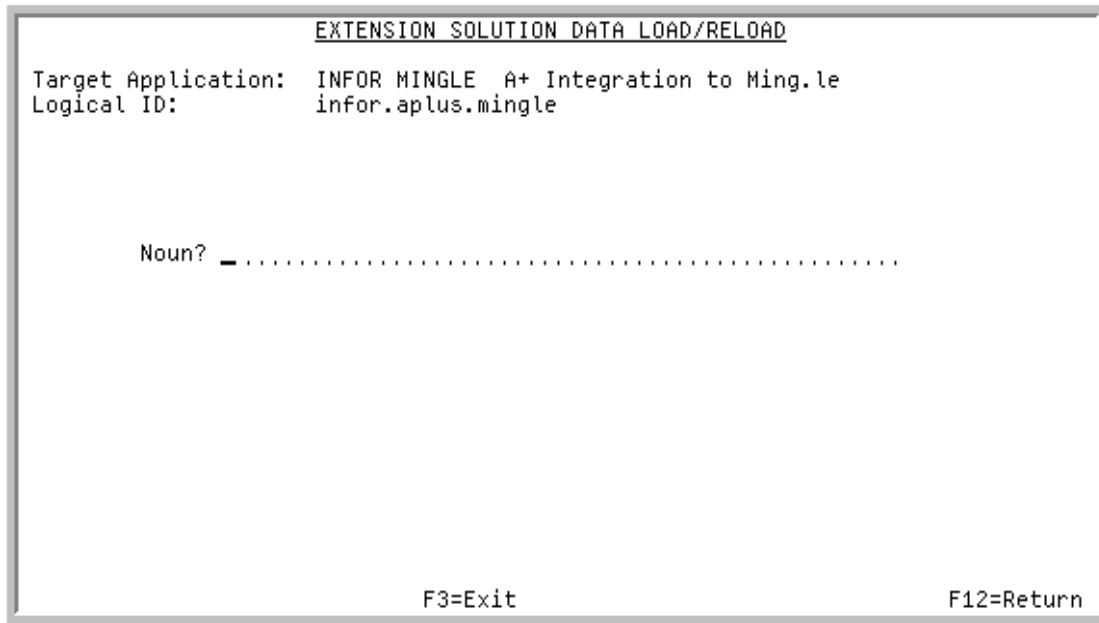
Title	Purpose
<a href="#">Data Load/Reload FinancialCalendar Screen</a>	Used to select the company(s) for which the data load/ reload of the G/L calendar will occur.
<a href="#">Data Load/Reload AccountingChart Screen</a>	Used to select the company(s) for which the G/L account segment data load/reload will occur.
<a href="#">Data Load/Reload ChartOfAccounts Screen</a>	Used to select the company(s) and G/L account information for which the data load/reload will occur.
<a href="#">Data Load/Reload SourceSystemGLMovement Screen</a>	Used to select the company(s) and account transaction information for which the data load/reload will occur.
<a href="#">Data Load/Reload Customer/ShipTo/ BillToPartyMaster Screen</a>	Used to select the company(s), customer(s), user code(s), and user field(s) information for which the data load/reload will occur.
<a href="#">Data Load/Reload SupplierPartyMaster Screen</a>	Used to select the vendor(s) for which the data load/ reload will occur.
<a href="#">Data Load/Reload ItemMaster Screen</a>	Used to select the item(s) for which the data load/reload will occur.
<a href="#">Data Load/Reload SalesOrder Screen</a>	Used to select the information for which sales order BODs will be loaded/reloaded.
<a href="#">Data Load/Reload Shipment Screen</a>	Used to select the shipment information for which the data load/reload will occur.
<a href="#">Data Load/Reload Invoice Screen</a>	Used to select the invoice information for which the data load/reload will occur.
<a href="#">Data Load/Reload Requisition/ PurchaseOrder Screen</a>	Used to select the requisition or purchase order information for which the data load/reload will occur.
<a href="#">Data Load/Reload ReceiveDelivery Screen</a>	Used to select the delivery information for which the data load/reload will occur.
<a href="#">Data Load/Reload ReceivableTransaction Screen</a>	Used to select the receivable transaction information for which the data load/reload will occur.
<a href="#">Data Load/Reload PayableTransaction Screen</a>	Used to select the payable transaction information for which the data load/reload will occur.

---

Title	Purpose
<a href="#">Data Load/Reload InventoryHold Screen</a>	Used to select the inventory hold transaction information for which the data load/reload will occur.
<a href="#">Data Load/Reload ContactMaster Screen</a>	Used to select the contact ID transaction information for which the data load/reload will occur.
<a href="#">Data Load/Reload CustomerReturn Screen</a>	Used to select the customer return transaction information for which the data load/reload will occur.
<a href="#">Data Load/Reload Quote Screen</a>	Used to select the quote transaction information for which the data load/reload will occur.
<a href="#">Data Load/Reload Person Screen</a>	Used to select the transactions by person for which the data load/reload will occur.

---

## Extension Solution Data Load/Reload Screen



This screen displays after selecting option **1** - [Extension Solution BOD Load/Reload](#) (MENU ESMASST), or from the [Target Application Selection Screen](#). Use this screen to select each Noun that Distribution A+ needs to publish.

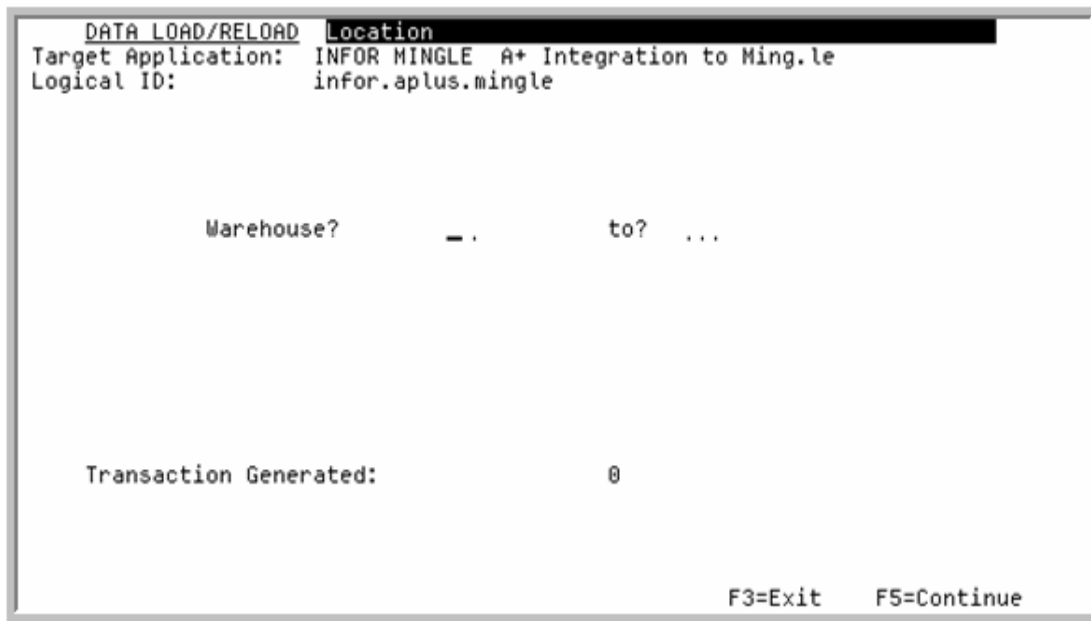
It is the user's responsibility to keep track of previous data entered. Refer to the [Data Load Note](#) for important data range load considerations.

### Extension Solution Data Load/Reload Screen Fields and Function Keys

Field/Function Key	Description
Target Application	This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a> . The application name and description of the targeted application defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE). Display
Logical ID	This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a> . The unique Logical ID for the selected application as defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE). Display

Field/Function Key	Description
Noun	<p>For each <b>Noun</b> that Distribution A+ needs to publish BODs, key or select the name of the Noun. Be sure to follow the exact Noun sequence presented in the Integration Guide.</p> <p>You can view the available nouns and the recommended sequence by keying a ? in this field and pressing <b>ENTER</b>. The Noun Question Mark Window displays.</p> <p><b>Valid Values:</b> the nouns that will be published by Distribution A+ (A 50) Required</p>
F3=Exit	Press the <b>F3=EXIT</b> function key to return to MENU ESMASST.
F12=Return	<p>The <b>F12=RETURN</b> only displays when this screen is displayed from <a href="#">Target Application Selection Screen</a>.</p> <p>Press the <b>F12=RETURN</b> function key to return to the <a href="#">Target Application Selection Screen</a>.</p>
Enter	<p>Press the <b>ENTER</b> key to confirm your entry and proceed to the next screen. The screen that appears will depend on the Noun you selected.</p>

## Data Load/Reload Location Screen



This screen displays after selecting the **Location** Noun on the [Extension Solution Data Load/Reload Screen](#). Use this screen to select the warehouse(s) for which the data load/reload will occur. A BOD will be generated for each selected warehouse defined in Distribution A+.

It is the user's responsibility to keep track of previous ranges entered, if you choose to do so. Refer to the data for important data range load considerations.

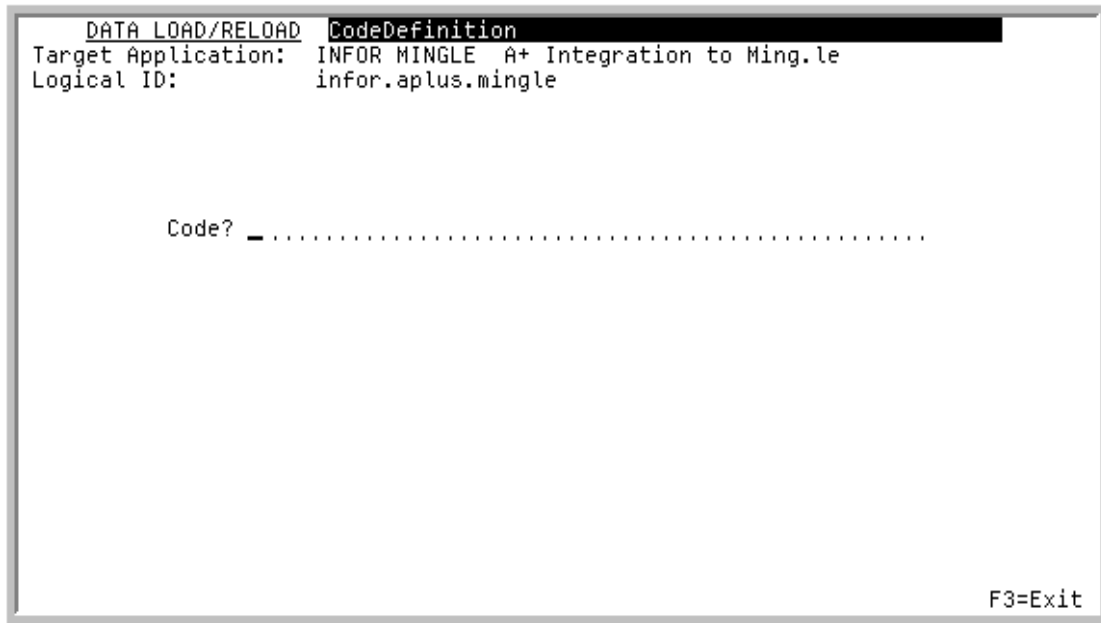
For more information about using from and to ranges, refer to the Infor Distribution A+ Cross Applications User Guide.

### Data Load/Reload Location Screen Fields and Function Keys

Field/Function Key	Description
Target Application	This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a> . The application name and description of the targeted application defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE). Display
Logical ID	This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a> . The unique Logical ID for the selected application as defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE). Display

Field/Function Key	Description
Warehouse	<p>Use this field to specify the warehouse or range of warehouses for which you are loading data (publishing <b>Location</b> Noun BODs) from Distribution A+.</p> <p>It is up to you to keep track of previous ranges entered, if you choose to do so. Refer to the <a href="#">Data Load Note</a> for important data range load considerations.</p> <p>(2 @ A 2) Optional</p>
Transaction Generated	<p>This field indicates the number of transactions generated (or how many <b>Location</b> Noun BODs are created).</p> <p>Once you press the <b>F5=CONTINUE</b> function key, the job is submitted to the On- Ramp Processor.</p> <p>Make note of the transactions that were generated. This indicates the total number of BODs that are processed. Ensure that this number matches the number of BODs accepted by integrating application(s).</p> <p>Display</p>
F3=Exit	<p>Press the <b>F3=EXIT</b> function key to return to the <a href="#">Extension Solution Data Load/ Reload Screen</a>, without continuing with the load process.</p>
F5=Continue	<p>Press the <b>F5=CONTINUE</b> function key to process the load/reload. The job is submitted to the On-Ramp Processor, and the <b>Transaction Generated</b> number is updated to reflect the number of BODs generated in the load/ reload.</p> <p>When you are done, press the <b>F3=EXIT</b> function key to return to the <a href="#">Extension Solution Data Load/Reload Screen</a>.</p>

## Data Load/Reload CodeDefinition Screen



This screen displays after selecting the **CodeDefinition** Noun on the [Extension Solution Data Load/Reload Screen](#). Use this screen to select the code for which the data load/reload will occur.

### Data Load/Reload CodeDefinition Screen Fields and Function Keys

Field/Function Key	Description
Target Application	<p>This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a>.</p> <p>The application name and description of the targeted application defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE).</p> <p>Display</p>
Logical ID	<p>This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a>.</p> <p>The unique Logical ID for the selected application as defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE).</p> <p>Display</p>

Field/Function Key	Description
Code	Use this field to key or select the code for which you are loading data (publishing <b>CodeDefinition</b> Noun BODs) from Distribution A+. If you key a ? in this field and press <b>ENTER</b> , the <a href="#">Code Question Mark Window</a> displays. The code you select will determine the data to be loaded. (A 50) Required
F3=Exit	Press the <b>F3=EXIT</b> function key to return to the <a href="#">Extension Solution Data Load/ Reload Screen</a> , without continuing with the load process.
Enter	Press the <b>ENTER</b> key to confirm the code and continue. The screen that appears will depend on the code you selected. The subsequent screens are used to limit which records for the code you selected you want to load.

## Data Load/Reload CodeDefinition (SPECIFIC CODE) Screen

```

DATA LOAD/RELOAD CodeDefinition
A/R TERMS CODE

Company?      - .      to? ...
Terms Code?   ...      to? ...

Transactions Generated:      0
                             F5=Continue  F12=Return
  
```

The code you selected on the [Data Load/Reload CodeDefinition Screen](#) determines the screen heading that will appear, and the fields that will display on the screen. Possible sub-headings are **A/R Terms Code**, **Currencies**, **Customer Classes**, **Segment Values** and **Territories** depending on the code selected, and is displayed in reverse image at the top of the screen. All of these data variations will be used to limit which records associated with the code you selected you want to load/reload.

Available codes are:

- **A/R Terms Code** [data from A/R Terms Codes Maintenance (MENU ARFILE) will be loaded]
- **Currencies** [information from Currency/Exchange Codes Maintenance (MENU ICFILE) will be loaded]
- **Customer Classes** [information from Customer Classes Maintenance (MENU ARFILE) will be loaded]
- **Segment Values** [information from Segment Values Maintenance (MENU GLFILE) will be loaded]
- **Territories** [information from Territories Maintenance (MENU ARFILE) will be loaded]

It is the user's responsibility to keep track of previous ranges entered, if you choose to do so. Refer to the [Data Load Note](#) for important data range load considerations.

For more information about using from and to ranges, refer to the Infor Distribution A+ Cross Applications User Guide.

### Data Load/Reload CodeDefinition (SPECIFIC CODE) Screen Fields & Function Keys

Field/Function Key	Description
Company	<p>Displays if you selected the <b>A/R Terms Code, Customer Classes, Segment Values</b> or <b>Territories</b> code on the <a href="#">Data Load/Reload CodeDefinition Screen</a>.</p> <p>Use this field to specify the company or range of companies for which records associated with the selected code are being published from Distribution A+.</p> <p>(2 @ N 2,0) Optional</p>
Terms Code	<p>Displays if you selected the <b>A/R Terms Code</b> on the <a href="#">Data Load/Reload CodeDefinition Screen</a>.</p> <p>Use this field to specify the terms code or range of terms codes for which records associated with the selected code are being published from Distribution A+.</p> <p>(2 @ A 2) Optional</p>
Currency Code	<p>Displays if you selected the <b>Currencies</b> code on the <a href="#">Data Load/Reload CodeDefinition Screen</a>.</p> <p>Use this field to specify the currency code or range of currency codes for which records associated with the selected code are being published from Distribution A+.</p> <p>(2 @ A 3) Optional</p>
Customer Class	<p>Displays if you selected the <b>Customer Class</b> code on the <a href="#">Data Load/Reload CodeDefinition Screen</a>.</p> <p>Use this field to specify the customer class/sub-class or range of customer classes/sub-classes for which records associated with the selected code are being published from Distribution A+.</p> <p>(2 @ A 2) Optional</p>
Territory	<p>Displays if you selected the <b>Territories</b> code on the <a href="#">Data Load/Reload CodeDefinition Screen</a>.</p> <p>Use this field to specify the territory or range of territories for which records associated with the selected code are being published from Distribution A+.</p> <p>(2 @ A 3) Optional</p>

Field/Function Key	Description
Transactions Generated	<p>Displays for all types of codes, regardless of the code you selected on the <a href="#">Data Load/Reload CodeDefinition Screen</a>.</p> <p>This field indicates the number of transactions generated (or how many Noun BODs are created).</p> <p>Once you press the <b>F5=CONTINUE</b> function key, the job is submitted to the On- Ramp Processor.</p> <p>Make note of the transactions that were generated. This indicates the total number of BODs that are processed. Ensure that this number matches the number of BODs accepted by integrating application(s).</p> <p>Display</p>
F5=Continue	<p>Press the <b>F5=CONTINUE</b> function key to process the load/reload. The job is submitted to the On-Ramp Processor, and the <b>Transactions Generated</b> number is updated to reflect the number of BODs generated in the load/ reload.</p> <p>When you are done, press the <b>F12=RETURN</b> function key to return to the <a href="#">Data Load/Reload CodeDefinition Screen</a>.</p>
F12=Return	<p>Press the <b>F12=RETURN</b> function key to return to the <a href="#">Data Load/Reload CodeDefinition Screen</a>, without updating this screen.</p>

## Data Load/Reload FinancialCalendar Screen

```

DATA LOAD/RELOAD FinancialCalendar
Target Application: INFOR MINGLE A+ Integration to Ming.le
Logical ID:        infor.aplus.mingle

                    Company?  _ . to?  ...

Transactions Generated:          0

F3=Exit    F5=Continue

```

This screen displays after selecting the **FinancialCalendar** Noun on the [Extension Solution Data Load/Reload Screen](#). Use this screen to select the company(s) for which the data load/reload of the G/L Calendar File (**GLCAL**) will occur.

It is the user's responsibility to keep track of previous ranges entered, if you choose to do so. Refer to the [Data Load Note](#) for important data range load considerations.

For more information about using from and to ranges, refer to the Infor Distribution A+ Cross Applications User Guide.

### Data Load/Reload FinancialCalendar Screen Fields and Function Keys

Field/Function Key	Description
Target Application	<p>This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a>.</p> <p>The application name and description of the targeted application defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE).</p> <p>Display</p>
Logical ID	<p>This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a>.</p> <p>The unique Logical ID for the selected application as defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE).</p> <p>Display</p>

Field/Function Key	Description
Company	<p>This field appears only if the <b>Multi Company</b> field is set to <b>Y</b> through System Options Maintenance (MENU XAFILE).</p> <p>Use this field to specify the company or range of companies for which you are loading data (publishing <b>FinancialCalendar</b> Noun BODs) from Distribution A+.</p> <p>Key the company or range of companies for the data load/reload or leave blank to select all companies.</p> <p>(2 @ N 2.0) Optional</p>
Transactions Generated	<p>This field indicates the number of transactions generated (or how many <b>FinancialCalendar</b> Noun BODs are created).</p> <p>Once you press the <b>F5=CONTINUE</b> function key, the job is submitted to the On- Ramp Processor.</p> <p>Make note of the transactions that were generated. This indicates the total number of BODs that are processed. Ensure that this number matches the number of BODs accepted by integrating application(s).</p> <p>Display</p>
F3=Exit	<p>Press the <b>F3=EXIT</b> function key to return to the Extension Solution Data Load/ Reload Screen, without continuing with the load process.</p>
F5=Continue	<p>Press the <b>F5=CONTINUE</b> function key to process the load/reload. The job is submitted to the On-Ramp Processor, and the <b>Transactions Generated</b> number is updated to reflect the number of BODs generated in the load/ reload.</p> <p>When you are done, press the <b>F3=EXIT</b> function key to return to the <a href="#">Extension Solution Data Load/Reload Screen</a>.</p>

## Data Load/Reload AccountingChart Screen

```

DATA LOAD/RELOAD AccountingChart
Target Application: INFOR MINGLE A+ Integration to Ming.le
Logical ID: infor.aplus.mingle

Company? - . to? ...

Transactions Generated: 0

F3=Exit F5=Continue

```

This screen displays after selecting the **AccountingChart** Noun on the [Extension Solution Data Load/ Reload Screen](#). Use this screen to select the company(s) for which the data load/reload of the G/L account segment values will occur.

It is the user's responsibility to keep track of previous ranges entered, if you choose to do so. Refer to the [Data Load Note](#) for important data range load considerations.

For more information about using from and to ranges, refer to the Infor Distribution A+ Cross Applications User Guide.

### Data Load/Reload AccountingChart Screen Fields and Function Keys

Field/Function Key	Description
Target Application	<p>This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a>.</p> <p>The application name and description of the targeted application defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE).</p> <p>Display</p>
Logical ID	<p>This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a>.</p> <p>The unique Logical ID for the selected application as defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE).</p> <p>Display</p>

Field/Function Key	Description
Company	<p>This field appears only if the <b>Multi Company</b> field is set to <b>Y</b> through System Options Maintenance (MENU XAFILE).</p> <p>Use this field to specify the company or range of companies for which you are loading data (publishing <b>AccountingChart</b> Noun BODs) from Distribution A+.</p> <p>Key the company or range of companies for the data load/reload or leave blank to select all companies.</p> <p>(2 @ N 2.0) Optional</p>
Transactions Generated	<p>This field indicates the number of transactions generated (or how many <b>AccountingChart</b> Noun BODs are created).</p> <p>Once you press the <b>F5=CONTINUE</b> function key, the job is submitted to the On- Ramp Processor.</p> <p>Make note of the transactions that were generated. This indicates the total number of BODs that are processed. Ensure that this number matches the number of BODs accepted by integrating application(s).</p> <p>Display</p>
F3=Exit	<p>Press the <b>F3=EXIT</b> function key to return to the <a href="#">Extension Solution Data Load/ Reload Screen</a>, without continuing with the load process.</p>
F5=Continue	<p>Press the <b>F5=CONTINUE</b> function key to process the load/reload. The job is submitted to the On-Ramp Processor, and the <b>Transactions Generated</b> number is updated to reflect the number of BODs generated in the load/ reload.</p> <p>When you are done, press the <b>F3=EXIT</b> function key to return to the <a href="#">Extension Solution Data Load/Reload Screen</a>.</p>

## Data Load/Reload ChartOfAccounts Screen

```

DATA LOAD/RELOAD  ChartOfAccounts
Target Application: INFOR MINGLE A+ Integration to Ming.le
Logical ID:       infor.aplus.mingle

Company?         - .          to?      ...

Div:             .....      to .....
Account:         .....      to .....
Sub:             .....      to 999.....

Account Code 1? .....      to?     .....
Account Code 2? .....      to?     .....
Account Code 3? .....      to?     .....
Account Code 4? .....      to?     .....
Account Code 5? .....      to?     .....

Account Type:    ..

Transactions Generated:          0

                                     F3=Exit   F5=Continue
    
```

This screen displays after selecting the **ChartOfAccounts** Noun on the [Extension Solution Data Load/ Reload Screen](#). Use this screen to select the company(s) and General Ledger account information (**GLMST**) for which the data load/reload will occur.

It is the user's responsibility to keep track of previous ranges entered, if you choose to do so. Refer to the [Data Load Note](#) for important data range load considerations.

For more information about using from and to ranges, refer to the Infor Distribution A+ Cross Applications User Guide.

