Infor LN Specific Installation Guide - Updates

Release 10.7.x

Contents

About this guide

This document describes the update procedure of an existing LN environment with a newer version of:

• Enterprise Server, known as tools.
• LN, known as applications.

This document also applies to Infor Baan 5.2 environments already running on Porting Set 8 or later.

Intended audience

This document is intended for LN database administrators, application and system administrators.

To understand this document, it is advised to have knowledge of how LN is structured with:

• Package VRCs.
• Package combinations.
• Derived-from structure.

Related documents

You can find the documents in the product documentation section of the Infor Support Portal, as described in "Contacting Infor".

• *Infor LN - Installation Guide*.
• *Infor LN - Enterprise Modeler Content Pack