### Data Load/Reload ChartOfAccounts Screen Fields and Function Keys

Field/Function Key	Description
Target Application	<p>This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a>.</p> <p>The application name and description of the targeted application defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE).</p> <p>Display</p>
Logical ID	<p>This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a>.</p> <p>The unique Logical ID for the selected application as defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE).</p> <p>Display</p>

Field/Function Key	Description
Company	<p>This field appears only if the <b>Multi Company</b> field is set to <b>Y</b> through System Options Maintenance (MENU XAFILE).</p> <p>Use this field to specify the company or range of companies for which you are loading data (publishing <b>ChartOfAccounts</b> Noun BODs) from Distribution A+.</p> <p>Key the company or range of companies for the data load/reload or leave blank to select all companies.</p> <p><b>Valid Values:</b> A valid company number defined through Company Name Maintenance (MENU XAFILE) which you are authorized to access through Authority Profile Maintenance (MENU XASCTY). (2 @ N 2.0) Optional</p>
G/L Account Number Segments	<p>The account number segments displayed for selection are those that have been specified through G/L Options Maintenance (MENU GLFIL2) for use in defining the G/L account numbers.</p> <p>Key the range of account number segments for which you are loading data (publishing <b>ChartOfAccounts</b> Noun BODs) from Distribution A+. To load all account numbers, leave all fields blank.</p> <p>(up to 5 segment rows of 2 @ A 15) Optional</p>
Account Codes 1-5	<p>Use this field to specify the account code or range of account codes for each account code level (1 through 5). Account codes are used to classify an account and are maintained through Account Codes Maintenance (MENU GLFILE).</p> <p><b>Valid Values:</b> a valid code defined through Account Codes Maintenance (MENU GLFILE) (2 @ A 5) Optional</p>
Account Type	<p>Use this field to specify the account type:</p> <ul style="list-style-type: none"> <li>• <b>A</b> for asset accounts</li> <li>• <b>L</b> for liability accounts</li> <li>• <b>E</b> for expense accounts</li> <li>• <b>I</b> for income accounts</li> <li>• <b>Q</b> for equity accounts</li> <li>• Blank will not limit the account types to be loaded/reloaded</li> </ul> <p>(A 1) Optional</p>

Field/Function Key	Description
Transactions Generated	<p>This field indicates the number of transactions generated (or how many <b>ChartOfAccounts</b> Noun BODs are created).</p> <p>Once you press the <b>F5=CONTINUE</b> function key, the job is submitted to the On- Ramp Processor.</p> <p>Make note of the transactions that were generated. This indicates the total number of BODs that are processed. Ensure that this number matches the number of BODs accepted by integrating application(s).</p> <p>Display</p>
F3=Exit	<p>Press the <b>F3=EXIT</b> function key to return to the <a href="#">Extension Solution Data Load/ Reload Screen</a>, without continuing with the load process.</p>
F5=Continue	<p>Press the <b>F5=CONTINUE</b> function key to process the load/reload. The job is submitted to the On-Ramp Processor, and the <b>Transactions Generated</b> number is updated to reflect the number of BODs generated in the load/ reload.</p> <p>When you are done, press the <b>F3=EXIT</b> function key to return to the <a href="#">Extension Solution Data Load/Reload Screen</a>.</p>

## Data Load/Reload SourceSystemGLMovement Screen

```

DATA LOAD/RELOAD SourceSystemGLMovement
Target Application: INFOR MINGLE A+ Integration to Ming.le
Logical ID:        infor.aplus.mingle

Company?          - .          to?          ...

Div:              .....          to .....
Account:          .....          to .....
Sub:              .....          to 999.....

Account Code 1?   .....          to?          .....
Account Code 2?   .....          to?          .....
Account Code 3?   .....          to?          .....
Account Code 4?   .....          to?          .....
Account Code 5?   .....          to?          .....
Fiscal Year:      .....          to          .....
Account Type: ..
Include
  Actual: ..      Budget: .. ID: ..
Transactions Generated: 0

F3=Exit  F5=Continue
    
```

This screen displays after selecting the **SourceSystemGLMovement** Noun on the [Extension Solution Data Load/Reload Screen](#). Use this screen to select the company(s) and account information for which the data load/reload will occur.

It is the user's responsibility to keep track of previous ranges entered, if you choose to do so. Refer to the [Data Load Note](#) for important data range load considerations.

For more information about using from and to ranges, refer to the Infor Distribution A+ Cross Applications User Guide.

### Data Load/Reload SourceSystemGLMovement Screen Fields and Function Keys

Field/Function Key	Description
Target Application	<p>This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a>.</p> <p>The application name and description of the targeted application defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE).</p> <p>Display</p>
Logical ID	<p>This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a>.</p> <p>The unique Logical ID for the selected application as defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE).</p> <p>Display</p>

Field/Function Key	Description
Company	<p>This field appears only if the <b>Multi Company</b> field is set to <b>Y</b> through System Options Maintenance (MENU XAFILE).</p> <p>Use this field to specify the company or range of companies for which you are loading data (publishing <b>SourceSystemGLMovement</b> Noun BODs) from Distribution A+.</p> <p>Key the company or range of companies for the data load/reload or leave blank to select all companies.</p> <p><b>Valid Values:</b> A valid company number defined through Company Name Maintenance (MENU XAFILE) which you are authorized to access through Authority Profile Maintenance (MENU XASCTY). (2 @ N 2,0) Optional</p>
G/L Account Number Segments	<p>The account number segments displayed for selection are those that have been specified through G/L Options Maintenance (MENU GLFIL2) for use in defining the G/L account numbers.</p> <p>Key the range of account number segments for which you are loading data (publishing <b>SourceSystemGLMovement</b> Noun BODs) from Distribution A+. To load all account numbers, leave all fields blank.</p> <p>(up to 5 segment rows of 2 @ A 15) Optional</p>
Account Codes 1-5	<p>Use this field to specify the account code or range of account codes for each account code level (1 through 5). Account codes are used to classify an account and are maintained through Account Codes Maintenance (MENU GLFILE).</p> <p><b>Valid Values:</b> Account code must have been specified in Account Codes Maintenance (MENU GLFILE) (2 @ A 5) Optional</p>
Fiscal Year	<p>Use this field to specify the fiscal year or range of fiscal years of the budget for the specified account. Key the fiscal year in CCYY (century - year) format. (N 4,0) Optional</p>
Account Type	<p>Use this field to specify the account type:</p> <ul style="list-style-type: none"> <li>• <b>A</b> for asset accounts</li> <li>• <b>L</b> for liability accounts</li> <li>• <b>E</b> for expense accounts</li> <li>• <b>I</b> for income accounts</li> <li>• <b>Q</b> for equity accounts</li> <li>• Blank will not limit the account types to be loaded/reloaded</li> </ul> <p>(A 1) Optional</p>

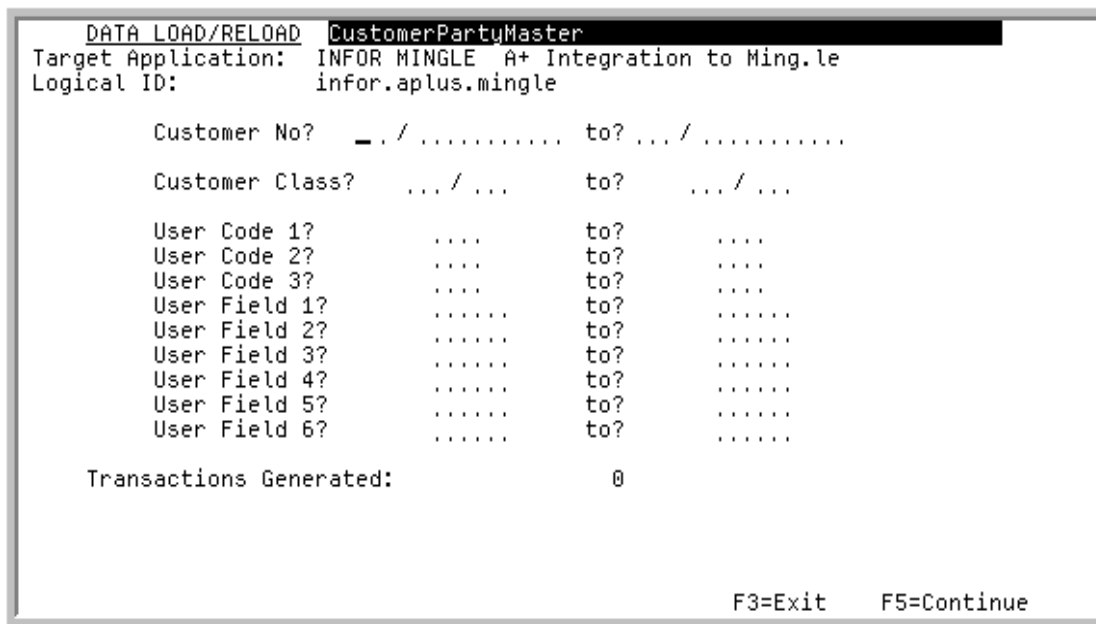
Field/Function Key	Description
Include Actual	<p>Use this field to select whether or not you want to include actual values (actual amounts that have been posted to General Ledger) in the load/reload.</p> <p>Key <b>Y</b> to include actual values. The net change amount of the account from the detail file will be included.</p> <p>Key <b>N</b> to exclude actual values.</p> <p>If this field is <b>N</b>, the <b>Include Budget</b> field must be <b>Y</b>. At least one include field must be <b>Y</b>.</p> <p>(A 1) Optional</p>
Include Budget	<p>Use this field to select whether or not you want to include budget values for the accounts in the load/reload. Up to nine different budgets may be established for one account through Budgets Maintenance (MENU GLFILE) for comparison to see how actual amounts compared to what was budgeted.</p> <p>Key <b>Y</b> to include budget values.</p> <p>Key <b>N</b> to exclude budget values.</p> <p>If this field is <b>N</b>, the <b>Include Actual</b> field must be <b>Y</b>. At least one include field must be <b>Y</b>.</p> <p>(A 1) Optional</p>
ID	<p>Use this field, if the <b>Include Budget</b> field is <b>Y</b>, to key the budget identification code for which budgets will be loaded/reloaded. Up to nine different budgets may be entered for each account number for each fiscal year. This code is used to distinguish the different budgets.</p> <p><b>Valid Values:</b> 1 through 9</p> <p>(N 1,0) Optional</p>
Transactions Generated	<p>This field indicates the number of transactions generated (or how many <b>SourceSystemGLMovement</b> Noun BODs are created).</p> <p>Once you press the <b>F5=CONTINUE</b> function key, the job is submitted to the On- Ramp Processor.</p> <p>Make note of the transactions that were generated. This indicates the total number of BODs that are processed. Ensure that this number matches the number of BODs accepted by integrating application(s).</p> <p>Display</p>
F3=Exit	<p>Press the <b>F3=EXIT</b> function key to return to the <a href="#">Extension Solution Data Load/ Reload Screen</a>, without continuing with the load process.</p>

---

Field/Function Key	Description
F5=Continue	<p>Press the <b>F5=CONTINUE</b> function key to process the load/reload. The job is submitted to the On-Ramp Processor, and the <b>Transactions Generated</b> number is updated to reflect the number of BODs generated in the load/ reload.</p> <p>When you are done, press the <b>F3=EXIT</b> function key to return to the <a href="#">Extension Solution Data Load/Reload Screen</a>.</p>

---

## Data Load/Reload Customer/ShipTo/BillToPartyMaster Screen



This screen displays after selecting the **CustomerPartyMaster**, **ShipToPartyMaster**, or **BillToPartyMaster** Noun on the [Extension Solution Data Load/Reload Screen](#). The title of this screen changes depending on the Noun selected, and is displayed in reverse image at the top of the screen. All fields on this screen are the same regardless of which Noun you selected. Use this screen to select the company(s), customer(s), user code(s), and user field(s) information for which the data load/ reload will occur.

It is the user's responsibility to keep track of previous ranges entered, if you choose to do so. Refer to the [Data Load Note](#) for important data range load considerations.

For more information about using from and to ranges, refer to the Infor Distribution A+ Cross Applications User Guide.

### Data Load/Reload Customer/ShipTo/BillToPartyMaster Screen Fields & Function Keys

Field/Function Key	Description
Target Application	This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a> . The application name and description of the targeted application defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE). Display

Field/Function Key	Description
Logical ID	<p>This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a>.</p> <p>The unique Logical ID for the selected application as defined through <b>Integrating Application Maintenance</b> (MENU ESFILE).</p> <p>Display</p>
Customer No	<p>The company field appears only if the <b>Multi Company</b> field is set to <b>Y</b> through System Options Maintenance (MENU XAFILE).</p> <p>Use this field to specify the company and customer number or range of companies and customer numbers for which you are loading data (publishing <b>CustomerPartyMaster</b>, <b>ShipToPartyMaster</b>, or <b>BillToPartyMaster</b> Noun BODs) from Distribution A+.</p> <p>Key the company/customer or range of company/customer numbers for the data load/reload or leave blank to select all.</p> <p><b>Valid Values:</b> A valid company number defined through Company Name Maintenance (MENU XAFILE) which you are authorized to access through Authority Profile Maintenance (MENU XASCTY).</p> <p>Any valid customer created through Customer/Ship to Master Maintenance (MENU ARFILE) for the selected company.</p> <p>(2 @ N 2,0 / 2 @ N 10,0) Optional</p>
Customer Class	<p>Use this field to specify the customer class/sub-class or range of customer classes/sub-classes for which you are loading data (publishing <b>CustomerPartyMaster</b>, <b>ShipToPartyMaster</b>, or <b>BillToPartyMaster</b> Noun BODs) from Distribution A+.</p> <p>(2 @ A 2 / A 2) Optional</p>
User Codes 1-3	<p>The actual customer master user codes that you establish will be presented for entry of user code values to limit customers to those assigned the entered values. The user codes and the user code values are established through Customer Master User Codes Maintenance (MENU ARFILE).</p> <p>Key the user code or range of user codes for which data will be loaded/ reloaded.</p> <p>(2 @ A 3) Optional</p>
User Fields 1-6	<p>The actual customer master user fields that you establish will be presented for entry of master user field values to limit customers to those assigned the entered values. The user fields and the user field values are established through Customer Master User Fields Maintenance (MENU ARFILE).</p> <p>Key the user field or range of user fields for which data will be loaded/ reloaded.</p> <p>(2 @ A 5) Optional</p>

Field/Function Key	Description
Transactions Generated	<p>This field indicates the number of transactions generated (or how many <b>Customer/ShipTo/BillToPartyMaster</b> Noun BODs are created).</p> <p>Once you press the <b>F5=CONTINUE</b> function key, the job is submitted to the On- Ramp Processor.</p> <p>Make note of the transactions that were generated. This indicates the total number of BODs that are processed. Ensure that this number matches the number of BODs accepted by integrating application(s).</p> <p>Display</p>
F3=Exit	<p>Press the <b>F3=EXIT</b> function key to return to the <a href="#">Extension Solution Data Load/ Reload Screen</a>, without continuing with the load process.</p>
F5=Continue	<p>Press the <b>F5=CONTINUE</b> function key to process the load/reload. The job is submitted to the On-Ramp Processor, and the <b>Transactions Generated</b> number is updated to reflect the number of BODs generated in the load/ reload.</p> <p>When you are done, press the <b>F3=EXIT</b> function key to return to the <a href="#">Extension Solution Data Load/Reload Screen</a>.</p>

## Data Load/Reload SupplierPartyMaster Screen

```

DATA LOAD/RELOAD SupplierPartyMaster
Target Application: INFOR MINGLE A+ Integration to Ming.le
Logical ID:        infor.aplus.mingle

Vendor Number:  _ ..... To: .....

Transactions Generated:          0

F3=Exit  F5=Continue
  
```

This screen displays after selecting the **SupplierPartyMaster** Noun on the [Extension Solution Data Load/Reload Screen](#). Use this screen to select the vendor(s) for which the data load/reload will occur.

It is the user's responsibility to keep track of previous ranges entered, if you choose to do so. Refer to the [Data Load Note](#) for important data range load considerations.

For more information about using from and to ranges, refer to the Infor Distribution A+ Cross Applications User Guide.

### Data Load/Reload SupplierPartyMaster Screen Fields and Function Keys

Field/Function Key	Description
Target Application	<p>This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a>.</p> <p>The application name and description of the targeted application defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE).</p> <p>Display</p>
Logical ID	<p>This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a>.</p> <p>The unique Logical ID for the selected application as defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE).</p> <p>Display</p>

Field/Function Key	Description
Vendor Number	<p>Use this field to specify the vendor or range of vendors for which you are loading data (publishing <b>SupplierPartyMaster</b> Noun BODs) from Distribution A+.</p> <p>Key the vendor or range of vendors for the data load/reload or leave blank to select all.</p> <p><b>Valid Values:</b> A vendor defined through Vendors Maintenance (MENU POFILE)</p> <p>(2 @ A 6) Optional</p>
Transactions Generated	<p>This field indicates the number of transactions generated (or how many <b>SupplierPartyMaster</b> Noun BODs are created).</p> <p>Once you press the <b>F5=CONTINUE</b> function key, the job is submitted to the On- Ramp Processor.</p> <p>Make note of the transactions that were generated. This indicates the total number of BODs that are processed. Ensure that this number matches the number of BODs accepted by integrating application(s).</p> <p>Display</p>
F3=Exit	<p>Press the <b>F3=EXIT</b> function key to return to the Extension Solution Data Load/ Reload Screen, without continuing with the load process.</p>
F5=Continue	<p>Press the <b>F5=CONTINUE</b> function key to process the load/reload. The job is submitted to the On-Ramp Processor, and the <b>Transactions Generated</b> number is updated to reflect the number of BODs generated in the load/ reload.</p> <p>When you are done, press the <b>F3=EXIT</b> function key to return to the <a href="#">Extension Solution Data Load/Reload Screen</a>.</p>

## Data Load/Reload ItemMaster Screen

```

DATA LOAD/RELOAD ItemMaster
Target Application: INFOR MINGLE A+ Integration to Ming.le
Logical ID:       infor.aplus.mingle

Item Class?      _./...      To?      .../...

Item Number:     .....      To: .....

Transactions Generated:          0

F3=Exit   F5=Continue

```

This screen displays after selecting the **ItemMaster** Noun on the [Extension Solution Data Load/Reload Screen](#). Use this screen to select the item(s) for which the data load/reload will occur. A BOD will be generated for each selected item defined in Distribution A+.

It is the user's responsibility to keep track of previous ranges entered, if you choose to do so. Refer to the [Data Load Note](#) for important data range load considerations.

For more information about using from and to ranges, refer to the Infor Distribution A+ Cross Applications User Guide.

### Data Load/Reload ItemMaster Screen Fields and Function Keys

Field/Function Key	Description
Target Application	This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a> . The application name and description of the targeted application defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE). Display
Logical ID	This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a> . The unique Logical ID for the selected application as defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE). Display

Field/Function Key	Description
Item Class	<p>Use this field to specify the item class/sub-class or range of classes for which you are loading data (publishing <b>ItemMaster</b> Noun BODs) from Distribution A+.</p> <p>Item classes are used to further categorize an item. When entering an item through Item Master Maintenance (MENU IAFILE), you are required to key an item class to further describe the item. Items you select to load data for in the <b>Item Number</b> field are determined by the item class you specify in this field.</p> <p><b>Valid Values:</b> An item class defined through Item Class/Sub-Classes Maintenance (MENU IAFILE) (2 @ A 2 / 2 @ A 2) Optional</p>
Item Number	<p>Use this field to specify the item or items for which you are loading data (publishing <b>ItemMaster</b> Noun BODs) from Distribution A+.</p> <p><b>Valid Values:</b> An item defined through Item Master Maintenance (MENU IAFILE) (2 @ A 27) Optional</p>
Transactions Generated	<p>This field indicates the number of transactions generated (or how many <b>ItemMaster</b> Noun BODs are created).</p> <p>Once you press the <b>F5=CONTINUE</b> function key, the job is submitted to the On- Ramp Processor.</p> <p>Make note of the transactions that were generated. This indicates the total number of BODs that are processed. Ensure that this number matches the number of BODs accepted by integrating application(s). Display</p>
F3=Exit	<p>Press the <b>F3=EXIT</b> function key to return to the Extension Solution Data Load/ Reload Screen, without continuing with the load process.</p>
F5=Continue	<p>Press the <b>F5=CONTINUE</b> function key to process the load/reload. The job is submitted to the On-Ramp Processor, and the <b>Transactions Generated</b> number is updated to reflect the number of BODs generated in the load/ reload.</p> <p>When you are done, press the <b>F3=EXIT</b> function key to return to the <a href="#">Extension Solution Data Load/Reload Screen</a>.</p>

## Data Load/Reload SalesOrder Screen

```

DATA LOAD/RELOAD SalesOrder
Target Application: INFOR MINGLE A+ Integration to Ming.le
Logical ID:        infor.aplus.mingle

Company?          - .          to?   ...
Customer:         .....        to:   .....
Warehouse?       ...          to?   ...
Order:            .....        to:   .....
Invoice Number:  .....        to:   .....
Entry Date:       .....        to:   .....
Include Open:    Y.           History: Y.

Transactions Generated:          0

F3=Exit   F5=Continue

```

This screen displays after selecting the **SalesOrder** Noun on the [Extension Solution Data Load/Reload Screen](#). Use this screen to select the information for which sales order BODs will be loaded/ reloaded from the Open Orders File and/or the Order History File. A BOD will be generated for each selected sales order in Distribution A+.

It is the user's responsibility to keep track of previous ranges entered, if you choose to do so. Refer to the [Data Load Note](#) for important data range load considerations.

For more information about using from and to ranges, refer to the Infor Distribution A+ Cross Applications User Guide.

### Data Load/Reload SalesOrder Screen Fields and Function Keys

Field/Function Key	Description
Target Application	This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a> . The application name and description of the targeted application defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE). Display

Field/Function Key	Description
Logical ID	<p>This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a>.</p> <p>The unique Logical ID for the selected application as defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE).</p> <p>Display</p>
Company	<p>This field appears only if the <b>Multi Company</b> field is set to <b>Y</b> through System Options Maintenance (MENU XAFILE).</p> <p>Use this field to specify the company or range of companies for which you are loading data (publishing <b>SalesOrder</b> Noun BODs) from Distribution A+.</p> <p>Key the company or range of companies for the data load/reload or leave blank to select all.</p> <p><b>Valid Values:</b> A valid company number defined through Company Name Maintenance (MENU XAFILE) which you are authorized to access through Authority Profile Maintenance (MENU XASCTY).</p> <p>(2 @ N 2,0) Optional</p>
Customer	<p>Use this field to specify the customer number or range of customer numbers for which you are loading data (publishing <b>SalesOrder</b> Noun BODs) from Distribution A+.</p> <p>Key the customer number or range of customer numbers for the data load/ reload or leave blank to select all.</p> <p><b>Valid Values:</b> Any valid customer created through Customer/Ship to Master Maintenance (MENU ARFILE).</p> <p>(2 @ N 10,0) Optional</p>
Warehouse	<p>Use this field to specify the warehouse or range of warehouses for which you are loading data (publishing <b>SalesOrder</b> Noun BODs) from Distribution A+.</p> <p>(2 @ A 2) Optional</p>
Order	<p>Use this field to specify the order number or range of order numbers for which you are loading data (publishing <b>SalesOrder</b> Noun BODs) from Distribution A+.</p> <p>(2 @ A 5) Optional</p>
Invoice Number	<p>Use this field to specify the invoice number or range of invoice numbers for which you are loading data (publishing <b>SalesOrder</b> Noun BODs) from Distribution A+.</p> <p>(2 @ N 8,0) Optional</p>

Field/Function Key	Description
Entry Date	<p>Use this field to specify the entry date of the sales order or range of entry dates for which you are loading data (publishing <b>SalesOrder</b> Noun BODs) from Distribution A+. Key date(s) in the MMDDYY format.</p> <p>(2 @ N 6,0) Optional</p>
Include Open	<p>Use this field to select whether or not you want to include open orders in the data load/reload.</p> <p>Key <b>Y</b> to include open orders. Orders at status 2 (Pick List Printed), 3 (Ship Confirmed), and 4 (Invoice Printed) are selected.</p> <p>Key <b>N</b> to exclude open orders.</p> <p>This field and the <b>Include History</b> field cannot both be <b>N</b>.</p> <p><b>Default Value:</b> Y</p> <p>(A 1) Required</p>
Include History	<p>Use this field to select whether or not you want to include order history in the data load/reload.</p> <p>Key <b>Y</b> to include history orders.</p> <p>Key <b>N</b> to exclude history orders.</p> <p>This field and the <b>Include Open</b> field cannot both be <b>N</b>.</p> <p><b>Default Value:</b> Y</p> <p>(A 1) Required</p>
Transactions Generated	<p>This field indicates the number of transactions generated (or how many <b>SalesOrder</b> Noun BODs are created).</p> <p>Once you press the <b>F5=CONTINUE</b> function key, the job is submitted to the On- Ramp Processor.</p> <p>Make note of the transactions that were generated. This indicates the total number of BODs that are processed. Ensure that this number matches the number of BODs accepted by integrating application(s).</p> <p>Display</p>
F3=Exit	<p>Press the <b>F3=EXIT</b> function key to return to the Extension Solution Data Load/ Reload Screen, without continuing with the load process.</p>
F5=Continue	<p>Press the <b>F5=CONTINUE</b> function key to process the load/reload. The job is submitted to the On-Ramp Processor, and the <b>Transactions Generated</b> number is updated to reflect the number of BODs generated in the load/ reload.</p> <p>When you are done, press the <b>F3=EXIT</b> function key to return to the <a href="#">Extension Solution Data Load/Reload Screen</a>.</p>

## Data Load/Reload Shipment Screen

```

DATA LOAD/RELOAD Shipment
Target Application: INFOR MINGLE A+ Integration to Ming.le
Logical ID: infor.aplus.mingle

Company?      - .      to?  ...
Customer:     .....  to:  .....
Warehouse?   ...      to?  ...
Order:        .....  to:  .....
Entry Date:   .....  to:  .....

Include Open:  Y.      History:  Y.
Transaction Generated: 0

F3=Exit      F5=Continue
    
```

This screen displays after selecting the **Shipment** Noun on the [Extension Solution Data Load/Reload Screen](#). Use this screen to select the shipment information for which the data load/reload will occur.

It is the user’s responsibility to keep track of previous ranges entered, if you choose to do so. Refer to the [Data Load Note](#) for important data range load considerations.

For more information about using from and to ranges, refer to the Infor Distribution A+ Cross Applications User Guide.

### Data Load/Reload Shipment Screen Fields and Function Keys

Field/Function Key	Description
Target Application	This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a> . The application name and description of the targeted application defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE). Display
Logical ID	This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a> . The unique Logical ID for the selected application as defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE). Display

Field/Function Key	Description
Company	<p>This field appears only if the <b>Multi Company</b> field is set to <b>Y</b> through System Options Maintenance (MENU XAFILE).</p> <p>Use this field to specify the company or range of companies for which you are loading data (publishing <b>Shipment</b> Noun BODs) from Distribution A+.</p> <p>Key the company or range of companies for the data load/reload or leave blank to select all.</p> <p><b>Valid Values:</b> A valid company number defined through Company Name Maintenance (MENU XAFILE) which you are authorized to access through Authority Profile Maintenance (MENU XASCTY). (2 @ N 2,0) Optional</p>
Customer	<p>Use this field to specify the customer number or range of customer numbers for which you are loading data (publishing <b>Shipment</b> Noun BODs) from Distribution A+.</p> <p>Key the customer number or range of customer numbers for the data load/ reload or leave blank to select all.</p> <p><b>Valid Values:</b> Any valid customer created through Customer/Ship to Master Maintenance (MENU ARFILE). (2 @ N 2,0) Optional</p>
Warehouse	<p>Use this field to specify the warehouse or range of warehouses for which you are loading data (publishing <b>Shipment</b> Noun BODs) from Distribution A+.</p> <p>Key the warehouse or range of warehouses for the data load/reload or leave blank to select all.</p> <p><b>Valid Values:</b> Any valid warehouse created through Warehouse Numbers Maintenance (MENU IAFILE). (2 @ A 2) Optional</p>
Order	<p>Use this field to specify the order number or range of order numbers for which you are loading data (publishing <b>Shipment</b> Noun BODs) from Distribution A+.</p> <p>(2 @ A 5) Optional</p>
Entry Date	<p>Use this field to specify the entry date of orders for which you are loading data (publishing <b>Shipment</b> Noun BODs) from Distribution A+.</p> <p>Key date(s) in the MMDDYY format.</p> <p>(2 @ N 6,0) Optional</p>

Field/Function Key	Description
Include Open	<p>Use this field to select whether or not you want to include open orders in the data load/reload.</p> <p>When Distribution A+ is system of record, orders with a ship confirmation date are included.</p> <p>When Distribution A+ is integrating to another Infor Application that will be the system of record, orders with a pick list printed date are included.</p> <p>Key <b>Y</b> to include open orders. Orders that are status</p> <p>Key <b>N</b> to exclude open orders.</p> <p>This field and the <b>Include History</b> field cannot both be <b>N</b>.</p> <p><b>Default Value:</b> Y (A 1) Required</p>
Include History	<p>Use this field to select whether or not you want to include order history in the data load/reload.</p> <p>Key <b>Y</b> to include history orders.</p> <p>Key <b>N</b> to exclude history orders.</p> <p>This field and the <b>Include Open</b> field cannot both be <b>N</b>.</p> <p><b>Default Value:</b> Y (A 1) Required</p>
Transaction Generated	<p>This field indicates the number of transactions generated (or how many <b>Shipment</b> Noun BODs are created).</p> <p>Once you press the <b>F5=CONTINUE</b> function key, the job is submitted to the On- Ramp Processor.</p> <p>Make note of the transactions that were generated. This indicates the total number of BODs that are processed. Ensure that this number matches the number of BODs accepted by integrating application(s).</p> <p>Display</p>
F3=Exit	<p>Press the <b>F3=EXIT</b> function key to return to the Extension Solution Data Load/ Reload Screen, without continuing with the load process.</p>
F5=Continue	<p>Press the <b>F5=CONTINUE</b> function key to process the load/reload. The job is submitted to the On-Ramp Processor, and the <b>Transaction Generated</b> number is updated to reflect the number of BODs generated in the load/ reload.</p> <p>When you are done, press the <b>F3=EXIT</b> function key to return to the <a href="#">Extension Solution Data Load/Reload Screen</a>.</p>

## Data Load/Reload Invoice Screen

DATA LOAD/RELOAD		Invoice	
Target Application:	INFOR MINGLE	A+ Integration to Ming.le	
Logical ID:	infor.aplus.mingle		
Company?	- .	to?	...
Customer:	.....	to:	.....
Invoice Date:	.....	to:	.....
Warehouse?	...	to?	...
Invoice Number:	.....	to:	.....
Order Number:	.....	to:	.....
Transactions Generated:	0		
		F3=Exit	F5=Continue

This screen displays after selecting the **Invoice** Noun on the [Extension Solution Data Load/Reload Screen](#). Use this screen to select the invoice information for which the data load/reload will occur.

It is the user's responsibility to keep track of previous ranges entered, if you choose to do so. Refer to the [Data Load Note](#) for important data range load considerations.

For more information about using from and to ranges, refer to the Infor Distribution A+ Cross Applications User Guide.

### Data Load/Reload Invoice Screen Fields and Function Keys

Field/Function Key	Description
Target Application	This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a> . The application name and description of the targeted application defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE). Display
Logical ID	This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a> . The unique Logical ID for the selected application as defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE). Display

Field/Function Key	Description
Company	<p>This field appears only if the <b>Multi Company</b> field is set to <b>Y</b> through System Options Maintenance (MENU XAFILE).</p> <p>Use this field to specify the company or range of companies for which you are loading data (publishing <b>Invoice</b> Noun BODs) from Distribution A+.</p> <p>Key the company or range of companies for the data load/reload or leave blank to select all.</p> <p><b>Valid Values:</b> A valid company number defined through Company Name Maintenance (MENU XAFILE) which you are authorized to access through Authority Profile Maintenance (MENU XASCTY). (2 @ N 2,0) Optional</p>
Customer	<p>Use this field to specify the customer number or range of customer numbers for which you are loading data (publishing <b>Invoice</b> Noun BODs) from Distribution A+.</p> <p>Key the customer number or range of customer numbers for the data load/ reload or leave blank to select all.</p> <p><b>Valid Values:</b> Any valid customer created through Customer/Ship to Master Maintenance (MENU ARFILE). (2 @ N 10,0) Optional</p>
Invoice Date	<p>Use this field to specify the invoice date or date range associated with the invoice numbers for which you are loading data (publishing Invoice Noun BODs) from Distribution A+.</p> <p><b>Valid Values:</b> Key the date using the <b>Default Date Format</b> for this user, specified through Register A+ User IDs (MENU XACFIG), or if that field is blank, key the date using the system's <b>Default Date Format</b> specified through System Options Maintenance (MENU XAFILE). (2 @ N 6,0) Optional</p>
Warehouse	<p>Use this field to specify the warehouse or range of warehouses for which you are loading data (publishing <b>Invoice</b> Noun BODs) from Distribution A+.</p> <p>Key the warehouse or range of warehouses for the data load/reload or leave blank to select all.</p> <p><b>Valid Values:</b> A valid warehouse number defined through Warehouse Numbers Maintenance (MENU IAFILE) which you are authorized to access through Authority Profile Maintenance (MENU XASCTY). (2 @ A 2) Optional</p>

Field/Function Key	Description
Invoice Number	<p>Use this field to specify the invoice number or range of invoice numbers for which you are loading data (publishing <b>Invoice</b> Noun BODs) from Distribution A+.</p> <p>(2 @ N 8,0) Optional</p>
Order Number	<p>Use this field to specify the order number or range of order numbers from order history for which you are loading data (publishing <b>Invoice</b> Noun BODs) from Distribution A+.</p> <p>(2 @ A 5) Optional</p>
Transactions Generated	<p>This field indicates the number of transactions generated (or how many <b>Invoice</b> Noun BODs are created).</p> <p>Once you press the <b>F5=CONTINUE</b> function key, the job is submitted to the On- Ramp Processor.</p> <p>Make note of the transactions that were generated. This indicates the total number of BODs that are processed. Ensure that this number matches the number of BODs accepted by integrating application(s).</p> <p>Display</p>
F3=Exit	<p>Press the <b>F3=EXIT</b> function key to return to the Extension Solution Data Load/ Reload Screen, without continuing with the load process.</p>
F5=Continue	<p>Press the <b>F5=CONTINUE</b> function key to process the load/reload. The job is submitted to the On-Ramp Processor, and the <b>Transactions Generated</b> number is updated to reflect the number of BODs generated in the load/ reload.</p> <p>When you are done, press the <b>F3=EXIT</b> function key to return to the <a href="#">Extension Solution Data Load/Reload Screen</a>.</p>

## Data Load/Reload Requisition/PurchaseOrder Screen

```

DATA LOAD/RELOAD Requisition
Target Application: INFOR MINGLE A+ Integration to Ming.le
Logical ID:        infor.aplus.mingle

      Company?      - .      To:  ...
      Vendor:       .....   To:  .....
      Warehouse?   ...      To:  ...
      Order Date:   .....   To:  .....
      Req No.:     .....   To:  .....

      Transactions Generated:                0

                                           F3=Exit   F5=Continue
    
```

This screen displays after selecting the **Requisition** or **PurchaseOrder** Noun on the [Extension Solution Data Load/Reload Screen](#). Use this screen to select the requisition or purchase order information for which the data load/reload will occur.

If you selected the **Requisition** Noun, the title of this screen displays **Requisition** in reverse image, and the **Req No** field will appear. If you selected the **PurchaseOrder** Noun, the title of this screen displays **PurchaseOrder** in reverse image, and the **PO No** field will appear.

It is the user's responsibility to keep track of previous ranges entered, if you choose to do so. Refer to the [Data Load Note](#) for important data range load considerations.

For more information about using from and to ranges, refer to the Infor Distribution A+ Cross Applications User Guide.

### Data Load/Reload Requisition/PurchaseOrder Screen Fields and Function Keys

Field/Function Key	Description
Target Application	This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a> . The application name and description of the targeted application defined through <a href="#">Integrating Application Maintenance</a> (MENU ESDFILE). Display

Field/Function Key	Description
Logical ID	<p>This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a>.</p> <p>The unique Logical ID for the selected application as defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE).</p> <p>Display</p>
Company	<p>This field appears only if the <b>Multi Company</b> field is set to <b>Y</b> through System Options Maintenance (MENU XAFILE).</p> <p>Use this field to specify the company or range of companies for which you are loading data (publishing <b>Requisition</b> or <b>PurchaseOrder</b> Noun BODs) from Distribution A+.</p> <p>Key the company or range of companies for the data load/reload or leave blank to select all.</p> <p><b>Valid Values:</b> A valid company number defined through Company Name Maintenance (MENU XAFILE) which you are authorized to access through Authority Profile Maintenance (MENU XASCTY).</p> <p>(2 @ N 2,0) Optional</p>
Vendor	<p>Use this field to specify the vendor or range of vendors for which you are loading data (publishing <b>Requisition</b> or <b>PurchaseOrder</b> Noun BODs) from Distribution A+.</p> <p><b>Valid Values:</b> A vendor defined through Vendors Maintenance (MENU POFILE)</p> <p>(2 @ A 6) Optional</p>
Warehouse	<p>Use this field to specify the warehouse or range of warehouses for which you are loading data (publishing <b>Requisition</b> or <b>PurchaseOrder</b> Noun BODs) from Distribution A+.</p> <p>Key the warehouse or range of warehouses for the data load/reload or leave blank to select all.</p> <p><b>Valid Values:</b> A valid warehouse number defined through Warehouse Numbers Maintenance (MENU IAFILE) which you are authorized to access through Authority Profile Maintenance (MENU XASCTY).</p> <p>(2 @ A 2) Optional</p>

Field/Function Key	Description
Order Date	<p>Use this field to specify the order date or date range associated with the requisition numbers for which you are loading data (publishing <b>Requisition</b> or <b>PurchaseOrder</b> Noun BODs) from Distribution A+.</p> <p><b>Valid Values:</b> Key the date using the Default Date Format for this user, specified through Register A+ User IDs (MENU XACFIG), or if that field is blank, key the date using the system's <b>Default Date Format</b> specified through System Options Maintenance (MENU XAFILE).</p> <p>(2 @ N 6,0) Optional</p>
Req No	<p>This field displays if you selected the <b>Requisition</b> Noun on the <a href="#">Extension Solution Data Load/Reload Screen</a>.</p> <p>Use this field to specify the requisition number or range of requisition numbers for which you are loading data (publishing <b>Requisition</b> Noun BODs) from Distribution A+.</p> <p>(2 @ A 6) Optional</p>
PO No	<p>This field displays if you selected the <b>PurchaseOrder</b> Noun on the <a href="#">Extension Solution Data Load/Reload Screen</a>.</p> <p>Use this field to specify the purchase order number or range of purchase order numbers for which you are loading data (publishing <b>PurchaseOrder</b> Noun BODs) from Distribution A+.</p> <p>(2 @ A 6) Optional</p>
Transactions Generated	<p>This field indicates the number of transactions generated (or how many <b>Requisition/PurchaseOrder</b> Noun BODs are created).</p> <p>Once you press the <b>F5=CONTINUE</b> function key, the job is submitted to the On- Ramp Processor.</p> <p>Make note of the transactions that were generated. This indicates the total number of BODs that are processed. Ensure that this number matches the number of BODs accepted by integrating application(s).</p> <p>Display</p>
F3=Exit	<p>Press the <b>F3=EXIT</b> function key to return to the Extension Solution Data Load/ Reload Screen, without continuing with the load process.</p>
F5=Continue	<p>Press the <b>F5=CONTINUE</b> function key to process the load/reload. The job is submitted to the On-Ramp Processor, and the <b>Transactions Generated</b> number is updated to reflect the number of BODs generated in the load/ reload.</p> <p>When you are done, press the <b>F3=EXIT</b> function key to return to the <a href="#">Extension Solution Data Load/Reload Screen</a>.</p>

## Data Load/Reload ReceiveDelivery Screen

DATA LOAD/RELOAD		ReceiveDelivery	
Target Application:	INFOR MINGLE	A+ Integration to Ming.le	
Logical ID:	infor.aplus.mingle		
Company?	- .	to?	...
PO Number:	.....	to:	.....
Vendor Number:	.....	to:	.....
Item Number:	.....	to:	.....
Warehouse?	...	to?	...
Receipt Date:	.....	to:	.....
Transactions Generated:		0	
		F3=Exit	F5=Continue

This screen displays after selecting the **ReceiveDelivery** Noun on the [Extension Solution Data Load/ Reload Screen](#). Use this screen to select the receipt information from the Receipt History File (**RCPT**) for which the data load/reload will occur.

It is the user's responsibility to keep track of previous ranges entered, if you choose to do so. Refer to the [Data Load Note](#) for important data range load considerations.

For more information about using from and to ranges, refer to the Infor Distribution A+ Cross Applications User Guide.

### Data Load/Reload ReceiveDelivery Screen Fields and Function Keys

Field/Function Key	Description
Target Application	<p>This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a>.</p> <p>The application name and description of the targeted application defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE).</p> <p>Display</p>
Logical ID	<p>This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a>.</p> <p>The unique Logical ID for the selected application as defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE).</p> <p>Display</p>

Field/Function Key	Description
Company	<p>This field is display only if the <b>Multi Company</b> field is set to <b>Y</b> through System Options Maintenance (MENU XAFILE).</p> <p>Use this field to specify the company or range of companies for which you are loading data (publishing <b>ReceiveDelivery</b> Noun BODs) from Distribution A+.</p> <p>Key the company or range of companies for the data load/reload or leave blank to select all.</p> <p><b>Valid Values:</b> A valid company number defined through Company Name Maintenance (MENU XAFILE) which you are authorized to access through Authority Profile Maintenance (MENU XASCTY). (2 @ N 2,0) Optional/Display</p>
PO Number	<p>Use this field to specify the purchase order number or range of purchase orders for which you are loading data (publishing <b>ReceiveDelivery</b> Noun BODs) from Distribution A+.</p> <p>(2 @ A 6) Optional</p>
Vendor Number	<p>Use this field to specify the vendor or range of vendors for which you are loading data (publishing <b>ReceiveDelivery</b> Noun BODs) from Distribution A+.</p> <p><b>Valid Values:</b> A vendor defined through Vendors Maintenance (MENU POFIELD) which you are authorized to access through Authority Profile Maintenance (MENU XASCTY). (2 @ A 6) Optional</p>
Item Number	<p>Use this field to specify the item or items for which you are loading data (publishing <b>ReceiveDelivery</b> Noun BODs) from Distribution A+.</p> <p><b>Valid Values:</b> An item defined through Item Master Maintenance (MENU IAFIELD) which you are authorized to access through Authority Profile Maintenance (MENU XASCTY). (2 @ A 27) Optional</p>
Warehouse	<p>Use this field to specify the warehouse or range of warehouses for which you are loading data (publishing <b>ReceiveDelivery</b> Noun BODs) from Distribution A+.</p> <p>Key the warehouse or range of warehouses for the data load/reload or leave blank to select all.</p> <p><b>Valid Values:</b> A valid warehouse number defined through Warehouse Numbers Maintenance (MENU IAFIELD) which you are authorized to access through Authority Profile Maintenance (MENU XASCTY). (2 @ A 2) Optional</p>

Field/Function Key	Description
Receipt Date	<p>Use this field to specify the receipt date or date range associated with the purchase order numbers for which you are loading data (publishing <b>ReceiveDelivery</b> Noun BODs) from Distribution A+.</p> <p><b>Valid Values:</b> Key the date using the <b>Default Date Format</b> for this user, specified through Register A+ User IDs (MENU XACFIG), or if that field is blank, key the date using the system's <b>Default Date Format</b> specified through System Options Maintenance (MENU XAFILE).</p> <p>(2 @ N 6,0) Optional</p>
Transactions Generated	<p>This field indicates the number of transactions generated (or how many <b>ReceiveDelivery</b> Noun BODs are created).</p> <p>Once you press the <b>F5=CONTINUE</b> function key, the job is submitted to the On- Ramp Processor.</p> <p>Make note of the transactions that were generated. This indicates the total number of BODs that are processed. Ensure that this number matches the number of BODs accepted by integrating application(s).</p> <p>Display</p>
F3=Exit	<p>Press the <b>F3=EXIT</b> function key to return to the Extension Solution Data Load/ Reload Screen, without continuing with the load process.</p>
F5=Continue	<p>Press the <b>F5=CONTINUE</b> function key to process the load/reload. The job is submitted to the On-Ramp Processor, and the <b>Transactions Generated</b> number is updated to reflect the number of BODs generated in the load/ reload.</p> <p>When you are done, press the <b>F3=EXIT</b> function key to return to the <a href="#">Extension Solution Data Load/Reload Screen</a>.</p>

## Data Load/Reload ReceivableTransaction Screen

```

DATA LOAD/RELOAD ReceivableTransaction
Target Application: INFOR MINGLE A+ Integration to Ming.le
Logical ID:        infor.aplus.mingle

Company?          - .          to? ...
Customer:         .....      to: .....
Aging Date:       .....      to: .....
Invoice Number:   .....      to: .....

Include
  Open: ..
  Paid: ..

Transactions Generated:          0

F3=Exit  F5=Continue
    
```

This screen displays after selecting the **ReceivableTransaction** Noun on the [Extension Solution Data Load/Reload Screen](#). Use this screen to select the receivable transaction information from the A/R Open Invoices and/or A/R Paid Invoices files for which the data load/reload will occur.

It is the user's responsibility to keep track of previous ranges entered, if you choose to do so. Refer to the [Data Load Note](#) for important data range load considerations.

For more information about using from and to ranges, refer to the Infor Distribution A+ Cross Applications User Guide.

### Data Load/Reload ReceivableTransaction Screen Fields and Function Keys

Field/Function Key	Description
Target Application	<p>This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a>.</p> <p>The application name and description of the targeted application defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE).</p> <p>Display</p>
Logical ID	<p>This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a>.</p> <p>The unique Logical ID for the selected application as defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE).</p> <p>Display</p>

Field/Function Key	Description
Company	<p>This field appears only if the <b>Multi Company</b> field is set to <b>Y</b> through System Options Maintenance (MENU XAFILE).</p> <p>Use this field to specify the company or range of companies for which you are loading data (publishing <b>ReceivableTransaction</b> Noun BODs) from Distribution A+.</p> <p>Key the company or range of companies for the data load/reload or leave blank to select all.</p> <p><b>Valid Values:</b> A valid company number defined through Company Name Maintenance (MENU XAFILE) which you are authorized to access through Authority Profile Maintenance (MENU XASCTY). (2 @ N 2,0) Optional</p>
Customer	<p>Use this field to specify the customer number or range of customer numbers for which you are loading data (publishing <b>ReceivableTransaction</b> Noun BODs) from Distribution A+.</p> <p>Key the customer number or range of customer numbers for the data load/ reload or leave blank to select all.</p> <p><b>Valid Values:</b> Any valid customer created through Customer/Ship to Master Maintenance (MENU ARFILE). (2 @ N 10,0) Optional</p>
Aging Date	<p>Use this field to specify the aging date of the invoice or range of aging dates for which you are loading data (publishing <b>ReceivableTransaction</b> Noun BODs) from Distribution A+.</p> <p><b>Valid Values:</b> Key the date using the <b>Default Date Format</b> for this user, specified through Register A+ User IDs (MENU XACFIG), or if that field is blank, key the date using the system's <b>Default Date Format</b> specified through System Options Maintenance (MENU XAFILE). (2 @ N 6,0) Optional</p>
Invoice Number	<p>Use this field to specify the invoice number or range of invoice numbers for which you are loading data (publishing <b>ReceivableTransaction</b> Noun BODs) from Distribution A+. (2 @ N 8,0) Optional</p>

Field/Function Key	Description
Include Open	<p>Use this field to select whether or not you want to include open invoices in the data load/reload.</p> <p>Key <b>Y</b> to include invoices from the A/R Open Invoice File (<b>ARDHD</b>). Paid invoices remain in the open invoices file until the completion of Month End Processing (MENU ARMAST) or Paid Invoice Purge (MENU ARMAST).</p> <p><b>Note:</b> Paid invoices that have been copied to the A/R History Invoices File (<b>ARHHD</b>) through A/R History Update (MENU ARMAST) will be bypassed from the open invoice selection.</p> <p>Key <b>N</b> to exclude open invoices.</p> <p>This field and the <b>Include Paid</b> field cannot both be <b>N</b>.</p> <p><b>Default Value:</b> Y (A 1) Required</p>
Include Paid	<p>Use this field to select whether or not you want to include paid invoices in the data load/reload.</p> <p>Key <b>Y</b> to include paid invoices from the A/R History Invoices File (<b>ARHHD</b>).</p> <p>Key <b>N</b> to exclude paid invoices.</p> <p>This field and the <b>Include Open</b> field cannot both be <b>N</b>.</p> <p><b>Default Value:</b> Y (A 1) Required</p>
Transactions Generated	<p>This field indicates the number of transactions generated (or how many <b>ReceivableTransaction</b> Noun BODs are created).</p> <p>Once you press the <b>F5=CONTINUE</b> function key, the job is submitted to the On- Ramp Processor.</p> <p>Make note of the transactions that were generated. This indicates the total number of BODs that are processed. Ensure that this number matches the number of BODs accepted by integrating application(s).</p> <p>Display</p>
F3=Exit	<p>Press the <b>F3=EXIT</b> function key to return to the Extension Solution Data Load/ Reload Screen, without continuing with the load process.</p>
F5=Continue	<p>Press the <b>F5=CONTINUE</b> function key to process the load/reload. The job is submitted to the On-Ramp Processor, and the <b>Transactions Generated</b> number is updated to reflect the number of BODs generated in the load/ reload.</p> <p>When you are done, press the <b>F3=EXIT</b> function key to return to the <a href="#">Extension Solution Data Load/Reload Screen</a>.</p>

## Data Load/Reload PayableTransaction Screen

```

DATA LOAD/RELOAD PayableTransaction
Target Application: INFOR MINGLE A+ Integration to Ming.le
Logical ID:        infor.aplus.mingle

Company?          - .      to?   ...
Vendor:           .....   to    .....
Invoice Date:     .....   to:   .....
Business Unit?   ...      to?   ...
Voucher Number:  .....   to:   .....

Include
  Vouchered: ..
  Open:      ..
  Paid:      ..

Transactions Generated:                0

                                           F3=Exit   F5=Continue
    
```

This screen displays after selecting the **PayableTransaction** Noun on the [Extension Solution Data Load/Reload Screen](#). Use this screen to select the payable transaction information from the A/ P Voucher Entry, A/P Open Payables and/or A/P History Payables file for which the data load/reload will occur.

It is the user’s responsibility to keep track of previous ranges entered, if you choose to do so. Refer to the [Data Load Note](#) for important data range load considerations.

For more information about using from and to ranges, refer to the Infor Distribution A+ Cross Applications User Guide.

### Data Load/Reload PayableTransaction Screen Fields and Function Keys

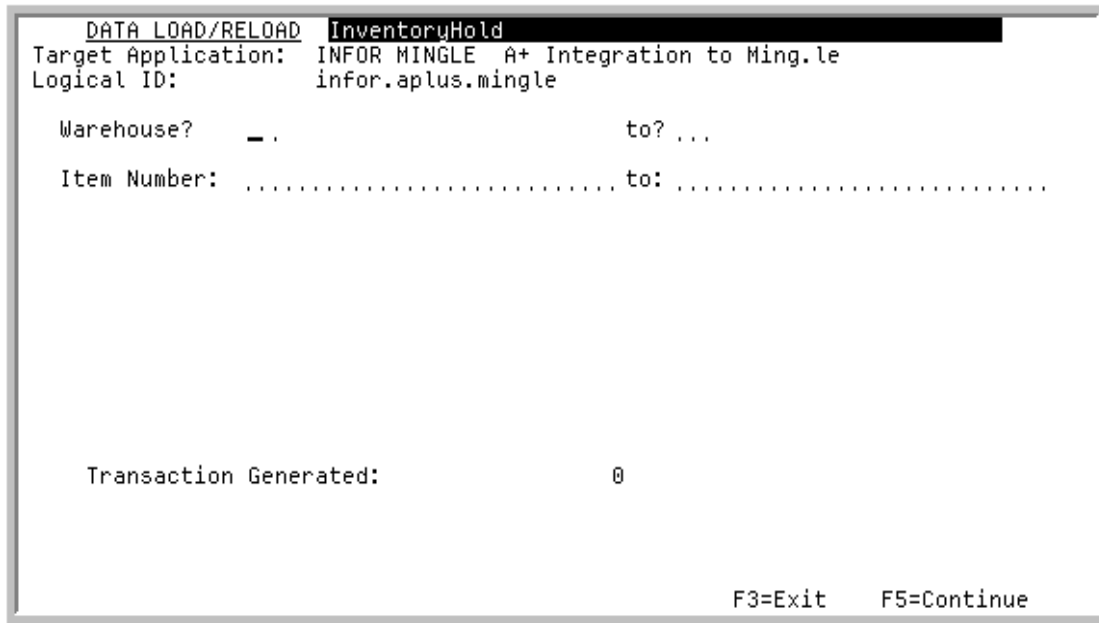
Field/Function Key	Description
Target Application	<p>This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a>.</p> <p>The application name and description of the targeted application defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE).</p> <p>Display</p>

Field/Function Key	Description
Logical ID	<p>This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a>.</p> <p>The unique Logical ID for the selected application as defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE).</p> <p>Display</p>
Company	<p>This field appears only if the <b>Multi Company</b> field is set to <b>Y</b> through System Options Maintenance (MENU XAFILE).</p> <p>Use this field to specify the company or range of companies for which you are loading data (publishing <b>PayableTransaction</b> Noun BODs) from Distribution A+.</p> <p>Key the company or range of companies for the data load/reload or leave blank to select all.</p> <p><b>Valid Values:</b> A valid company number defined through Company Name Maintenance (MENU XAFILE) which you are authorized to access through Authority Profile Maintenance (MENU XASCTY).</p> <p>(2 @ N 2,0) Optional</p>
Vendor	<p>Use this field to specify the vendor or range of vendors for which you are loading data (publishing <b>PayableTransaction</b> Noun BODs) from Distribution A+.</p> <p><b>Valid Values:</b> A vendor defined through Vendors Maintenance (MENU POFIL)</p> <p>(2 @ A 6) Optional</p>
Invoice Date	<p>Use this field to specify the invoice date or date range associated with the voucher numbers for which you are loading data (publishing <b>PayableTransaction</b> Noun BODs) from Distribution A+.</p> <p><b>Valid Values:</b> Key the date using the <b>Default Date Format</b> for this user, specified through Register A+ User IDs (MENU XACFIG), or if that field is blank, key the date using the system's <b>Default Date Format</b> specified through System Options Maintenance (MENU XAFILE).</p> <p>(2 @ N 6,0) Optional</p>

Field/Function Key	Description
Business Unit	<p>Use this field to specify the business unit or range of business units associated with the voucher numbers for which you are loading data (publishing <b>PayableTransaction</b> Noun BODs) from Distribution A+.</p> <p>The business unit is a two character code that can be assigned as a default for the vendor in Vendors Maintenance (MENU APFILE/POFILE) or can be assigned to each voucher during Voucher Entry (MENU APMAIN), and is used when posting to the A/P Liability and the A/P Expense accounts for a voucher.</p> <p><b>Valid Values:</b> Any valid business unit set up through Business Units Maintenance (MENU APFILE)</p> <p>(2 @ A 2) Optional</p>
Voucher Number	<p>Use this field to specify the voucher number or range of voucher numbers (of the open or paid payable) for which you are loading data (publishing <b>PayableTransaction</b> Noun BODs) from Distribution A+.</p> <p>(2 @ N 7,0) Optional</p>
Include Vouchered	<p>Use this field to specify whether or not you want included in the data load/ reload invoices which have been vouchered to Accounts Payable through Voucher Entry (APMAIN) the but are not yet posted through Post Vouchers (MENU APMAIN).</p> <p>Key <b>Y</b> to include vouchered items.</p> <p>Key <b>N</b> to exclude vouchered items.</p> <p>At least one include field (<b>Include Vouchered, Open or Paid</b>, must be <b>Y</b>).</p> <p>(A 1) Required</p>
Include Open	<p>Use this field to specify whether or not you want to include open vouchers in the data load/reload.</p> <p>Key <b>Y</b> to include open vouchers.</p> <p>Key <b>N</b> to exclude open vouchers.</p> <p>At least one include field (<b>Include Vouchered, Open or Paid</b>, must be <b>Y</b>).</p> <p>(A 1) Required</p>
Include Paid	<p>Use this field to specify whether or not you want to include paid vouchers in the data load/reload.</p> <p>Key <b>Y</b> to include paid vouchers.</p> <p>Key <b>N</b> to exclude paid vouchers.</p> <p>At least one include field (<b>Include Vouchered, Open or Paid</b>, must be <b>Y</b>).</p> <p>(A 1) Required</p>

Field/Function Key	Description
Transactions Generated	<p>This field indicates the number of transactions generated (or how many <b>PayableTransaction</b> Noun BODs are created).</p> <p>Once you press the <b>F5=CONTINUE</b> function key, the job is submitted to the On- Ramp Processor.</p> <p>Make note of the transactions that were generated. This indicates the total number of BODs that are processed. Ensure that this number matches the number of BODs accepted by integrating application(s).</p> <p>Display</p>
F3=Exit	<p>Press the <b>F3=EXIT</b> function key to return to the Extension Solution Data Load/ Reload Screen, without continuing with the load process.</p>
F5=Continue	<p>Press the <b>F5=CONTINUE</b> function key to process the load/reload. The job is submitted to the On-Ramp Processor, and the <b>Transactions Generated</b> number is updated to reflect the number of BODs generated in the load/ reload.</p> <p>When you are done, press the <b>F3=EXIT</b> function key to return to the <a href="#">Extension Solution Data Load/Reload Screen</a>.</p>

## Data Load/Reload InventoryHold Screen



This screen displays after selecting the **InventoryHold** Noun on the [Extension Solution Data Load/Reload Screen](#). Use this screen to select the inventory hold transaction information for which the data load/reload will occur.

It is the user’s responsibility to keep track of previous ranges entered, if you choose to do so. Refer to the Data Load Note for important data range load considerations.

For more information about using from and to ranges, refer to the Infor Distribution A+ Cross Applications User Guide.

### Data Load/Reload InventoryHold Screen Fields and Function Keys

Field/Function Key	Description
Target Application	This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a> . The application name and description of the targeted application defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE). Display
Logical ID	This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a> . The unique Logical ID for the selected application as defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE). Display

Field/Function Key	Description
Warehouse	<p>Use this field to specify the warehouse or range of warehouses for which you are loading data (publishing <b>InventoryHold</b> Noun BODs) from Distribution A+.</p> <p>Key the warehouse or range of warehouses for the data load/reload or leave blank to select all.</p> <p><b>Valid Values:</b> A valid warehouse number defined through Warehouse Numbers Maintenance (MENU IAFILE) which you are authorized to access through Authority Profile Maintenance (MENU XASCTY).</p> <p>(2 @ A 2) Optional</p>
Item Number	<p>Use this field to specify the item or items for which you are loading data (publishing <b>InventoryHold</b> Noun BODs) from Distribution A+.</p> <p><b>Valid Values:</b> An item defined through Item Master Maintenance (MENU IAFILE)</p> <p>(2 @ A 27) Optional</p>
Transaction Generated	<p>This field indicates the number of transactions generated (or how many <b>InventoryHold</b> Noun BODs are created).</p> <p>Once you press the <b>F5=CONTINUE</b> function key, the job is submitted to the On- Ramp Processor.</p> <p>Make note of the transactions that were generated. This indicates the total number of BODs that are processed. Ensure that this number matches the number of BODs accepted by integrating application(s).</p> <p>Display</p>
F3=Exit	<p>Press the <b>F3=EXIT</b> function key to return to the Extension Solution Data Load/ Reload Screen, without continuing with the load process.</p>
F5=Continue	<p>Press the <b>F5=CONTINUE</b> function key to process the load/reload. The job is submitted to the On-Ramp Processor, and the <b>Transaction Generated</b> number is updated to reflect the number of BODs generated in the load/reload.</p> <p>When you are done, press the <b>F3=EXIT</b> function key to return to the <a href="#">Extension Solution Data Load/Reload Screen</a>.</p>

## Data Load/Reload ContactMaster Screen

```

DATA LOAD/RELOAD ContactMaster
Target Application: INFOR MINGLE A+ Integration to Ming.le
Logical ID: infor.aplus.mingle

Contact ID: - ..... to .....

Transaction Generated: 0

F3=Exit F5=Continue

```

This screen displays after selecting the **ContactMaster** Noun on the [Extension Solution Data Load/Reload Screen](#). Use this screen to select the customer/ship-to contact ID transaction information for which the data load/reload will occur.

It is the user's responsibility to keep track of previous ranges entered, if you choose to do so. Refer to the [Data Load Note](#) for important data range load considerations.

For more information about using from and to ranges, refer to the Infor Distribution A+ Cross Applications User Guide.

### Data Load/Reload ContactMaster Screen Fields and Function Keys

Field/Function Key	Description
Target Application	<p>This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a>.</p> <p>The application name and description of the targeted application defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE).</p> <p>Display</p>
Logical ID	<p>This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a>.</p> <p>The unique Logical ID for the selected application as defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE).</p> <p>Display</p>

Field/Function Key	Description
Contact ID	<p>Use this field to specify the contact ID or range of contact IDs for which you are loading data (publishing <b>ContactMaster</b> Noun BODs) from Distribution A+. Currently, contacts are customer or ship-to contacts.</p> <p>(2 @ N 10,0) Optional</p>
Transaction Generated	<p>This field indicates the number of transactions generated (or how many <b>ContactMaster</b> Noun BODs are created).</p> <p>Once you press the <b>F5=CONTINUE</b> function key, the job is submitted to the On- Ramp Processor.</p> <p>Make note of the transactions that were generated. This indicates the total number of BODs that are processed. Ensure that this number matches the number of BODs accepted by integrating application(s).</p> <p>Display</p>
F3=Exit	<p>Press the <b>F3=EXIT</b> function key to return to the Extension Solution Data Load/ Reload Screen, without continuing with the load process.</p>
F5=Continue	<p>Press the <b>F5=CONTINUE</b> function key to process the load/reload. The job is submitted to the On-Ramp Processor, and the <b>Transaction Generated</b> number is updated to reflect the number of BODs generated in the load/ reload.</p> <p>When you are done, press the <b>F3=EXIT</b> function key to return to the <a href="#">Extension Solution Data Load/Reload Screen</a>.</p>

## Data Load/Reload CustomerReturn Screen

```

DATA LOAD/RELOAD CustomerReturn
Target Application: INFOR MINGLE A+ Integration to Ming.le
Logical ID:        infor.aplus.mingle

Company?          - .          to?   ...
Customer:         .....          to:   .....
Warehouse?       ...          to?   ...
Order:            .....          to:   .....
Invoice Number:  .....          to:   .....
Entry Date:       .....          to:   .....
Include Open:    Y.          History: Y.

Transactions Generated:          0

F3=Exit  F5=Continue

```

This screen displays after selecting the **CustomerReturn** Noun on the [Extension Solution Data Load/ Reload Screen](#). Use this screen to select the customer return (**Order Type R**) transaction information from the Open Order File (**ORHED**) and/or the Order History File (**HSHEd**) for which the data load/reload will occur.

It is the user's responsibility to keep track of previous ranges entered, if you choose to do so. Refer to the [Data Load Note](#) for important data range load considerations.

For more information about using from and to ranges, refer to the Infor Distribution A+ Cross Applications User Guide.

### Data Load/Reload CustomerReturn Screen Fields and Function Keys

Field/Function Key	Description
Target Application	This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a> . The application name and description of the targeted application defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE). Display

Field/Function Key	Description
Logical ID	<p>This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a>.</p> <p>The unique Logical ID for the selected application as defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE).</p> <p>Display</p>
Company	<p>This field appears only if the <b>Multi Company</b> field is set to <b>Y</b> through System Options Maintenance (MENU XAFILE).</p> <p>Use this field to specify the company or range of companies for which you are loading data (publishing <b>CustomerReturn</b> Noun BODs) from Distribution A+.</p> <p>Key the company or range of companies for the data load/reload or leave blank to select all.</p> <p><b>Valid Values:</b> A valid company number defined through Company Name Maintenance (MENU XAFILE) which you are authorized to access through Authority Profile Maintenance (MENU XASCTY).</p> <p>(2 @ N 2,0) Optional</p>
Customer	<p>Use this field to specify the customer number or range of customer numbers for which you are loading data (publishing <b>CustomerReturn</b> Noun BODs) from Distribution A+.</p> <p>Key the customer number or range of customer numbers for the data load/ reload or leave blank to select all.</p> <p><b>Valid Values:</b> Any valid customer created through Customer/Ship to Master Maintenance (MENU ARFILE).</p> <p>(2 @ N 10,0) Optional</p>
Warehouse	<p>Use this field to specify the warehouse or range of warehouses for which you are loading data (publishing <b>CustomerReturn</b> Noun BODs) from Distribution A+.</p> <p>Key the warehouse or range of warehouses for the data load/reload or leave blank to select all.</p> <p><b>Valid Values:</b> A valid warehouse number defined through Warehouse Numbers Maintenance (MENU IAFILE) which you are authorized to access through Authority Profile Maintenance (MENU XASCTY).</p> <p>(2 @ A 2) Optional</p>
Order	<p>Use this field to specify the order number or range of order numbers for which you are loading data (publishing <b>CustomerReturn</b> Noun BODs) from Distribution A+.</p> <p>(2 @ A 5) Optional</p>

Field/Function Key	Description
Invoice Number	<p>Use this field to specify the invoice number or range of invoice numbers for which you are loading data (publishing <b>CustomerReturn</b> Noun BODs) from Distribution A+.</p> <p>(2 @ N 8,0) Optional</p>
Entry Date	<p>Use this field to specify the entry date of the sales order or range of entry dates for which you are loading data (publishing <b>CustomerReturn</b> Noun BODs) from Distribution A+.</p> <p><b>Valid Values:</b> Key the date using the <b>Default Date Format</b> for this user, specified through Register A+ User IDs (MENU XACFIG), or if that field is blank, key the date using the system's <b>Default Date Format</b> specified through System Options Maintenance (MENU XAFILE).</p> <p>(2 @ N 6,0) Optional</p>
Include Open	<p>Use this field to select whether or not you want to include open orders in the data load/reload.</p> <p>Key <b>Y</b> to include open orders.</p> <p>Key <b>N</b> to exclude open orders.</p> <p>This field and the <b>Include History</b> field cannot both be <b>N</b>.</p> <p><b>Default Value:</b> Y</p> <p>(A 1) Required</p>
Include History	<p>Use this field to select whether or not you want to include order history in the data load/reload.</p> <p>Key <b>Y</b> to include history orders.</p> <p>Key <b>N</b> to exclude history orders.</p> <p>This field and the <b>Include Open</b> field cannot both be <b>N</b>.</p> <p><b>Default Value:</b> Y</p> <p>(A 1) Required</p>
Transactions Generated	<p>This field indicates the number of transactions generated (or how many <b>CustomerReturn</b> Noun BODs are created).</p> <p>Once you press the <b>F5=CONTINUE</b> function key, the job is submitted to the On- Ramp Processor.</p> <p>Make note of the transactions that were generated. This indicates the total number of BODs that are processed. Ensure that this number matches the number of BODs accepted by integrating application(s).</p> <p>Display</p>
F3=Exit	<p>Press the <b>F3=EXIT</b> function key to return to the Extension Solution Data Load/ Reload Screen, without continuing with the load process.</p>

Field/Function Key	Description
F5=Continue	<p>Press the <b>F5=CONTINUE</b> function key to process the load/reload. The job is submitted to the On-Ramp Processor, and the <b>Transactions Generated</b> number is updated to reflect the number of BODs generated in the load/ reload.</p> <p>When you are done, press the <b>F3=EXIT</b> function key to return to the <a href="#">Extension Solution Data Load/Reload Screen</a>.</p>

---

## Data Load/Reload Quote Screen

```

DATA LOAD/RELOAD Quote
Target Application: INFOR MINGLE A+ Integration to Ming.le
Logical ID:        infor.aplus.mingle

Company?          - .          to?   ...
Customer:         ..... to:   .....
Warehouse?       ...          to?   ...
Order:            ..... to:   .....
Invoice Number:  ..... to:   .....
Entry Date:       ..... to:   .....

Transactions Generated:      0

F3=Exit  F5=Continue

```

This screen displays after selecting the **Quote** Noun on the [Extension Solution Data Load/Reload Screen](#). Use this screen to select the quote transaction information (**Order Type Q**) from the Open Orders File (**ORHED**) for which the data load/reload will occur.

It is the user's responsibility to keep track of previous ranges entered, if you choose to do so. Refer to the Data Load Note for important data range load considerations.

For more information about using from and to ranges, refer to the Infor Distribution A+ Cross Applications User Guide.

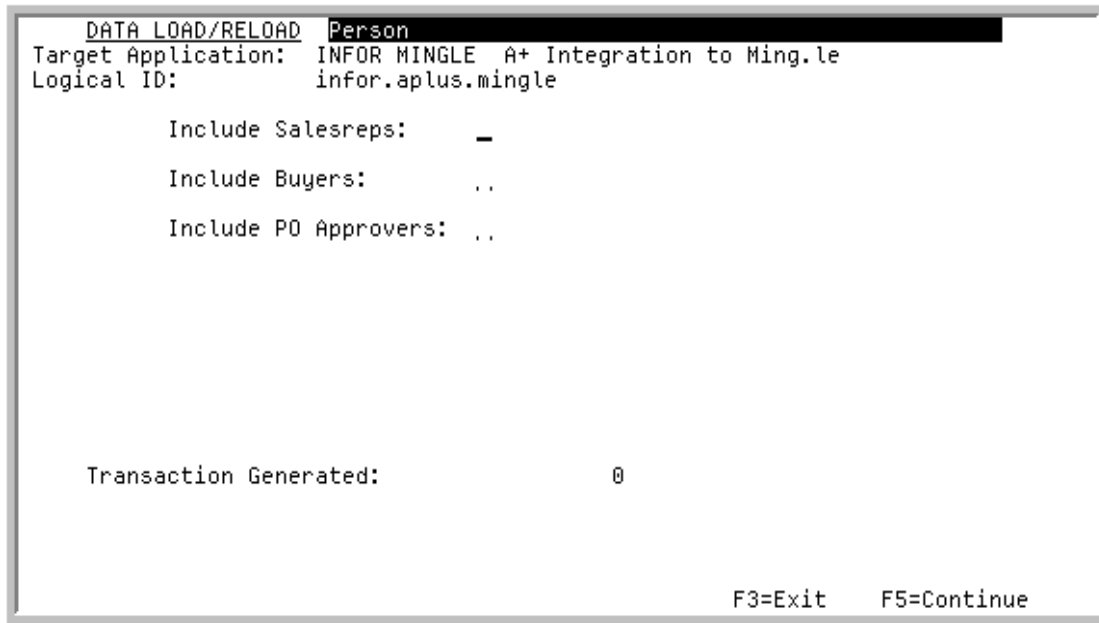
### Data Load/Reload Quote Screen Fields and Function Keys

Field/Function Key	Description
Target Application	<p>This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a>.</p> <p>The application name and description of the targeted application defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE).</p> <p>Display</p>
Logical ID	<p>This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a>.</p> <p>The unique Logical ID for the selected application as defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE).</p> <p>Display</p>

Field/Function Key	Description
Company	<p>This field appears only if the <b>Multi Company</b> field is set to <b>Y</b> through System Options Maintenance (MENU XAFILE).</p> <p>Use this field to specify the company or range of companies for which you are loading data (publishing <b>Quote</b> Noun BODs) from Distribution A+.</p> <p>Key the company or range of companies for the data load/reload or leave blank to select all.</p> <p><b>Valid Values:</b> A valid company number defined through Company Name Maintenance (MENU XAFILE) which you are authorized to access through Authority Profile Maintenance (MENU XASCTY). (2 @ N 2,0) Optional</p>
Customer	<p>Use this field to specify the customer number or range of customer numbers for which you are loading data (publishing <b>Quote</b> Noun BODs) from Distribution A+.</p> <p>Key the customer number or range of customer numbers for the data load/ reload or leave blank to select all.</p> <p><b>Valid Values:</b> Any valid customer created through Customer/Ship to Master Maintenance (MENU ARFILE). (2 @ N 10,0) Optional</p>
Warehouse	<p>Use this field to specify the warehouse or range of warehouses for which you are loading data (publishing <b>Quote</b> Noun BODs) from Distribution A+.</p> <p>Key the warehouse or range of warehouses for the data load/reload or leave blank to select all.</p> <p><b>Valid Values:</b> A valid warehouse number defined through Warehouse Numbers Maintenance (MENU IAFILE) which you are authorized to access through Authority Profile Maintenance (MENU XASCTY). (2 @ A 2) Optional</p>
Order	<p>Use this field to specify the order number or range of order numbers for which you are loading data (publishing <b>Quote</b> Noun BODs) from Distribution A+.</p> <p>(2 @ A 5) Optional</p>
Invoice Number	<p>Use this field to specify the invoice number or range of invoice numbers for which you are loading data (publishing <b>Quote</b> Noun BODs) from Distribution A+.</p> <p>(2 @ N 8,0) Optional</p>

Field/Function Key	Description
Entry Date	<p>Use this field to specify the entry date of the sales order or range of entry dates for which you are loading data (publishing <b>Quote Noun BODs</b>) from Distribution A+.</p> <p><b>Valid Values:</b> Key the date using the <b>Default Date Format</b> for this user, specified through Register A+ User IDs (MENU XACFIG), or if that field is blank, key the date using the system's <b>Default Date Format</b> specified through System Options Maintenance (MENU XAFILE).</p> <p>(2 @ N 6,0) Optional</p>
Transactions Generated	<p>This field indicates the number of transactions generated (or how many <b>Quote Noun BODs</b> are created).</p> <p>Once you press the <b>F5=CONTINUE</b> function key, the job is submitted to the On- Ramp Processor.</p> <p>Make note of the transactions that were generated. This indicates the total number of BODs that are processed. Ensure that this number matches the number of BODs accepted by integrating application(s).</p> <p>Display</p>
F3=Exit	<p>Press the <b>F3=EXIT</b> function key to return to the <a href="#">Extension Solution Data Load/ Reload Screen</a>, without continuing with the load process.</p>
F5=Continue	<p>Press the <b>F5=CONTINUE</b> function key to process the load/reload. The job is submitted to the On-Ramp Processor, and the <b>Transactions Generated</b> number is updated to reflect the number of BODs generated in the load/ reload.</p> <p>When you are done, press the <b>F3=EXIT</b> function key to return to the <a href="#">Extension Solution Data Load/Reload Screen</a>.</p>

## Data Load/Reload Person Screen



This screen displays after selecting the **Person** Noun on the [Extension Solution Data Load/Reload Screen](#). Use this screen to select the transactions by person for which the data load/reload will occur.

It is the user's responsibility to keep track of previous ranges entered, if you choose to do so. Refer to the [Data Load Note](#) for important data range load considerations.

For more information about using from and to ranges, refer to the Infor Distribution A+ Cross Applications User Guide.

### Data Load/Reload Person Screen Fields and Function Keys

Field/Function Key	Description
Target Application	This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a> . The application name and description of the targeted application defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE). Display
Logical ID	This field only displays when this screen displays from the <a href="#">Target Application Selection Screen</a> . The unique Logical ID for the selected application as defined through <a href="#">Integrating Application Maintenance</a> (MENU ESFILE). Display

Field/Function Key	Description
Include Salesreps	<p>Use this field to select whether or not you want to include salesreps in the data load/reload. Sales reps are defined through Salesreps Maintenance (MENU SAFILE).</p> <p>Key <b>Y</b> to include salesreps.</p> <p>Key <b>N</b> to exclude salesreps.</p> <p>At least one include field (<b>Include Salesreps, Buyers or PO Approvers</b>), must be <b>Y</b>.</p> <p>(A 1) Required</p>
Include Buyers	<p>Use this field to select whether or not you want to include buyers in the data load/reload. Buyers are defined through Buyers Maintenance (MENU POFIL2).</p> <p>Key <b>Y</b> to include buyers.</p> <p>Key <b>N</b> to exclude buyers.</p> <p>At least one include field (<b>Include Salesreps, Buyers or PO Approvers</b>), must be <b>Y</b>.</p> <p>(A 1) Required</p>
Include PO Approvers	<p>Use this field to select whether or not you want to include purchase order approvers (defined through Approval Codes Maintenance, MENU POFIL2) in the data load/reload.</p> <p>Key <b>Y</b> to include purchase order approvers.</p> <p>Key <b>N</b> to exclude purchase order approvers.</p> <p>At least one include field (<b>Include Salesreps, Buyers or PO Approvers</b>), must be <b>Y</b>.</p> <p>(A 1) Required</p>
Transactions Generated	<p>This field indicates the number of transactions generated (or how many <b>Person</b> Noun BODs are created).</p> <p>Once you press the <b>F5=CONTINUE</b> function key, the job is submitted to the On- Ramp Processor.</p> <p>Make note of the transactions that were generated. This indicates the total number of BODs that are processed. Ensure that this number matches the number of BODs accepted by integrating application(s).</p> <p>Display</p>
F3=Exit	<p>Press the <b>F3=EXIT</b> function key to return to the Extension Solution Data Load/ Reload Screen, without continuing with the load process.</p>

Field/Function Key	Description
F5=Continue	<p>Press the <b>F5=CONTINUE</b> function key to process the load/reload. The job is submitted to the On-Ramp Processor, and the <b>Transactions Generated</b> number is updated to reflect the number of BODs generated in the load/ reload.</p> <p>When you are done, press the <b>F3=EXIT</b> function key to return to the <a href="#">Extension Solution Data Load/Reload Screen</a>.</p>

---

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## Chapter 15 Activate Extension Solution

Use [Activate Extension Solution](#) (MENU ESMAS) to activate Extension Solution once you have completed all required setup steps to configure Distribution A+ to generate and consume BODs.

Options are set up using the Extension Solution - File Maintenance Menu (MENU ESFILE).

When this option is selected, the system performs an activation check to verify if:

- System options exist
- Startup options exist
- At least one company is active
- At least one event is active
- At least one thread is active for the On-Ramp Service Processor
- The On-Ramp Service Processor is configured

If any of these checks fail, the Extension Solution Errors Report (ES990A) will print. Review this report in your spool file to determine what needs to be corrected so that Extension Solution can be activated.

When you press **F5=CONTINUE** on the [Activate Extension Solution Screen](#), the [Noun Activation/Deactivation Screen](#) will appear. On this screen, you will be able to select those Nouns that are to be activated at this time. This process can also be done at a later time using Noun Activation/Deactivation (MENU ESMAS).

Extension Solution is only activated if the message “Extension Solution has been activated” appears after you press **F10=UPDATE** on the [Noun Activation/Deactivation Screen](#).

If the activation has already occurred, when you select this option, you will receive the message “**Extension Solution has already been activated.**”

**Note:** This option is one of the Setup and Configuration steps required to integrate Distribution A+ with ION. Refer to the Infor Distribution A+ ION Integration Guide for more information.

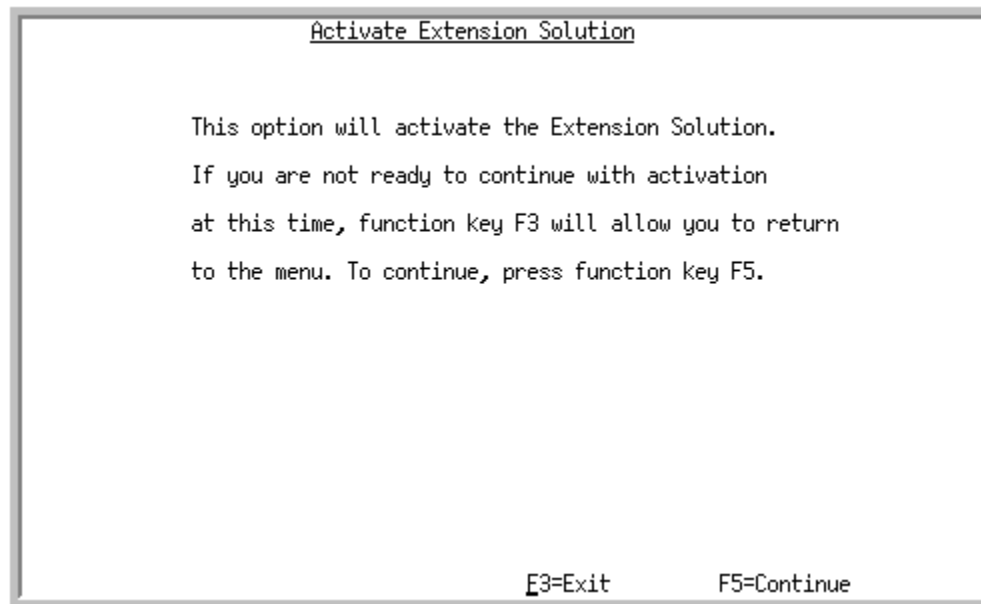
## Activate Extension Solution

The screens and/or reports in this option and a brief description are listed in the following table. A complete description of each screen/report is contained in this section.

Title	Purpose
<a href="#">Activate Extension Solution Screen</a>	Used to activate Extension Solution.
<a href="#">Noun Activation/Deactivation Screen</a>	Described in Noun Activation/Deactivation (MENU ESMASST).
<a href="#">Extension Solutions Errors Report</a>	Prints to determine what needs to be corrected so that Extension Solution can be activated.

---

## Activate Extension Solution Screen



This screen displays after selecting option 2 - [Activate Extension Solution](#) on MENU ESMASST. Use this screen to activate Extension Solution.

### Activate Extension Solution Screen Fields and Function Keys

Field/Function Key	Description
F3=Exit	Press the <b>F3=EXIT</b> function key to return to MENU ESMASST, without continuing with the activation.
F5=Continue	<p>Press the <b>F5=CONTINUE</b> function key to continue.</p> <p>If options are not set up, the Extension Solution Message Screen appears showing “<b>Extension Solution options are not set up - see output</b>”.</p> <p>Display your spooled files and review the <a href="#">Extension Solutions Errors Report</a>.</p> <p>If all checks are passed, the <a href="#">Noun Activation/Deactivation Screen</a> will appear. Extension Solution is only activated if the message “Extension Solution has been activated” appears after you press <b>F10=UPDATE</b> on the <a href="#">Noun Activation/Deactivation Screen</a>.</p>

## Extension Solutions Errors Report

```
ES990A 20/07/13 12.55.43      EXTENSION SOLUTION ERRORS REPORT      AF/APDEMO      PAGE 1
-----
** SOA Startup Options need to be set up **
** On-Ramp Service Processor Configuration needs to be done **
** Auto Purge On-Ramp Service Processor needs to be done **
** Auto Purge BOD Transactions needs to be done **
```

The [Extension Solutions Errors Report](#) prints after pressing **F5=CONTINUE** on the [Activate Extension Solution Screen](#), if options are not set up and you cannot continue with the activation.

Review this report in your spool file to determine what needs to be corrected so that Extension Solution can be activated.

## Chapter 16 Rebuild Extension Solution Trigger Events

Through Extension Solution Load/Reload (MENU ESMASST), an initial load of Extension Solution BOD Data is performed, to import all existing data from Distribution A+ into the integration (e.g., RoadWarrior). After this load is performed, any new or changed information will also have to get updated in the integration. For example, if the address for a customer changes, you would want to update that in the integration immediately. This is where the event triggers play a role. So, keeping with the customer address change example, if you access Customer Master Maintenance (MENU ARMAST) and change the address, the trigger will run and a BOD will be generated automatically since it knows that the integration has to be updated as well. If a new order is entered in Enter, Change, or Ship Orders (MENU OEMAIN), for a customer, then a SalesOrder BOD will get generated automatically after the order is entered. There are many different triggers that can occur. Refer to [Extension Solution BOD Event Registration](#) (MENU ESFILE) to view the triggers, and the Infor Distribution A+ ION Integration Guide for further information on trigger events.

Once you have performed an initial load through Extension Solution Load/Reload (MENU ESMASST), you can optionally run this option, [Rebuild Extension Solution Trigger Events](#) (MENU ESMASST), to add Extension Solution event triggers to your files in Distribution A+. This ensures that the integration is kept up to date with any pertinent information in Distribution A+.

**Note:** It is not a required step to run this option, since the system already automatically adds the event triggers to all applicable files during the installation process. This option is useful to run in those instances when there might be an issue adding the triggers (for example, if any of the files were locked at the time); or, if you added your own custom trigger events for files that don't already have an event trigger, and that file needs to have the event trigger added to it. Custom trigger events can be added through [Extension Solution BOD Event Registration](#) (MENU ESFILE).

### Rebuild Extension Solution Trigger Events

Distribution A+ must be stopped prior to running this option. There are no screens and/or reports in this option, and a message does not appear upon completion of processing.

## Chapter 17 Noun Activation/Deactivation

Use [Noun Activation/Deactivation](#) (MENU ESMAS) to activate the Nouns you will be using in Extension Solution, or to deactivate those Nouns you no longer want to use.

### Noun Activation/Deactivation

The screens and/or reports in this option and a brief description are listed in the following table. A complete description of each screen/report is contained in this section.

Title	Purpose
<a href="#">Noun Activation/Deactivation Screen</a>	Used to select the Nouns you want to activate or deactivate in Extension Solution.

## Noun Activation/Deactivation Screen

Active	Noun
Y	AccountingChart
..	AdvanceShipNotice
..	BillToPartyMaster
..	BOD
..	ChartOfAccounts
..	CodeDefinition
..	ContactMaster
..	CustomerPartyMaster
..	CustomerReturn
..	FinancialCalendar
..	InventoryAdjustment
..	InventoryHold
..	Invoice
..	ItemMaster
..	Location

+

F3=Exit/No Update  
F10=Update

This screen displays after selecting option **5** - [Noun Activation/Deactivation](#) on MENU ESMAS. Use this screen to select the Nouns you want to activate or deactivate in Extension Solution.

This screen can also be accessed through [Activate Extension Solution](#) (MENU ESMAS).

**Note:** This is a roll screen. More... appears at the bottom of a roll screen to indicate that more data is available for viewing. Last appears at the bottom of the last screen of data. To scroll through information on roll screens press:

- \*PAGE DOWN or SHIFT-ROLL FWD to display the next screen
- \*PAGE UP or SHIFT-ROLL BACK to display the previous screen.

### Noun Activation/Deactivation Screen Fields and Function Keys

Field/Function Key	Description
Active	<p>Use this field to activate or deactivate the corresponding Noun in Extension Solution.</p> <p>Key <b>Y</b> to activate the Noun. Key <b>N</b> to deactivate the Noun.</p> <p>Leave the field blank to not work with the Noun at this time.</p> <p><b>Default Value:</b> Initially, upon setup, all fields are blank. Nouns that have been activated default as Y.</p> <p><b>Valid Values:</b> Y or N, or blank</p> <p>(A 1) Optional</p>

Field/Function Key	Description
Noun	This column displays the Noun of the BOD object (Business Document Name). A Noun is the type of data in the document (the business specific data that is being communicated in the BOD). You will be activating or deactivating this Noun based on your entry in the <b>Active</b> field. Display
F3=Exit	Press the <b>F3=EXIT</b> function key to return to MENU ESMAS, without updating this screen.
F10=Update	Press the <b>F10=UPDATE</b> function key to update the Distribution A+ SOA Noun Master File ( <b>SOANMSTR</b> ) and return to MENU ESMAS.

## Chapter 18 Targeted Application BOD Load/ Reload

Use [Targeted Application BOD Load/Reload](#) (MENU ESMASST) to perform an initial load or reload of Distribution A+ data when a new Infor application integration is being set up in an environment with other active integrations that do not need an initial load. Additionally, you can use this option to perform a reload of data for a specific integrated application, if needed.

The BODs sent from Distribution A+ will be picked up by ION, forwarded to the selected Infor applications, and, if accepted, will end up in the respective Infor applications databases. The Distribution A+ Integration Guides for Infor applications that Distribution A+ is integrating to, each include a complete list of the applicable BODs for the pertinent integrated application. The initial population of master data through this option must be performed before you can use the integration, and it is important that you follow these procedures in the order (sequence) in which they are presented in the Integration Guides.

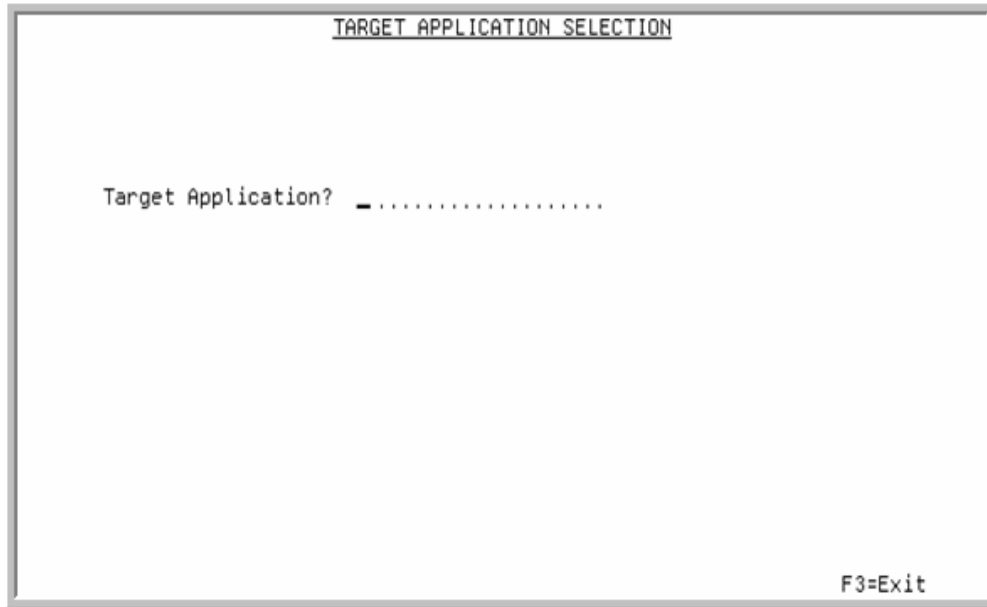
### Targeted Application BOD Load/Reload

The screens and/or reports in this option and a brief description are listed in the following table. A complete description of each screen/report is contained in this section.

Title	Purpose
<a href="#">Target Application Selection Screen</a>	Use to select a Target Application that will be a recipient of BOD data published from Distribution A+.

**Note:** The remainder of the screens that are shown are from [CHAPTER 14: Extension Solution BOD Load/Reload](#). Refer to that chapter for more information on those screens.

## Target Application Selection Screen



This screen displays after selecting option **7** - [Targeted Application BOD Load/Reload](#) on MENU ESMASST. Use this screen to select the specific application to publish or re-publish BOD data from Distribution A+.

### Target Application Selection Screen Fields and Function Keys

Field/Function Key	Description
Target Application	<p>Select the <b>Target Application</b> that Distribution A+ needs to publish or re- publish BODs for.</p> <p>You can view the available applications by keying a <b>?</b> in this field and pressing <b>ENTER</b>. The <a href="#">Integrating Application Question Mark Window</a> displays.</p> <p><b>Valid Values:</b> an <b>Application Name</b> defined through Integrating Application Maintenance (MENU ESFILE) (A 50) Required</p>
F3=Exit	Press the <b>F3=EXIT</b> function key to return to MENU ESMASST.
Enter	Press the <b>ENTER</b> key to confirm your entry. The <a href="#">Extension Solution Data Load/Reload Screen</a> displays prefaced with the selected <b>Target Application</b> .

## Chapter 19 Purge On-Ramp Service Processor

Use [Purge On-Ramp Service Processor](#) (MENU ESMASST) to purge records from the Extension Solution On-Ramp Processor files on demand, so that they do not take up excessive space on your IBM i. You can select how many days' worth of records to keep, and you can also specify limits such as the direction to purge (Inbound, Outbound, or Both), and/or the Nouns and Verbs to purge.

**Note:** [Auto Purge On-Ramp Service Processor](#) (MENU ESMASST) performs the same function as this option, but instead of running it on demand, as this option does, Auto Purge allows you to set up an automatic purge that runs on a regular basis.

### Purge On-Ramp Service Processor

The screens and/or reports in this option and a brief description are listed in the following table. A complete description of each screen/report is contained in this section.

Title	Purpose
<a href="#">On-Ramp Service Processor Purge Screen</a>	Used to select the data for which records will be purged from the Extension Solution On-Ramp Processor files on demand, so that they do not take up excessive space on your IBM i.

## On-Ramp Service Processor Purge Screen



This screen displays after selecting option **30 - [Purge On-Ramp Service Processor](#)** on MENU ESMASST. Use this screen to select the data for which records will be purged from the Extension Solution On-Ramp Processor files on demand, so that they do not take up excessive space on your IBM i. You can select how many days' worth of records to keep, and you can also specify limits such as the direction to purge (Inbound, Outbound, or Both), and/or the Nouns and Verbs to purge.

This screen is also accessed through Auto Purge On-Ramp Service Processor (MENU ESMASST), which performs the same function as this option, but instead of running the purge on demand, it allows you to set up an automatic purge that runs on a regular basis.

### On-Ramp Service Processor Purge Screen Fields and Function Keys

Field/Function Key	Description
Days to Keep	<p>Use this field to key the number of days that you want to retain records from the Extension Solution On-Ramp Processor files. The size of the Extension Solution On-Ramp Processor files is maintained by this field.</p> <p>Any records that are older than the number of days keyed here will be immediately purged from the On-Ramp Processor files.</p> <p><b>Valid Values:</b> Must be greater than zero (N 4,0) Required</p>

Field/Function Key	Description
Direction	<p>Use this field to specify the direction of On-Ramp Processor records for which the purge will occur.</p> <p>Key <b>I</b> to purge Inbound documents to Distribution A+ only.</p> <p>Key <b>O</b> to purge Outbound documents from Distribution A+ only.</p> <p>Key <b>B</b> to purge both Inbound and Outbound documents.</p> <p>(A 1) Required</p>
Verb	<p>Use this field if you would like to limit the purge of On-Ramp Processor records to one particular Verb only.</p> <p>Key a valid Verb to purge. For example, Sync.</p> <p>Leave this field blank to purge the On-Ramp Processor records for all Verbs.</p> <p><b>Valid Values:</b> Sync, Acknowledge, Process, Confirm, Get, Load, Post, Show (all case sensitive)</p> <p>(A 50) Optional</p>
Noun	<p>Use this field if you would like to limit the purge of On-Ramp Processor records to one particular Verb only.</p> <p>Key a valid Verb to purge. For example, Sync.</p> <p>Leave this field blank to purge the On-Ramp Processor records for all Verbs.</p> <p>Valid Values: Sync, Acknowledge, Process, Confirm, Get, Load, Post, Show (all case sensitive)</p> <p>(A 50) Optional</p>
F3=Exit	<p>Press the <b>F3=EXIT</b> function key to return to MENU ESMAS, without updating these options.</p>
F5=Continue	<p>Press the <b>F5=CONTINUE</b> function key to confirm the data and submit the purge. You will be returned to MENU ESMAS.</p> <p>If this screen is accessed through <a href="#">Auto Purge On-Ramp Service Processor</a> (MENU ESMAS), the Schedule Options Screen will appear. This screen is described in Appendix D of the Infor Distribution A+ Cross Applications User Guide.</p>

## Chapter 20 Auto Purge On-Ramp Service Processor

Use [Auto Purge On-Ramp Service Processor](#) (MENU ESMASST) to set up automatic purges (that run on a regular basis) for the On-Ramp Service Processor. Records will automatically be purged from the Extension Solution On-Ramp Processor files daily, weekly, monthly, etc., so that they do not take up excessive space on your IBM i. You can select the Job Name, Job Description, Frequency, Scheduled Date and Time, Days of the month to run, etc. You can also view a list of Nouns for which data should not be purged.

**Note:** [Purge On-Ramp Service Processor](#) (MENU ESMASST) performs the same function as this option, but instead of setting up an automatic purge that runs on a regular basis, as this option does, it allows you to run the purge on demand.

### Auto Purge On-Ramp Service Processor

The screens and/or reports in this option and a brief description are listed in the following table. A complete description of each screen/report is contained in this section.

Title	Purpose
<a href="#">Auto Purge On-Ramp Service Processor Screen</a>	Used to add, change, or delete a job name (the name used to describe the purge).
<a href="#">Auto Purge Noun Exceptions Screen</a>	Used to add Nouns that will not be included in the purge, or to view a list of existing Nouns that have already been defined to be excluded from the purge.
<a href="#">Auto Purge Noun Exceptions List Screen</a>	Used to view a list of Noun Exceptions already entered for this job.
<a href="#">Auto Purge Noun Exceptions Maintenance Screen</a>	Used to add the indicated Noun as a Noun Exception, so that data associated with this Noun will not be purged.
<a href="#">Auto Purge On-Ramp Service Processor Maintenance Screen</a>	Used to add, change, or delete a job.

---

Title	Purpose
<a href="#">On-Ramp Service Processor Purge Screen</a>	Described in Purge On-Ramp Service Processor (MENU ESMASST).

---

## Auto Purge On-Ramp Service Processor Screen



This screen displays after selecting option **31** - [Auto Purge On-Ramp Service Processor](#) on MENU ESMASST. Use this screen to add, change, or delete a job name (the name used to describe the purge). You will also be able to add or view Nouns for which data should not be purged.

### Auto Purge On-Ramp Service Processor Screen Fields and Function Keys

Field/Function Key	Description
Function	Use this field to select the function you are performing. Key <b>A</b> to add a job name to describe the purge. Key <b>C</b> to change an existing job name's purge. Key <b>D</b> to delete an existing job name's purge. (A 1) Required
Job Name	Use this field to enter the job name you want to add, change or delete. Key a name to describe the purge you are adding, or key an existing job name you want to maintain. (A 10) Required
F3=Exit	Press the <b>F3=EXIT</b> function key to return to MENU ESMASST.
F5=Noun Exceptions	After keying a description in the <b>Job Name</b> field, press the <b>F5=NOUN EXCEPTIONS</b> function key to add Noun(s) for which data should not be purged, or to view a list of existing Nouns that have already been defined to be excluded from the purge. The <a href="#">Auto Purge Noun Exceptions Screen</a> will appear.

---

Field/Function Key	Description
Enter	Press the <b>ENTER</b> key to confirm your entries. The <a href="#">Auto Purge On-Ramp Service Processor Maintenance Screen</a> will appear.

---

## Auto Purge Noun Exceptions Screen

AUTO PURGE NOUN EXCEPTIONS

Function:        \_ (A,C,D)

Job Name:       DAILYPURGE PURGE DAILY AT NOON

Noun Exception? .....

F3=Exit        F5=List

This screen displays after pressing **F5=NOUN EXCEPTIONS** on the [Auto Purge On-Ramp Service Processor Screen](#). Use this screen to add Nouns that will not be included in the purge, or to view a list of existing Nouns that have already been defined to be excluded from the purge. Data associated with these Nouns will not be automatically purged.

This screen is also accessed through [Auto Purge BOD Transactions](#) (MENU ESMASST).

### Auto Purge Noun Exceptions Screen Fields and Function Keys

Field/Function Key	Description
Function	Use this field to select the function you are performing. Key <b>A</b> to add a Noun Exception record. Key <b>C</b> to change an existing Noun Exception's record. Key <b>D</b> to delete an existing Noun Exception's record. (A 1) Required
Job Name	This field displays the <b>Job Name</b> you selected, for which you are adding, changing or deleting Noun Exceptions. Display

Field/Function Key	Description
Noun Exception	Use this field to identify the Noun for which data should not be automatically purged. <a href="#">Purge BOD Transactions</a> (MENU ESMAS) will be periodically completed by a user instead. Key a valid Noun. Key a ? and press <b>ENTER</b> to display the <a href="#">Noun Question Mark Window</a> . (A 50) Optional
F3=Exit	Press the <b>F3=EXIT</b> function key to return to MENU ESMAS.
F5=List	Press the <b>F5=LIST</b> function key to view a list of Noun Exceptions already entered for this job. The <a href="#">Auto Purge Noun Exceptions List Screen</a> will appear.
Enter	Press the <b>ENTER</b> key to confirm your entries. The <a href="#">Auto Purge Noun Exceptions Maintenance Screen</a> will appear.

## Auto Purge Noun Exceptions List Screen

```

AUTO PURGE NOUN EXCEPTIONS LIST

Job Name: DAILYPURGE PURGE DAILY AT NOON

Noun
1 AdvanceShipNotice

Select: _ .

Last

F12=Return
    
```

This screen displays after pressing **F5=LIST** on the [Auto Purge Noun Exceptions Screen](#). Use this screen to view a list of Noun Exceptions already entered for this job. Data associated with these Nouns will not be purged.

### Auto Purge Noun Exceptions List Screen Fields and Function Keys

Field/Function Key	Description
Job Name	This field displays the job name and description of the job you selected, for which Noun Exceptions are defined. Display
(Reference Number)	This is the reference number associated with the corresponding Noun. Use this number to select the corresponding Noun (that you want to maintain) by keying this number in the <b>Select</b> field. Display
Noun	This field identifies the Nouns for which exception records have been defined. Data associated with these Nouns will not be purged. Display
Select	Use this field to select a Noun. Key the corresponding <b>Reference Number</b> of the Noun you want to select and press <b>ENTER</b> . (N 2,0) Optional
F12=Return	Press the <b>F12=RETURN</b> function key to return to the <a href="#">Auto Purge Noun Exceptions Screen</a> , without making a selection on this screen.

---

Field/Function Key	Description
Enter	<p>After entering a value in the <b>Select</b> field, press the <b>ENTER</b> key to confirm your entry.</p> <p>If a <b>Function (A, C, D)</b> was not already keyed, you will be returned to the <a href="#">Auto Purge Noun Exceptions Screen</a> to enter the function you are performing. Otherwise, the <a href="#">Auto Purge Noun Exceptions Maintenance Screen</a> will appear.</p>

---

## Auto Purge Noun Exceptions Maintenance Screen

```

AUTO PURGE NOUN EXCEPTIONS MAINTENANCE
Change

Job Name:      DAILYPURGE PURGE DAILY AT NOON
Noun Exception: AdvanceShipNotice

F12=Return
    
```

This screen displays after pressing **ENTER** on the [Auto Purge Noun Exceptions Screen](#). Use this screen to add the indicated Noun as a Noun Exception, so that data associated with this Noun will not be purged. You will also be able to delete an existing Noun Exception record, when in the delete mode. In the change mode, fields are display only.

### Auto Purge Noun Exceptions Maintenance Screen Fields and Function Keys

Field/Function Key	Description
(Mode)	The mode you are in: <b>Add</b> displays if you are adding a Noun Exception record; <b>Change</b> displays if you are maintaining an existing Noun Exception record; <b>Delete</b> displays if you are deleting an existing Noun Exception record. Display
Job Name	This field displays the job name and description of the job you selected, for which Noun Exceptions are defined. Display
Noun Exception	This field displays the Noun Exception you selected on the <a href="#">Auto Purge Noun Exceptions Screen</a> . Display
F12=Return	Press the <b>F12=RETURN</b> function key to return to the <a href="#">Auto Purge Noun Exceptions Screen</a> , without adding or deleting the exception.

---

Field/Function Key	Description
F24=Delete	The <b>F24=DELETE</b> function key displays in delete mode only. Press the <b>F24=DELETE</b> function key to delete the Noun Exception record. You will not be prompted to confirm deletion; the record will be deleted as soon as you press <b>F24=DELETE</b> .
Enter	Press the <b>ENTER</b> key to confirm adding this Noun to the exceptions list. The <a href="#">Auto Purge Noun Exceptions Screen</a> will appear.

---

## Auto Purge On-Ramp Service Processor Maintenance Screen



This screen displays after pressing **ENTER** on the [Auto Purge On-Ramp Service Processor Screen](#). Use this screen to add, change, or delete a job.

### Auto Purge On-Ramp Service Processor Maintenance Screen Fields and Function Keys

Field/Function Key	Description
(Mode)	The mode you are in: <b>Add</b> displays if you are adding a job. <b>Change</b> displays if you are maintaining an existing job; <b>Delete</b> displays if you are deleting an existing job. Display
Job Name	This field displays the job name you selected on the <a href="#">Auto Purge On-Ramp Service Processor Screen</a> . Display
Job Description	Use this field to identify the description of the job name, if in add mode. If in change or delete mode, the previously defined job description will appear. Key the job description to identify the type of automatic purge being created. (A 30) Required
F12=Return	Press the <b>F12=RETURN</b> function key to return to the <a href="#">Auto Purge On-Ramp Service Processor Screen</a> , without updating this screen.

---

Field/Function Key	Description
F24=Delete	The <b>F24=DELETE</b> function key displays in delete mode only. Press the <b>F24=DELETE</b> function key to delete the job. You will not be prompted to confirm deletion; the job will be deleted as soon as you press <b>F24=DELETE</b> .
Enter	Press the <b>ENTER</b> key to confirm the job description and advance to the next screen. The <a href="#">On-Ramp Service Processor Purge Screen</a> will appear, as described in Purge On-Ramp Service Processor (MENU ESMASST).

---

## Chapter 21 Purge BOD Transactions

Use [Purge BOD Transactions](#) (MENU ESMASST) to purge records from the Extension Solution BOD files on demand, so that they do not take up excessive space on your IBM i. You can select how many days' worth of records to keep, and you can also specify limits such as the direction to purge (Inbound, Outbound, or Both), and/or the Nouns and Verbs to purge.

**Note:** [Auto Purge BOD Transactions](#) (MENU ESMASST) performs the same function as this option, but instead of running it on demand, as this option does, Auto Purge allows you to set up an automatic purge that runs on a regular basis.

### Purge BOD Transactions

The screens and/or reports in this option and a brief description are listed in the following table. A complete description of each screen/report is contained in this section.

Title	Purpose
<a href="#">BOD Transactions Purge Screen</a>	Used to select the data for which records will be purged from the Extension Solution BOD files on demand, so that they do not take up excessive space on your IBM i.

## BOD Transactions Purge Screen

BOD TRANSACTIONS PURGE

Days to Keep: \_ . . .

Direction: .. (I=Inbound, O=Outbound, B=Both)

Verb: .....

Noun? .....

F3=Exit      F5=Continue

This screen displays after selecting option **32 - Purge BOD Transactions** on MENU ESMAS. Use this screen to select the data for which records will be purged from the Extension Solution BOD files on demand, so that they do not take up excessive space on your IBM i. You can select how many days' worth of records to keep, and you can also specify limits such as the direction to purge (Inbound, Outbound, or Both), and/or the Nouns and Verbs to purge.

This screen is also accessed through [Auto Purge BOD Transactions](#) (MENU ESMAS), which performs the same function as this option, but instead of running the purge on demand, it allows you to set up an automatic purge that runs on a regular basis.

### BOD Transactions Purge Screen Fields and Function Keys

Field/Function Key	Description
Days to Keep	<p>Use this field to key the number of days that you want to retain records from the Extension Solution BOD files. The size of the Extension Solution BOD files is maintained by this field.</p> <p>Any records that are older than the number of days keyed here will be immediately purged from the BOD files.</p> <p>Entering a value of zero (or leaving this field blank), will purge all completed records from the Extension Solution BOD files.</p> <p>(N 4,0) Optional</p>

Field/Function Key	Description
Direction	<p>Use this field to specify the direction of BOD records for which the purge will occur.</p> <p>Key <b>I</b> to purge Inbound documents to Distribution A+ only.</p> <p>Key <b>O</b> to purge Outbound documents from Distribution A+ only.</p> <p>Key <b>B</b> to purge both Inbound and Outbound documents.</p> <p>(A 1) Required</p>
Verb	<p>Use this field if you would like to limit the purge of BOD records to one particular Verb only.</p> <p>Key a valid Verb to purge.</p> <p>Leave this field blank to purge the BOD records for all Verbs.</p> <p><b>Valid Values:</b> Acknowledge, Confirm, Get, Load, Post, Process, Show, Sync (all case sensitive)</p> <p>(A 50) Optional</p>
Noun	<p>Use this field if you would like to limit the purge of BOD records to one particular Noun only.</p> <p>Key the Noun to purge. Key a <b>?</b> and press <b>ENTER</b> to display the <a href="#">Noun Question Mark Window</a>.</p> <p>Leave this field blank to purge the On-Ramp Processor records for all Nouns.</p> <p>(A 50) Optional</p>
F3=Exit	<p>Press the <b>F3=EXIT</b> function key to return to MENU ESMASST.</p>
F5=Continue	<p>Press the <b>F5=CONTINUE</b> function key to confirm the data and submit the purge. You will be returned to MENU ESMASST.</p> <p>If this screen is accessed through <a href="#">Auto Purge BOD Transactions</a> (MENU ESMASST), the Schedule Options Screen will appear. This screen is described in an appendix of the Infor Distribution A+ Cross Applications User Guide.</p>

## Chapter 22 Auto Purge BOD Transactions

Use [Auto Purge BOD Transactions](#) (MENU ESMASST) to set up automatic purges (that run on a regular basis) for the Extension Solution BOD files. Records will automatically be purged from the Extension Solution BOD files daily, weekly, monthly, etc., so that they do not take up excessive space on your IBM i. You can select the Job Name, Job Description, Frequency, Scheduled Date and Time, Days of the month to run, etc. You can also view a list of Nouns for which data should not be purged.

**Note:** [Purge BOD Transactions](#) (MENU ESMASST) performs the same function as this option, but instead of setting up an automatic purge that runs on a regular basis, as this option does, it allows you to run the purge on demand.

### Auto Purge BOD Transactions

The screens and/or reports in this option and a brief description are listed in the following table. A complete description of each screen/report is contained in this section.

Title	Purpose
<a href="#">Auto Purge BOD Transactions Screen</a>	Used to add, change, or delete a job name (the name used to describe the purge).
<a href="#">Auto Purge Noun Exceptions Screen</a>	Described in Auto Purge On-Ramp Service Processor (MENU ESMASST).
<a href="#">Auto Purge Noun Exceptions List Screen</a>	Described in Auto Purge On-Ramp Service Processor (MENU ESMASST).
<a href="#">Auto Purge Noun Exceptions Maintenance Screen</a>	Described in Auto Purge On-Ramp Service Processor (MENU ESMASST).
<a href="#">Auto Purge BOD Transactions Maintenance Screen</a>	Used to add, change, or delete a job.

## Auto Purge BOD Transactions Screen

```

AUTO PURGE BOD TRANSACTIONS

Function:      -      (A,C,D)
Job Name?     .....

F3=Exit      F5=Noun Exceptions
    
```

This screen displays after selecting option **33** - [Auto Purge BOD Transactions](#) on MENU ESMASST. Use this screen to add, change, or delete a job name (the name used to describe the purge). You will also be able to add or view Nouns for which data should not be purged.

### Auto Purge BOD Transactions Screen Fields and Function Keys

Field/Function Key	Description
Function	Use this field to select the function you are performing. Key <b>A</b> to add a job name to describe the purge. Key <b>C</b> to change an existing job name's purge. Key <b>D</b> to delete an existing job name's purge. (A 1) Required
Job Name	Use this field to enter the job name you want to add, change or delete. Key a name to describe the purge you are adding, or key an existing job name you want to maintain. For example, key DAILYPURGE. Note that keying a ? in this field displays previously defined job names you can maintain. (A 10) Required
F3=Exit	Press the <b>F3=EXIT</b> function key to return to MENU ESMASST.

---

Field/Function Key	Description
F5=Noun Exceptions	After keying a description in the <b>Job Name</b> field, press the <b>F5=NOUN EXCEPTIONS</b> function key to add Noun(s) for which data should not be purged, or to view a list of existing Nouns that have already been defined to be excluded from the purge. The <a href="#">Auto Purge Noun Exceptions Screen</a> will appear, as described in <a href="#">Auto Purge On-Ramp Service Processor</a> (MENU ESMASST).
Enter	Press the <b>ENTER</b> key to confirm your entries. <a href="#">The Auto Purge BOD Transactions Maintenance Screen</a> will appear.

---

## Auto Purge BOD Transactions Maintenance Screen

```

AUTO PURGE BOD TRANSACTIONS MAINTENANCE Add
Job Name:  DAILYPURGE
Job Description:  - .....
F12=Return
    
```

This screen displays after pressing **ENTER** on the [Auto Purge BOD Transactions Screen](#). Use this screen to add, change, or delete a job.

### Auto Purge BOD Transactions Maintenance Screen Fields and Function Keys

Field/Function Key	Description
(Mode)	The mode you are in: <b>Add</b> displays if you are adding a job. <b>Change</b> displays if you are maintaining an existing job; <b>Delete</b> displays if you are deleting an existing job. Display
Job Name	This field displays the job name you selected on the <a href="#">Auto Purge BOD Transactions Screen</a> . Display
Job Description	Use this field to identify the description of the job name, if in add mode. If in change or delete mode, the previously defined job description will appear. Key the job description to identify the type of automatic purge being created. (A 30) Required
F12=Return	Press the <b>F12=RETURN</b> function key to return to the <a href="#">Auto Purge BOD Transactions Screen</a> , without updating these options.

---

Field/Function Key	Description
F24=Delete	The <b>F24=DELETE</b> function key displays in delete mode only. Press the <b>F24=DELETE</b> function key to delete the job name. You will not be prompted to confirm deletion; the job will be deleted as soon as you press <b>F24=DELETE</b> .
Enter	Press the <b>ENTER</b> key to confirm the job description and advance to the next screen. The <a href="#">BOD Transactions Purge Screen</a> will appear, as described in <a href="#">Purge BOD Transactions</a> (MENU ESMASST).

---

## Chapter 23 SOA Document Information File Purge

Use SOA Document Information File Purge to remove stranded SOA Document Information File (**SOADINF**) records that do not have a corresponding Noun instance. Using a specifically selected Noun, this program will perform the purge of stranded records.

Using the mapping program logic to determine the source, the Noun instance existence will be reviewed because the Noun could be represented by more than one Distribution A+ entity.

### SOA Document Information File Purge

The screens and/or reports in this option and a brief description are listed in the following table. A complete description of each screen/report is contained in this section.

Title	Purpose
<a href="#">SOA Document Information File Purge Screen</a>	Used to select a Noun to be used for clearing related stranded data records.

## SOA Document Information File Purge Screen

The screenshot shows a terminal window with the title "SOA DOCUMENT INFORMATION FILE PURGE". Inside the window, the text "Noun? \_ ....." is displayed, indicating a prompt for a noun. At the bottom of the window, there are two function key prompts: "F3=Exit" on the left and "F10=Purge" on the right.

This screen displays after selecting option **34** - [SOA Document Information File Purge](#) on MENU ESMASST. Use this screen to select the specific Noun that will be reviewed and purged from Distribution A+.

### SOA Document Information File Purge Screen Fields and Function Keys

Field/Function Key	Description
Noun	Select the <b>Noun</b> (Document Name) that Distribution A+ needs to purge stranded SOA Document Information. You can view the available Nouns by keying a <b>?</b> in this field and pressing <b>ENTER</b> . The <a href="#">Noun Question Mark Window</a> displays. <b>Valid Values:</b> Valid nouns are provided with Extension Solution. Noun values are all case sensitive.
F3=Exit	Press the <b>F3=EXIT</b> key to return to MENU ESMASST without purging data.
F10=Purge	Press the <b>F10=PURGE</b> key to complete the purge process for the selected Noun. MENU ESMASST will be displayed when the job is complete.
Enter	Press the <b>ENTER</b> key to validate your selection. Use the function keys to perform the next task.

## Chapter 24 Extension Solution Data Refresh

Use [Extension Solution Data Refresh](#) (MENU ESMASST) to perform tasks related to an ION integration when copying file library environments to refresh/replace an existing environment and the BOD data needs to be refreshed or the integration to ION will not be used in the new environment. It is important to understand that these tasks are to protect the integrity of the BOD data for both the original and the new refreshed/replaced environment.

To properly complete these tasks, the user will log in to the new refreshed/replaced environment so that it is the current environment. This program will verify that the current environment's Extension Solution System Options **Logical ID** field and the Extension Solution Startup Options **Gateway Client Startup Path** field are non-blank and are unique; and will provide options so the user may choose from the following:

- For a new environment where the ION Integration will not be used, the user will choose to discontinue the use of Extension Solution, and all Extension Solution Options and BOD data for the new environment will be cleared.
- For an environment where the use of Extension Solution will be continued but a refresh of BOD data is necessary for a clean start, the BOD data for the new environment will be cleared.
- For an environment where the use of Extension Solution will be continued but the BOD data will not be refreshed, a warning message will be displayed to remind the user about necessary conditions for safe BOD processing.

The user will be guided through the process based on the choices that are made. Selections made by the user will be recorded in a log file and saved on the IBM i IFS path /APLUS/ESLOGS.

Extension Solution Data Refresh updates are only performed in Distribution A+. All other outside tasks described are the responsibility of the user.

**Note:** Distribution A+ must be stopped to complete this step. Go to MENU XAMASST and select the option to Stop A+ before selecting this menu option.

**Important:** Refer to the Infor Distribution A+ Configuration Guide for Infor ION and the Configuring Distribution A+ chapter for more information on the Commerce Gateway tasks that are required for data integrity.

## Extension Solution Data Refresh

The screens and/or reports in this option and a brief description are listed in the following table. A complete description of each screen/report is contained in this section.

Title	Purpose
<a href="#">Extension Solution Data Refresh Screen</a>	Use to select a Target Application that will have it's BOD data from Distribution A+ published.
<a href="#">Extension Solution Data Refresh Remove Confirmation Screen</a>	Use to determine if Extension Solution will be used in the current environment.
<a href="#">Extension Solution Data Refresh Clear Options Screen</a>	Use to determine if BOD data will be cleared in the current environment.
<a href="#">Extension Solution Data Refresh Clear Confirmation Screen</a>	Use to confirm that Extension Solution will be cleared in the current environment.
<a href="#">Extension Solution Data Refresh Clear Warning Screen</a>	Use to confirm and warn the user that Extension Solution will be not cleared in the current environment.

## Extension Solution Data Refresh Screen



This screen displays after selecting option **35** - [Extension Solution Data Refresh](#) on MENU ESMASST. Use this screen to choose if Extension Solution will continue to be used in the current environment of Distribution A+. The current environment is the environment selected when you logged on to Distribution A+.

### Extension Solution Data Refresh Screen Fields and Function Keys

Field/Function Key	Description
Current Base ID	The Base ID selected by the user when they log on. Based on the Register A+ User IDs (MENU XACFIG) <b>Allow Multi-Base</b> field, users without access to multiple bases will not select a Base ID, but will be automatically be logged on to the <b>Default Base</b> selected for them. Display
Current Environment ID	The Environment ID selected by the user when they log on. Based on the Register A+ User IDs (MENU XACFIG) <b>Allow Multi-Environments</b> field, users without access to multiple environments will not select an Environment ID, but will be automatically be logged on to the <b>Default Environment</b> selected for them. Display

Field/Function Key	Description
Logical ID	<p>The unique identifier value of Distribution A+ in a specific environment as defined for this environment in Extension Solution System Options Maintenance (MENU ESFILE).</p> <p><b>Note:</b> When continuing to use Extension Solution after this data refresh, this field will be edited to ensure that it is not blank. If it is blank, go to the <a href="#">Extension Solution System Options Maintenance Screen</a> and complete the <b>Logical ID</b> field.</p> <p>Display</p>
Gateway Client startup path	<p>The URL path to the IBM i IFS/Root directory where Distribution A+ BOD transactions from this environment will be placed for Commerce Gateway to pick them up and process them to Infor ION as defined through <a href="#">Extension Solution Startup Options</a> (MENU ESFILE).</p> <p>Display</p>
Continue Using Extension Solution in Current Environment	<p>Key <b>Y</b> to continue using Extension Solution in this current environment. The following edits will be performed when F10=CONTINUE is pressed. The edits being performed must be corrected before you will be allowed to continue.</p> <ul style="list-style-type: none"> <li>Do the Extension Solution System Options exist in the current environment? If so, is the <b>Logical ID</b> field unique across all other file environments that exist for the current Base ID? Use Extension Solution Options Maintenance (MENU ESFILE) to correct errors with system options.</li> <li>Do the Extension Solution Startup Options exist in the current environment? If so, when the <b>Start Gateway Client</b> field is set to <b>Y</b>, the <b>Gateway Client startup path</b> field cannot be blank. Use Extension Solution Startup Options (MENU ESFILE) to correct errors with startup options.</li> </ul> <p>Key <b>N</b> to no longer use Extension Solution in this current environment. The program path will provide the steps to remove Extension Solution in this environment.</p> <p><b>Default Value:</b> blank (A 1) Required</p>
F3=Exit	Press the <b>F3=EXIT</b> function key to return to MENU ESMAS.

Field/Function Key	Description
F10=Continue	<p>Press the <b>F10=CONTINUE</b> function key to accept the values on the screen and continue to the next logical step.</p> <p>If you keyed <b>N</b> to <b>Continue Using Extension Solution in Current Environment</b> prompt, the <a href="#">Extension Solution Data Refresh Remove Confirmation Screen</a> displays.</p> <p>If you keyed <b>Y</b> to <b>Continue Using Extension Solution in Current Environment</b> prompt and all the data checks have passed the edits, the <a href="#">Extension Solution Data Refresh Clear Options Screen</a> displays.</p>
Enter	<p>Press the <b>ENTER</b> key to edit the data on the screen. Press <b>F3=EXIT</b> to exit to the menu or <b>F10=CONTINUE</b> for the next step.</p>

## Extension Solution Data Refresh Remove Confirmation Screen

```

EXTENSION SOLUTION DATA REFRESH REMOVE CONFIRMATION

Current Base ID:      10
Current Environment ID: D5

Continue Using Extension Solution in Current Environment:  N

Extension Solution Options and BOD Data will be cleared
from the Current Environment.

Press F10=Update to Confirm

F10=Update                      F12=Return

```

This screen displays if you choose to no longer use Extension Solution in the current Base ID and Environment ID on the [Extension Solution Data Refresh Screen](#). Use this screen to confirm the choice to not use the Extension Solution module for this current environment and allow the program to clear the Extension Solution set up and BOD data from the Distribution A+ files.

**Note:** The On-Ramp Processor must be stopped to complete this step. Go to the [On-Ramp Service Processor Inquiry](#) (MENU ESMAN) and press the **F13=STOP TP** function key to stop the On-Ramp Processor in a normal fashion.

### Extension Solution Data Refresh Remove Confirmation Screen Fields and Function Keys

Field/Function Key	Description
Current Base ID	The Base ID selected by the user when they log on. Based on the Register A+ User IDs (MENU XACFIG) <b>Allow Multi-Base</b> field, users without access to multiple bases will not select a Base ID, but will be automatically be logged on to the <b>Default Base</b> selected for them.

Field/Function Key	Description
Current Environment ID	<p>The Environment ID selected by the user when they log on. Based on the Register A+ User IDs (MENU XACFIG) <b>Allow Multi-Environments</b> field, users without access to multiple environments will not select an Environment ID, but will be automatically be logged on to the <b>Default Environment</b> selected for them.</p> <p>Display</p>
Continue Using Extension Solution in Current Environment	<p>The <b>N</b> selection made by the user displays for confirmation.</p> <p>Display</p>
F10=Update	<p>Press the <b>F10=UPDATE</b> function key to clear the Extension Solution set up and BOD data from the Distribution A+ files.</p> <p>A message screen displays during the process:  <b>Extension Solution Options and BOD Data are being cleared from the Current Environment. Please wait...</b></p> <p>When finished, MENU ESMASST will display.</p>
F12=Return	<p>Press the <b>F12=RETURN</b> key to not continue but to return to the <a href="#">Extension Solution Data Refresh Screen</a>.</p>

## Extension Solution Data Refresh Clear Options Screen

```

EXTENSION SOLUTION DATA REFRESH CLEAR OPTIONS

Current Base ID:      10
Current Environment ID: D5

Continue Using Extension Solution in Current Environment:  Y

Clear Extension Solution BOD Data in Current Environment:  _ (Y/N)

If Data was copied from another environment:
Using Extension Solution in the Copy From Environment:  .. (Y/N)

F10=Continue                      F12=Return

```

This screen displays if you choose to continue using Extension Solution in the current Base ID and Environment ID on the [Extension Solution Data Refresh Screen](#). Use this screen to determine if the BOD data will be kept in the current environment, or if it will be cleared.

**Note:** The On-Ramp Processor must be stopped to complete this step. Go to the [On-Ramp Service Processor Inquiry](#) (MENU ESMAN) and press the **F13=STOP TP** function key to stop the On-Ramp Processor in a normal fashion.

**Note:** Since you will continue to use Extension Solution after this data refresh completes, edits are performed to verify that the existing system and company options are correctly defined. Messages will be issued to the user for missing or invalid critical data fields. That data must be corrected before you can continue processing.

### Extension Solution Data Refresh Clear Options Screen Fields and Function Keys

Field/Function Key	Description
Current Base ID	The Base ID selected by the user when they log on. Based on the Register A+ User IDs (MENU XACFIG) <b>Allow Multi-Base</b> field, users without access to multiple bases will not select a Base ID, but will be automatically be logged on to the <b>Default Base</b> selected for them. Display

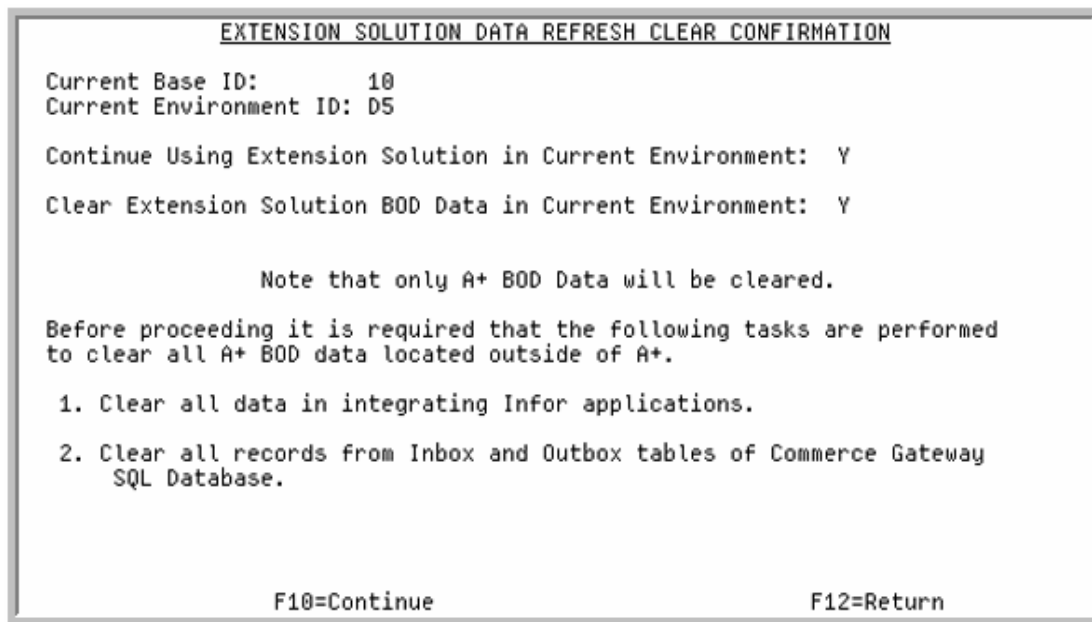
Field/Function Key	Description
Current Environment ID	<p>The Environment ID selected by the user when they log on. Based on the Register A+ User IDs (MENU XACFIG) <b>Allow Multi-Environments</b> field, users without access to multiple environments will not select an Environment ID, but will be automatically be logged on to the <b>Default Environment</b> selected for them.</p> <p>Display</p>
Continue Using Extension Solution in Current Environment	<p>The <b>Y</b> selection made by the user displays for confirmation.</p> <p>Display</p>
Clear Extension Solution BOD Data in Current Environment	<p>This field determines if the Extension Solution BOD data will be cleared in the current environment.</p> <p>Key <b>Y</b> to clear the Extension Solution BOD data in this current environment.</p> <p>Key <b>N</b> to not clear the Extension Solution BOD data in this current environment.</p> <p><b>Default Value:</b> blank</p> <p>(A 1) Required</p>
If Data was copied from another environment: Using Extension Solution in the Copy From Environment	<p>This field determines if you are still using Extension Solution in the environment that was used to copy the refresh/replace environment from.</p> <p>Leave this field blank if the current environment was not copied from another environment. The <a href="#">Extension Solution Data Refresh Clear Warning Screen</a> displays.</p> <p>Key <b>Y</b> if you are continuing to use Extension Solution in the original environment.</p> <p>Key <b>N</b> if you are no longer using Extension Solution in the original environment.</p> <p><b>Default Value:</b> blank</p> <p><b>Valid Values:</b> Y, N, blank</p> <ul style="list-style-type: none"> <li>When <b>Clear Extension Solution BOD Data in Current Environment</b> is set to <b>N</b>, the <b>Using Extension Solution in the Copy From Environment</b> must be <b>Y</b>.</li> </ul> <p>(A 1) Required</p>

---

Field/Function Key	Description
F10=Continue	<p>Press the <b>F10=CONTINUE</b> function key to continue with the update process.</p> <p>If the <b>If Data was copied from another environment: Using Extension Solution in the Copy From Environment</b> is <b>blank</b> and the <b>Clear Extension Solution BOD Data in Current Environment</b> is <b>Y</b>, the <a href="#">Extension Solution Data Refresh Clear Confirmation Screen</a> displays.</p> <p>If the <b>If Data was copied from another environment: Using Extension Solution in the Copy From Environment</b> is <b>blank</b> and the <b>Clear Extension Solution BOD Data in Current Environment</b> is <b>N</b>, the <a href="#">Extension Solution Data Refresh Clear Confirmation Screen</a> displays.</p> <p>If the <b>If Data was copied from another environment: Using Extension Solution in the Copy From Environment</b> is <b>N</b> and the <b>Clear Extension Solution BOD Data in Current Environment</b> is <b>Y</b>, the <a href="#">Extension Solution Data Refresh Clear Warning Screen</a> displays.</p>
F12=Return	<p>Press the <b>F12=RETURN</b> key to not continue but to return to the <a href="#">Extension Solution Data Refresh Screen</a>.</p>

---

## Extension Solution Data Refresh Clear Confirmation Screen



This screen displays when the user selects to clear all the Extension Solution BOD Data in the current environment. Use this screen to confirm all the selections made and run the program to clear the BOD data from the Distribution A+ files.

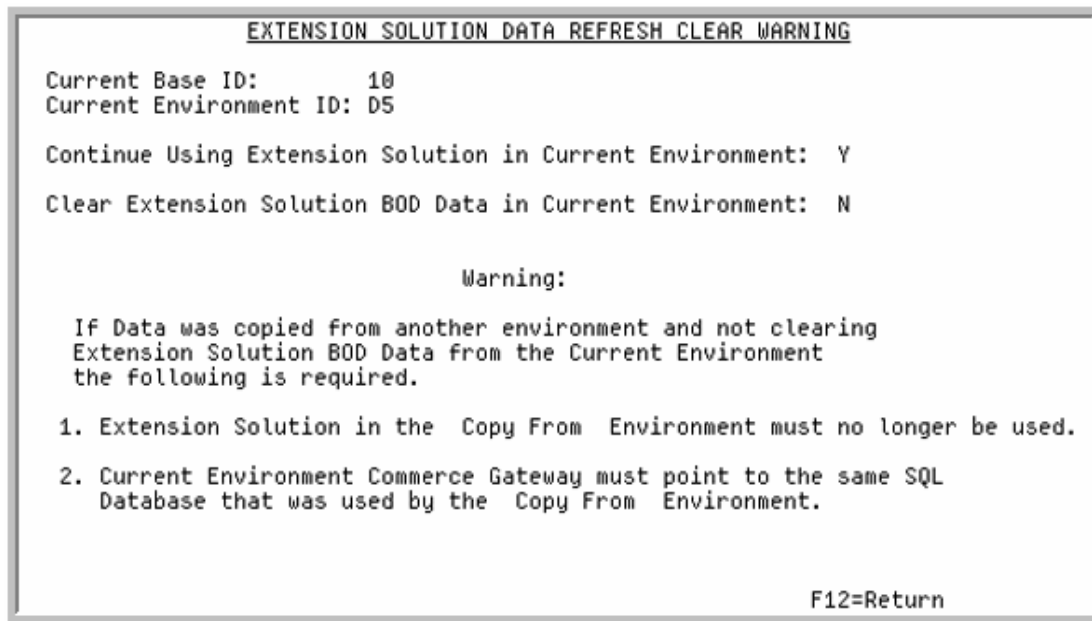
**Note:** Refer to the Infor Distribution A+ Configuration Guide for Infor ION and the Configuring Distribution A+ chapter for more information on the Commerce Gateway tasks that are required for data integrity.

### Extension Solution Data Refresh Clear Confirmation Screen Fields and Function Keys

Field/Function Key	Description
Current Base ID	The Base ID selected by the user when they log on. Based on the Register A+ User IDs (MENU XACFIG) <b>Allow Multi-Base</b> field, users without access to multiple bases will not select a Base ID, but will be automatically be logged on to the <b>Default Base</b> selected for them. Display
Current Environment ID	The Environment ID selected by the user when they log on. Based on the Register A+ User IDs (MENU XACFIG) <b>Allow Multi-Environments</b> field, users without access to multiple environments will not select an Environment ID, but will be automatically be logged on to the <b>Default Environment</b> selected for them. Display

Field/Function Key	Description
Continue Using Extension Solution in Current Environment	The <b>Y</b> selection made by the user displays for confirmation. Display
Clear Extension Solution BOD Data in Current Environment	The <b>Y</b> selection made by the user displays for confirmation. Display
F10=Continue	Press the <b>F10=UPDATE</b> function key to clear the Extension Solution BOD data from the Distribution A+ files. A message screen displays during the process: <b>Extension Solution BOD Data is being cleared from the Current Environment. Please wait....</b> When finished, MENU ESMASST will display.
F12=Return	Press the <b>F12=RETURN</b> key to not continue but to return to the <a href="#">Extension Solution Data Refresh Clear Options Screen</a> .

## Extension Solution Data Refresh Clear Warning Screen



This warning screen displays when the user selects to continue using Extension Solution in the current environment, but not to clear the BOD data in the current environment. Use this screen to confirm all the selections made and run the program to clear the BOD data from the Distribution A+ files.

**Note:** Refer to the Infor Distribution A+ Configuration Guide for Infor ION and the Configuring Distribution A+ chapter for more information on the Commerce Gateway tasks that are required for data integrity.

### Extension Solution Data Refresh Clear Warning Screen Fields and Function Keys

Field/Function Key	Description
Current Base ID	The Base ID selected by the user when they log on. Based on the Register A+ User IDs (MENU XACFIG) <b>Allow Multi-Base</b> field, users without access to multiple bases will not select a Base ID, but will be automatically be logged on to the <b>Default Base</b> selected for them. Display
Current Environment ID	The Environment ID selected by the user when they log on. Based on the Register A+ User IDs (MENU XACFIG) <b>Allow Multi-Environments</b> field, users without access to multiple environments will not select an Environment ID, but will be automatically be logged on to the <b>Default Environment</b> selected for them. Display

---

Field/Function Key	Description
Continue Using Extension Solution in Current Environment	The <b>Y</b> selection made by the user displays for confirmation. Display
Clear Extension Solution BOD Data in Current Environment	The <b>Y</b> selection made by the user displays for confirmation. Display
F12=Return	Press the <b>F12=RETURN</b> key to return to the <a href="#">Extension Solution Data Refresh Clear Options Screen</a> to modify the options selected.
Enter	Press the <b>ENTER</b> key to not perform any data fresh. MENU ESMAS is displayed.

---

## Chapter 25 Clear Pending BOD Data

Use [Clear Pending BOD Data](#) (MENU ESMASST) to clean up pending BOD data that may have been mistakenly submitted for processing. Pending inbound data, outbound data, or both inbound and outbound data in the Distribution A+ files can be cleared.

The user will be guided through the process based on the choices that are made. Selections made by the user will be recorded in a log file and saved on the IBM i IFS path /APLUS/ESLOGS.

**Note:** The On-Ramp Processor must be stopped to complete this step. Go to the On-Ramp Service Processor Inquiry (MENU ESMASIN) and press the **F13=STOP TP** function key to stop the On-Ramp Processor in a normal fashion.

Other clean up tasks outside of Distribution A+ are the responsibility of the user.

**Important:** Refer to the Infor Distribution A+ Configuration Guide for Infor ION and the Configuring Distribution A+ chapter for more information on the Commerce Gateway tasks that are required.

### Clear Pending BOD Data

The screens and/or reports in this option and a brief description are listed in the following table. A complete description of each screen/report is contained in this section.

Title	Purpose
<a href="#">Clear Pending Extension Solution Jobs Screen</a>	Use to select all or a single job to have pending jobs cleared before being published.
<a href="#">Clear Pending Extension Solution Jobs Direction Screen</a>	Use to select the direction of data to be cleared.
<a href="#">Clear Pending Inbound Extension Solution Jobs Screen</a>	Use to confirm the selection of Inbound or both Inbound/Outbound pending data to be cleared.
<a href="#">Clear Pending Outbound Extension Solution Jobs Screen</a>	Use to confirm the selection of Outbound pending data to be cleared.

## Clear Pending Extension Solution Jobs Screen

```

CLEAR PENDING EXTENSION SOLUTION JOBS

Current Base ID:      10
Current Environment ID: 05

Clear Type:  ..  A = All Jobs
              S = Selective Jobs

On-Ramp Service Processor must be stopped before clearing pending jobs

F3=Exit              F10=Continue
  
```

This screen displays after selecting option **36** - [Clear Pending BOD Data](#) on MENU ESMASST. Use this screen to select the which type of job pending jobs processing to complete in Distribution A+.

### Clear Pending Extension Solution Jobs Screen Fields and Function Keys

Field/Function Key	Description
Current Base ID	The Base ID selected by the user when they log on. Based on the Register A+ User IDs (MENU XACFIG) <b>Allow Multi-Base</b> field, users without access to multiple bases will not select a Base ID, but will be automatically be logged on to the <b>Default Base</b> selected for them. Display
Current Environment ID	The Environment ID selected by the user when they log on. Based on the Register A+ User IDs (MENU XACFIG) <b>Allow Multi-Environments</b> field, users without access to multiple environments will not select an Environment ID, but will be automatically be logged on to the <b>Default Environment</b> selected for them. Display

Field/Function Key	Description
Clear Type	<p>Select the type of clear processing for Distribution A+ files that you will complete.</p> <p>Key <b>A</b> to select all pending Extension Solution BOD transactions.</p> <p>Key <b>S</b> to select specific pending Extension Solution BOD transactions.</p> <p><b>Valid Values:</b> A, S</p> <p>(A 1) Required</p>
F3=Exit	Press the <b>F3=EXIT</b> function key to return to MENU ESMAS.
F10=Continue	<p>Press the <b>F10=CONTINUE</b> function key to accept the values on the screen and continue to the next logical step.</p> <p>If you keyed <b>A</b> for all jobs, the <a href="#">Clear Pending Extension Solution Jobs Direction Screen</a> displays.</p> <p>If you keyed <b>S</b> to select specific jobs to purge, the <a href="#">On-Ramp Service Processor Jobs Screen</a> displays. From that screen, you may select a specific job and remove it with the <b>F24=REMOVE JOB</b> key on the <a href="#">On-Ramp Service Processor Job Detail Screen</a>.</p>
Enter	Press the <b>ENTER</b> key to validate your entries. Press <b>F10=CONTINUE</b> to continue with the next step or press <b>F3=EXIT</b> to exit to MENU ESMAS.

## Clear Pending Extension Solution Jobs Direction Screen

```

CLEAR PENDING EXTENSION SOLUTION JOBS DIRECTION

Current Base ID:      10
Current Environment ID: 05

Clear Type:  A  A = All Jobs

Direction:  -  0 = Outbound
              I = Inbound
              B = Both

F12=Return          F10=Continue
  
```

This screen displays after selecting to clear all jobs on the [Clear Pending Extension Solution Jobs Screen](#). Use this screen to select the directional BOD type of jobs to clear.

### Clear Pending Extension Solution Jobs Direction Screen Fields and Function Keys

Field/Function Key	Description
Current Base ID	The Base ID selected by the user when they log on. Based on the Register A+ User IDs (MENU XACFIG) <b>Allow Multi-Base</b> field, users without access to multiple bases will not select a Base ID, but will be automatically be logged on to the <b>Default Base</b> selected for them. Display
Current Environment ID	The Environment ID selected by the user when they log on. Based on the Register A+ User IDs (MENU XACFIG) <b>Allow Multi-Environments</b> field, users without access to multiple environments will not select an Environment ID, but will be automatically be logged on to the <b>Default Environment</b> selected for them. Display
Clear Type	The selection of type <b>A</b> for all jobs displays for confirmation. Display

Field/Function Key	Description
Direction	<p>Select the processing direction of the transactional BOD data to be cleared.</p> <p>Key <b>O</b> to clear all pending Outbound Extension Solution BOD transactions.</p> <p>Key <b>I</b> to clear all pending Inbound Extension Solution BOD transactions.</p> <p>Key <b>B</b> to clear all pending Inbound and Outbound Extension Solution BOD transactions.</p> <p><b>Valid Values:</b> O, I, B</p> <p>(A 1) Required</p>
F10=Continue	<p>Press the <b>F10=CONTINUE</b> function key to accept the values on the screen and continue to the next logical step.</p> <p>If you keyed <b>O</b> for outbound jobs, the <a href="#">Clear Pending Outbound Extension Solution Jobs Screen</a> displays.</p> <p>If you keyed <b>I</b> or <b>B</b> for inbound or both inbound and outbound jobs, the <a href="#">Clear Pending Inbound Extension Solution Jobs Screen</a> displays.</p>
F12=Return	<p>Press the <b>F12=RETURN</b> key to return to <a href="#">Clear Pending Extension Solution Jobs Screen</a>.</p>
Enter	<p>Press the <b>ENTER</b> key to validate your entries. Press <b>F10=CONTINUE</b> to continue with the next step or press <b>F12=RETURN</b> to exit to <a href="#">Clear Pending Extension Solution Jobs Screen</a>.</p>

## Clear Pending Inbound Extension Solution Jobs Screen

```

CLEAR PENDING INBOUND AND OUTBOUND EXTENSION SOLUTION JOBS

Current Base ID:      10
Current Environment ID: D5

                Clear Type:  A  A = All Jobs
                Direction:  B  B = Both

Note that pending data will be cleared in A+ only.

Before proceeding you must perform the following tasks outside A+.

    1. Clear pending outbound BODs in Integrating Infor applications.
    2. Clear pending records in inbox table of Commerce Gateway SQL Database.

After pending data is cleared in A+ perform the following tasks outside A+.

    1. Clear pending records in outbox table of Commerce Gateway SQL Database.
    2. Clear pending inbound BODs in Integrating Infor applications.

                F12=Return                F10=Update
  
```

This screen displays after selecting Inbound or both Inbound and Outbound job types on the [Clear Pending Extension Solution Jobs Direction Screen](#).

When the selected direction is Inbound, the title of this screen is **Clear Pending Inbound Extension Solution Jobs**. When the selected direction is Both inbound and outbound, the title of this screen is **Clear Pending Inbound and Outbound Extension Solution Jobs** and includes 3 additional lines of informational text.

Use this screen to confirm that the additional requirements for this process are complete and clear the pending BOD transactional data from Distribution A+ files.

### Clear Pending Inbound Extension Solution Jobs Screen Fields and Function Keys

Field/Function Key	Description
Current Base ID	The Base ID selected by the user when they log on. Based on the Register A+ User IDs (MENU XACFIG) <b>Allow Multi-Base</b> field, users without access to multiple bases will not select a Base ID, but will be automatically be logged on to the <b>Default Base</b> selected for them. Display
Current Environment ID	The Environment ID selected by the user when they log on. Based on the Register A+ User IDs (MENU XACFIG) <b>Allow Multi-Environments</b> field, users without access to multiple environments will not select an Environment ID, but will be automatically be logged on to the <b>Default Environment</b> selected for them. Display

Field/Function Key	Description
Clear Type	The selection of type <b>A</b> for all jobs displays for confirmation. Display
Direction	The selection of <b>I</b> for all pending Inbound Extension Solution BOD transactions or <b>B</b> for all pending Inbound and Outbound Extension Solution BOD transactions. <b>Valid Values:</b> O, I, B (A 1) Required
F10=Continue	Press the <b>F10=CONTINUE</b> function key to accept the values on the screen. The <a href="#">Clear Pending Outbound Extension Solution Jobs Screen</a> displays.
F12=Return	Press the <b>F12=RETURN</b> key to return to <a href="#">Clear Pending Extension Solution Jobs Direction Screen</a> .
Enter	Press the <b>ENTER</b> key to confirm your entry. The <a href="#">Extension Solution Data Load/Reload Screen</a> displays prefaced with the selected <b>Target Application</b> .



## Clear Pending BOD Data

---

Field/Function Key	Description
Direction	The selection of <b>O</b> for all pending Outbound Extension Solution BOD transactions. Display
F10=Continue	Press the <b>F10=CONTINUE</b> function key to clear the pending BOD transactional data from Distribution A+ files.
F12=Return	Press the <b>F12=RETURN</b> key to <a href="#">Clear Pending Inbound Extension Solution Jobs Screen</a> .
Enter	Press the <b>ENTER</b> key to confirm your entry. The <a href="#">Extension Solution Data Load/Reload Screen</a> displays prefaced with the selected <b>Target Application</b> .

## Appendix A Question Mark Windows for Nouns and Codes

### Noun Question Mark Window

Noun question mark fields appear throughout the product on various screens and are indicated by a question mark (?) at the end of the field instead of a colon (:). These fields have a built-in look-up or search capability to help you find the correct entry.

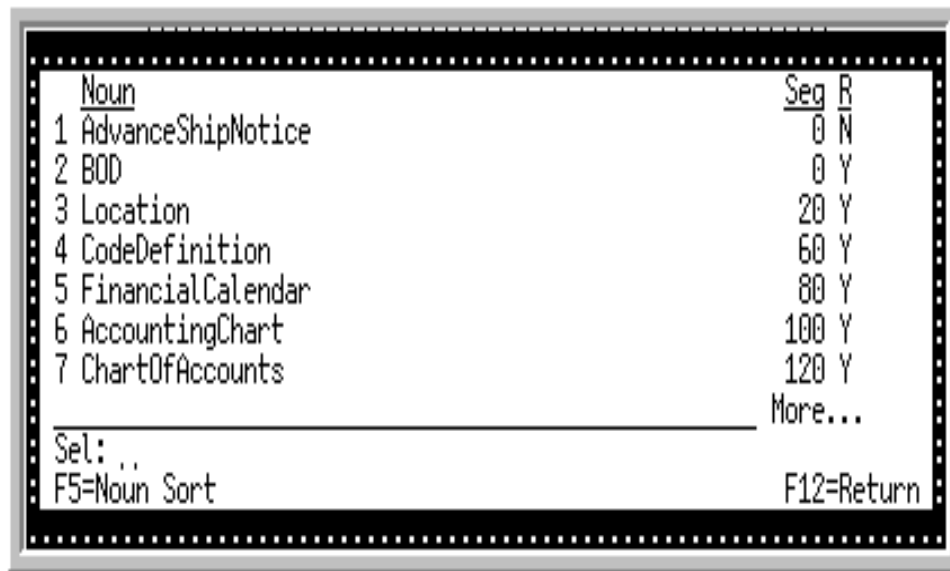
The question mark fields are “valid value” lookup fields. This means when you key a ? in the **Noun** field and press **ENTER**, you will see a list of previously defined valid values for the field. For some fields, this list will appear in a pop-up window, for others it will appear on a new screen. The pop-up window or separate new screen will list all of the valid values for the field, with a description of each value. There will be a selection number to the left of each value in the list.

### Code Question Mark Window

Use this field to key or select the code for which you are loading data (publishing **CodeDefinition** Noun BODs) from Distribution A+.

If you key a ? in this field and press **ENTER**, the available codes will display. The code you select will determine the data to be loaded. For example, if you select **CURRENCIES**, information from Currency/ Exchange Codes (MENU ICFILE) will be loaded into the Integration.

## Noun Question Mark Window



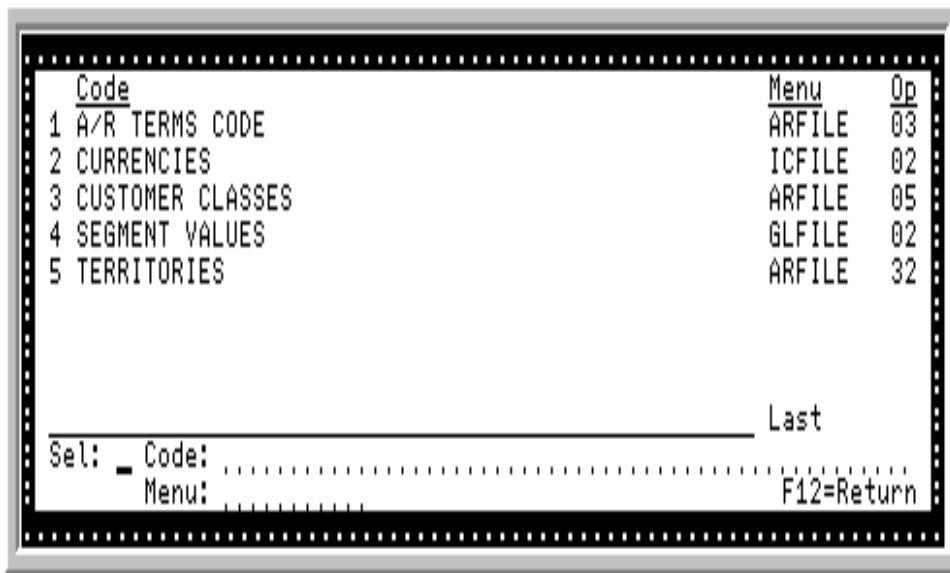
This is the pop-up window that appears after you key a question mark (?) in the **Noun** field and press **ENTER**. From this pop-up window, as soon as you key a number or letter in the **Sel** field, you will be returned to the screen where you keyed the ?, and the field there will be filled in with the value you selected.

### Noun Question Mark Window

Field/Function Keys	Description
(Reference Number)	The reference number of the lookup value displayed on this screen. When rolling forward or backward, the reference numbers do not change. Use these numbers to reference a specific value for selection in the <b>Sel</b> field. Display
Noun	The list of valid values for the question-mark lookup field selected. For example, if you keyed a ? in the <b>Company Number</b> field, this column will display all the defined companies. Display

Field/Function Keys	Description
Seq	<p>The sequence in which you should load data for each Noun, is shown in the <b>Seq</b> field. If you do not follow the recommended sequence, and select a Noun out of sequence, you will receive an error message stating that the Noun cannot be done yet. This indicates load sequence conflicts (other Nouns should be generated before this Noun can be done). Double check the load sequence of this Noun. Press <b>F5=BYPASS NOUN ORDER CHECK</b> only if you want to proceed. Refer to the ION Integration Guide of Infor application(s) that Distribution A+ is integrating to for additional sequence information.</p> <p>Display</p>
R	<p>Some question-mark lookup fields may provide an additional information field to assist in choosing the correct value. For example, the unit of measure question mark pop-up will display <b>Stock</b> as the column heading and the <b>Y</b> or <b>N</b> indicates this is a stocking unit of measure.</p> <p>Display</p>
Sel	<p>Key the <b>Reference Number</b> for the value you want to select in the Sel field.</p> <p>As soon as you key a number in the <b>Sel</b> field, you will be returned to the screen where you keyed the <b>?</b>, and the field will be filled in with the value you selected.</p> <p>(N 1,0) Optional</p>
F5=Noun Sort / F5=Sequence Sort	<p>Press the <b>F5=NOUN SORT</b> / <b>F5=SEQUENCE SORT</b> function key to change the sequence of the data displayed on the window.</p> <p>Press <b>F5=NOUN SORT</b> to display the nouns in alphabetic order. Press <b>F5=SEQUENCE SORT</b> to display the nouns based on the sequence number shown in the <b>Seq</b> field.</p>
F12=Return	<p>Press the <b>F12=RETURN</b> function key to return to the previous screen without selecting an entry.</p>

## Code Question Mark Window



This is the pop-up window that appears after you key a question mark (?) in the **Code** field and press **ENTER**. From this pop-up window, as soon as you key a number or letter in the **Sel** field, you will be returned to the screen where you keyed the ?, and the field there will be filled in with the value you selected.

### Code Question Mark Window

Field/Function Keys	Description
(Reference Number)	The reference number of the lookup value displayed on this screen. When rolling forward or backward, the reference numbers do not change. Use these numbers to reference a specific value for selection in the <b>Sel</b> field. Display
Code	The list of valid <b>Code</b> values available based on the <b>Noun</b> selected on the previous screen. Display
Menu	The menu name where the codes are defined in Distribution A+. Display
Opt	Identified which option number on the specific menu name where the codes are defined in Distribution A+. Display

Field/Function Keys	Description
Code	<p>Use to reposition the list of valid values to the <b>Code</b> entered.</p> <p>Key part or all of the <b>Code</b> value and press <b>ENTER</b>. The first Code in the list that begins with the characters you entered will appear at the top of the list.</p> <p>(A 50) Optional</p>
Menu	<p>Use to filter the list of valid values to the <b>Menu</b> entered.</p> <p>Key the menu name (i.e. ARFILE) and press <b>ENTER</b>. The list is filtered to only display Codes that will be loaded from that menu.</p> <p>(A 50) Optional</p>
Sel	<p>Key the <b>Reference Number</b> for the value you want to select in the Sel field.</p> <p>As soon as you key a number in the <b>Sel</b> field, you will be returned to the screen where you keyed the <b>?</b>, and the field will be filled in with the value you selected.</p> <p>(N 1,0) Optional</p>
F12=Return	<p>Press the <b>F12=RETURN</b> function key to return to the previous screen without selecting an entry.</p>

## Appendix B International Organization for Standardization (ISO)

### International Organization for Standardization

ISO (International Organization for Standardization) is the world's largest developer of voluntary International Standards. International Standards give state of the art specifications for products, services and good practice, helping to make industry more efficient and effective. Developed through global consensus, they help to break down barriers to international trade.

ISO International Standards ensure that products and services are safe, reliable and of good quality. For business, they are strategic tools that reduce costs by minimizing waste and errors and increasing productivity. They help companies to access new markets, level the playing field for developing countries and facilitate free and fair global trade.

For more detailed information, refer to [www.iso.org](http://www.iso.org).

The installation and software update ISO images have sample country code, currency code, and unit of measure code pre-filled files that you can use to load your standard values. Refer to the Infor Distribution A+ Installation and Software Update Guide or the Infor Distribution A+ ION Integration Guide for more information.

### Suggested Standards for Common Values

#### Country Codes ISO 3166

Code	Country
CA	Canada
GB	Great Britain
MX	Mexico
US	United States

## Currency Codes ISO 4217

Code	Currency
CAD	Canadian Dollar
GBP	Great Britain Pound
MXN	Mexican Peso
USD	United States Dollar
EUR	Euro

## Language Codes ISO 639

Code	Language
EN	English
ES	Spanish
FR	French

## Unit of Measure Codes ISO 639

Code	Currency
16	115 Kilogram Drum: A cylindrical container whose contents weigh 115 kilograms when full
17	100 Pound Drum: A cylindrical container whose contents weigh 100 pounds when full
18	55 Gallon Drum: A cylindrical container whose volume is equal to 55 gallons
20	20 Foot Container: A sea-land rectangular container box whose capacity is defined by its longest dimension and by which product shipments are measured and billed
21	40 Foot Container: A sea-land rectangular container box whose capacity is defined by its longest dimension and by which product shipments are measured and billed
2W	Bin: Storage container used as a unit of measurement
2Y	Milliroentgen: Unit of radiation
35	35Milliliters per Square Centimeter Second: Represents porosity of a sheet of material
36	Cubic Feet per Minute per Square Foot: Represents porosity of a sheet of material
37	Ounces per Square Foot: Represents sheet weight

Code	Currency
38	Ounces per Square Foot per 0.01 Inch: Represents sheet density
3B	Megajoule: Unit of energy or heat
40	Milliliter per Second: Represents rate of absorbency
41	Milliliter per Minute: Represents rate of absorbency
43	Super Bulk Bag: A cloth, plastic, or paper-based bag having the dimensions of the pallet on which it is constructed and varying in height according to the weight and density of product contained; typically transports dry, loose materials in bulk form
44	500 Kilogram Bulk Bag: A flexible container for bulk goods whose contents weigh 500 kilograms when full
45	300 Kilogram Bulk Bag: A flexible container for bulk goods whose contents weigh 300 kilograms when full
46	25 Kilogram Bulk Bag: A flexible container for bulk goods whose contents weigh 25 kilograms when full
47	50 Pound Bag: A flexible container whose contents weigh 50 pounds when full
48	Bulk Car Load: A fully loaded rail car containing dry bulk loose materials
4E	20-Pack: Pack containing 20 units
4F	100-Pack: Pack containing 100 units
4G	Microliter: 1/1,000,000 liter
4H	Micrometer: 1/1,000,000 meter
4M	Milligrams Per Hour: Unit of flow
4N	Megabecquerel: Unit of radiation
4S	Pascal: Unit of pressure
4U	Pounds Per Hour: Rate of flow
4V	Cubic Meter Per Hour: Rate of flow
4W	Ton Per Hour: Rate of flow
4X	Kiloliter Per Hour: Rate of flow
50	Actual Kilograms
58	Net Kilograms
59	Parts Per Million
5B	Batch: The quantity of material produced at one operation

Code	Currency
5I	Standard Cubic Foot: One cubic foot of gas measured at a fixed temperature and pressure; the value used for the temperature and pressure varies depending on the type of gas being measured
60	Percent Weight
61	Parts Per Billion
AB	Bulk Pack
AF	Centigram: A unit of metric weight equal to 0.01 gram or 0.000035 ounce
AQ	Anti-hemophilic Factor (AHF) Units: Intravenous administering of blood products that have been tested for potency against the U.S. medical unit of measure
AR	Suppository
AU	Ocular Insert System: A drug delivery system which is placed in the lower conjunctival fornix from which the drug diffuses through a membrane at a constant rate over a seven-day period
AV	Capsule: A compact metallic or plastic container for liquids or solids
AW	Powder-Filled Vials: Standard unit of intravenous blood product that has to be reconstituted with a liquid before being administered
AZ	British Thermal Units (BTUs) per Pound
B0	British Thermal Units (BTUs) per Cubic Foot
B7	Cycles
BA	Bale
BC	Bucket
BD	Bundle
BG	Bag
BJ	Band
BK	Book
BN	Bulk
BO	Bottle
BU	Bushel 32 dry quarts
BW	Base Weight
BX	Box
BY	British Thermal Unit (BTU)

Code	Currency
BZ	Million BTUs
C1	Composite Product Pounds (Total Weight)
C3	Centiliter
C4	Carload
C6	Cell
C8	Cubic Decimeter
CA	Case
CB	Carboy
CC	Cubic Centimeter
CD	Carat
CE	Centigrade, Celsius
CF	Cubic Feet
CG	Card
CH	Container
CI	Cubic Inches
CJ	Cone
CK	Connector
CL	Cylinder
CM	Centimeter
CN	Can
CO	Cubic Meters (Net)
CP	Crate
CQ	Cartridge
CR	Cubic Meter
CS	Cassette
CT	Carton
CU	Cup
CV	Cover
CW	Hundred Pounds (CWT)
CX	Coil

Code	Currency
CY	Cubic Yard
D3	Square Decimeter: Metric unit of area
D5	Kilogram Per Square Centimeter: nit of pressure
D9	Dyne per Square Centimeter
DA	Days
DB	Dry Pounds
DC	Disk (Disc)
DD	Degree
DE	Deal
DF	Dram
DG	Decigram
DI	Dispenser
DJ	Decagram
DK	Kilometers
DL	Deciliter
DM	Decimeter
DO	Dollars, U.S.
DP	Dozen Pair
DR	Drum
DT	Dry Ton
DZ	Dozen
E3	Inches, Fraction—Average
E4	Inches, Fraction—Minimum
E5	Inches, Fraction—Actual
E7	Inches, Decimal—Average
E8	Inches, Decimal—Actual
E9	English, (Feet, Inches)
EA	Each
EC	Each per Month
ED	Inches, Decimal—Nominal

Code	Currency
EF	Inches, Fraction-Nominal
EG	Double-time Hours
EM	Inches, Decimal-Minimum
EP	Eleven pack
EV	Envelope
EX	Feet, Inches and Fraction
EY	Feet, Inches and Decimal
EZ	Feet and Decimal
F1	Thousand Cubic Feet Per Day: The unit of measure of the rate of production of a gas
F2	International Unit: A unit accepted by an international agency; potency of a drug/vitamin based on a specific weight of that drug/vitamin
F4	Minim: An apothecary's fluid measure; 60 minims = 1 fluid gram (approx. 5 cc)
F5	MOL: Gram-molecular weight of a gas
F9	Fibers per Cubic Centimeter of Air
FA	Fahrenheit
FB	Fields
FC	1000 Cubic Feet
FD	Million Particles per Cubic Foot
FF	Hundred Cubic Meters: A unit of metric volume equal to 131.0 cubic yards
FH	Micromolar: One millionth of a mole; a mole is a standard chemical unit
FJ	Sizing Factor
FK	Fibers
FL	Flake Ton
FM	Million Cubic Feet
FO	Fluid Ounce
FP	Pounds per Sq. Ft.
FT	Foot
FZ	Fluid Ounce (Imperial): A liquid unit of measure equal to 1/20 (.05) pint (Imperial), 28.416 cubic centimeters, or 28.416 milliliters
G2	U.S. Gallons Per Minute: Rate of flow
G3	Imperial Gallons Per Minute: Rate of flow

Code	Currency
G4	Gigabecquerel: Unit of radiation equal to 27 millicuries
GA	Gallon
GB	Gallons/Day
GC	Grams per 100 Grams
GD	Gross Barrels
GE	Pounds per Gallon
GF	Grams per 100 Centimeters
GG	Great Gross (Dozen Gross)
GH	Half Gallon
GI	Imperial Gallons
GJ	Grams per Milliliter
GK	Grams per Kilogram
GL	Grams per Liter
GM	Grams per Sq. Meter
GN	Gross Gallons
GO	Milligrams per Square Meter
GP	Milligrams per Cubic Meter
GQ	Micrograms per Cubic Meter
GR	Gram
GS	Gross
GT	Gross Kilogram: Represents kilograms of product and package or container
GU	Gauss per Oersteds
GW	Gallons Per Thousand Cubic Feet
GX	Grain: A small unit of weight equal to 1/480 (.002083) troy ounce, or 0.0648 gram
GY	Gross Yard
GZ	Gage Systems
H2	Half Liter: Unit of capacity equal to 1/2 liter
H4	Hectoliter: Metric measure for 100 liters
HB	Hundred Boxes
HC	Hundred Count

Code	Currency
HD	Half Dozen
HE	Hundredth of a Carat
HF	Hundred Feet
HG	Hectogram
HH	Hundred Cubic Feet
HI	Hundred Sheets
HK	Hundred Kilograms
HL	Hundred Feet – Linear
HN	Millimeters of Mercury
HO	Hundred Troy Ounces
HP	Millimeter H2O: Unit of pressure
HR	Hours
HS	Hundred Square Feet
HT	Half Hour
HU	Hundred
HV	Hundred Weight (Short)
HW	Hundred Weight (Long)
HY	Hundred Yards
IA	Inch Pound: Unit of torque
IH	Inhaler: Metered-dose pressurized method of getting medication into the lungs or nasal passages
IM	Impressions
IN	Inch
J2	Joule Per Kilogram: Measure of specific energy
JE	Joule Per Kelvin: Measure of heat capacity
JG	Joule per Gram: Joule is unit of energy and gram is unit of mass
JK	Mega Joule per Kilogram: Mega" means "millions" and "kilo" means "thousands"
JM	Megajoule/Cubic Meter: A megajoule is one million joules; conventional measurements for expressing the heating value available in a given volume of gas
JO	Joint
JR	Jar

Code	Currency
KG	Kilogram
KR	Kiloroentgen: Measure of radiation, a unit equal to 1,000 roentgens
KS	1000 Pounds per Square Inch
KW	Kilograms per Millimeter
KX	Milliliters per Kilogram
L2	Liters Per Minute: Measure of the rate of flow
LA	Pounds Per Cubic Inch
LB	Pound
LC	Linear Centimeter
LF	Linear Foot
LI	Linear Inch
LM	Linear Meter
LP	Liquid Pounds
LQ	Liters Per Day: Measure of liquid flow over a given time period
LR	Layer(s)
LS	Lump Sum
LT	Liter
LX	Linear Yards Per Pound
LY	Linear Yard
M1	Milligrams per Liter
M2	Millimeter-Actual
M5	Microcurie
M6	Millibar
M7	Micro Inch
M8	Mega Pascals
M9	Million British Thermal Units per One Thousand Cubic Feet: Represents conversion from a volume of gas to the heat value of the gas
MB	Millimeter-Nominal
MC	Microgram
MD	Air Dry Metric Ton

Code	Currency
ME	Milligram
MF	Milligram per Sq. Ft. per Side
MG	Metric Gross Ton
MH	Microns (Micrometers): 1/1,000,000 meter
MI	Metric
MJ	Minutes
MK	Milligrams Per Square Inch
ML	Milliliter
MM	Millimeter
MN	Metric Net Ton
MO	Months
MP	Metric Ton
MQ	1000 Meters
MR	Meter
MS	Square Millimeter
MT	Metric Long Ton
MU	Millicurie
MW	Metric Ton Kilograms
MX	Mixed
MY	Millimeter-Average
NA	Milligrams per Kilogram
NB	Barge
NC	Car
ND	Net Barrels
NE	Net Liters
NG	Net Gallons
NI	Net Imperial Gallons
NX	Parts Per Thousand
NY	Pounds Per Air-Dry Metric Ton: A measure of chemical addition rate during manufacture and product constituent analysis

Code	Currency
ON	Ounces per Square Yard
OP	Two pack
P1	Percent
P2	Pounds per Foot
PC	Piece
PD	Pad
PE	Pounds Equivalent
PF	Pallet (Lift)
PG	Pounds Gross
PM	Pounds-Percentage
PN	Pounds Net
PO	Pounds per Inch of Length
PP	Plate
PR	Pair
PS	Pounds per Sq. Inch
PT	Pint
PU	Mass Pounds
PW	Pounds per Inch of Width
PX	Pint, Imperial
PY	Peck, Dry U.S.
PZ	Peck, Dry Imperial
Q2	Pint U.S. Dry: Volume equal to 33.6003125 cubic inches
QR	Quire
QS	Quart, Dry U.S.
QT	Quart
QU	Quart, Imperial
R9	Thousand Cubic Meters
RA	Rack
RB	Radian
RC	Rod (area) - 16.25 Square Yards

Code	Currency
RD	Rod (length) - 5.5 Yards
RE	Reel
RK	Roll-Metric Measure
RL	Roll
RM	Ream
RN	Ream-Metric Measure
RO	Round
RP	Pounds per Ream
S5	Sixty-fourths of an Inch
SC	Square Centimeter
SD	Solid Pounds
SF	Square Foot
SG	Segment
SH	Sheet
SI	Square Inch
SJ	Sack
SL	Sleeve
SM	Square Meter
SN	Square Rod
SO	Spool
SP	Shelf Package
SR	Strip
SS	Sheet-Metric Measure
ST	Set
SV	Skid
SX	Shipment
SY	Square Yard
SZ	Syringe: Glass or plastic barrels used to administer fluid medication under the skin, into a vein artery, or into a muscle
T1	Thousand pounds gross

Code	Currency
T2	Thousandths of an Inch
T3	Thousand Pieces
T4	Thousand Bags
T5	Thousand Casings
T6	Thousand Gallons
T7	Thousand Impressions
T8	Thousand Linear Inches
T9	Thousand Kilowatt Hours
TA	Tenth Cubic Foot
TB	Tube
TC	Truckload
TD	Therms
TE	Tote
TF	Ten Square Yards
TG	Gross Ton
TH	Thousand
TI	Thousand Square Inches
TJ	Thousand Sq. Centimeters
TK	Tank
TL	Thousand Feet (Linear)
TM	Thousand Feet (Board)
TN	Net Ton (2,000 LB).
TO	Troy Ounce
TP	Ten-pack
TQ	Thousand Feet
TR	Ten Square Feet
TS	Thousand Square Feet
TT	Thousand Linear Meters
TU	Thousand Linear Yards
TV	Thousand Kilograms

Code	Currency
TW	Thousand Sheets
TX	Troy Pound
TY	Tray
TZ	Thousand Cubic Feet
U1	Treatments
U2	Tablet: A compressed or molded block of solid material; a collection of sheet paper glued together at one edge
U3	Ten: 10 each of an item of supply
U5	Two Hundred Fifty: 250 each of an item of supply
UH	Ten Thousand Yards
UL	Unitless: Unit of Measure for properties or test results without units of measure
UM	Million Units: Measure used to indicate large quantities in multiples of one million
UN	Unit
UP	Troche: A flat, round, tablet made of a medicinal substance
US	Dosage Form
UT	Inhalation
UU	Lozenge
UV	Percent Topical Only: A measure of medication intended only for external use
UW	Milliequivalent
UX	Dram (Minim)
UY	Fifty Square Feet
UZ	Fifty Count
VC	Five Hundred: 500 each of an item of supply
VI	Vial
VP	Percent Volume
VS	Visit: A quantitative measure of the number of visits to a provider by the patient
WD	Work Days
WP	Pennyweight
WR	Wrap
X2	Bunch: A measure used to identify a group of like items grown or fastened together

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Code	Currency
X4	Drop: The smallest quantity of liquid heavy enough to form a spherical mass
Y2	Tablespoon: measure equal to three teaspoons or a half fluid ounce
Y3	Teaspoon: A measure equal to five milliliters or one third tablespoon
Y4	Tub
YD	Yard
YL	100 Lineal Yards
YT	Ten Yards
Z3	Cask

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## Glossary

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Action	The BOD action to the database once the BOD is taken into the database (what will occur for the data in the BOD). For example, Add, Change, Delete, Replace, etc.
Admin User	The Distribution A+ user that will be responsible for reviewing and resolving errors related to the posting of an Inbound BOD.
Accounting Entity ID	In BOD-enabled applications, the Accounting Entity is a corporation or a subset of a corporation that is independent in regard to one or more operational functions or accounting functions. An Accounting Entity is an entity which produces a profit and loss and balance sheet from a complete, balanced set of transactions, and is often a legal entity. An Accounting Entity in Distribution A+ is defined as a company.
Batch ID	The identifier of the Batch associated with a BOD Document.
BOD	The BOD is an abbreviation for Business Object Document. BODs are the business messages or business documents that are exchanged between software applications or components. BOD consists of a Verb and Noun. For example, if the BOD is <b>ProcessCustomerPartyMaster</b> , the Verb is <b>Process</b> , and the Noun is <b>CustomerPartyMaster</b> .
BOD ID	A 40-character unique BOD identification number including alpha, numeric and special characters which are the embedded fields related to the BOD that generated it.

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BOD Status	<p>The status of the BOD:</p> <ul style="list-style-type: none"> <li>• New (New BOD)</li> <li>• On-Ramp Crt (Submitted to On-Ramp for Group Creation)</li> <li>• OnRamp Pst (Submitted to On-Ramp for Group Posting)</li> <li>• OnRamp (Submitted to On-Ramp for Group Editing)</li> <li>• Grp Created (Posting Group Created)</li> <li>• In Use (In-Use)</li> <li>• Grp Edited (Posting Group Edit Successful)</li> <li>• Edit Err (Posting Group Edit Errors)</li> <li>• Pst TP Sbmted (Posting Group Post Submitted)</li> <li>• Grp Posted (Posting Group Posted)</li> <li>• Post Err (Posting Group Posting Errors)</li> <li>• Overriden (Overridden by later version of BOD ID)</li> <li>• Do not Pst (Do not Post)</li> <li>• Mrk Resolv (Marked Resolved)</li> <li>• Batch Wait (This BOD is part of a Batch, waiting for other BODs from the same Batch)</li> </ul>
Code Cross Reference	A Cross-reference between on-standard Distribution A+ Codes and standard ISO codes.
Component ID	The component ID represents the function that the business application that issued the BOD is representing.
Delimiter	The Delimiter is used when assembling a Document ID of a Noun in cases when it has to combine more than one value that is part of unique document identification in Distribution A+. For example, if Delimiter is “_” then for a customer 100 in company 01, a Document ID in Sync CustomerMaster BOD will be 01_100.
Document ID	The Document ID contains varying information, depending on the BOD’s Noun. It is usually comprised of key information that makes the document unique in both the Distribution A+ and the interconnected systems. For example, CustomerParterMaster has Company Number and Customer Number; ItemMaster has Item Number; SalesOrder has Company Number, Order Number, Order Generation, etc.
Event ID	Event ID is a system generated unique ID assigned to a business event that triggers BOD generation.
InBox ID	The 30-character identifier of this BOD in the ERP Inbox.
ISO	An ISO is a set of standards by the International Organization for Standardization. For example, the standard language code for English is <b>En- US</b> .
Location	In BOD-enabled applications, the location is a single geographical site of an organization that is associated with data or transaction. Items are being shipped to or from a specific location. In Distribution A+ location is defined as a warehouse.

Logical ID	In BOD-enabled applications, the logical ID is a number or name that uniquely identifies an instance of the core product or component. In Distribution A+, the Logical ID is defined as <b>infor.aplus.xxxxx</b> , where infor is a tenant, aplus is the application type (Distribution A+), and <b>xxxxx</b> must be a unique name that no other Infor application instance that Distribution A+ is integrating to is using. For example, Logical ID can be defined as <b>infor.aplus.local</b> . This ID must match the Logical ID specified in the ION Routing Model.
Message ID	The unique ID of the message that can be used to locate a BOD Document.
Natural Account Segment	Used to identify the segment of the Distribution A+ G/L account number that will be used as the Natural Account. Refer to the Infor Distribution A+ General Ledger User Guide for information on defining G/L Account Numbers and identifying account segments.
Noun	Nouns identify the document name of the business specific data that is being communicated in the BOD (for example, ItemMaster, SalesOrder, etc.).The valid nouns are loaded during the installation process.
On-Ramp Service Processor	An IBM i subsystem that handles publishing of outbound BODs and processing of inbound BODs.
SOR	System of Record
Standards Agency	Currently, the International Organization for Standardization (ISO) is being used as the standards agency.
System Environment Code	The status of the environment, possibly test or production.
Tenant ID	In BOD-enabled applications, the tenant is the top-level container for the accounting entities and locations. The tenant is required for each BOD. The value in this field must be the same across all applications that work together. No data is ever shared or accessible between two tenants, and this is useful in environments where more than one customer is sharing an enterprise software deployment, such as hosting.
User Space Library	An IBM i library that will be used by Commerce Gateway to create User Space Type Objects (a temporary storage of Inbound BOD Data, where it will be located and processed by the On-Ramp Service Processor).
Verb	The Verb defines the action to be taken with the Noun. For example, Sync, Acknowledge, Process, Confirm, Get, Load, Post, and Show.

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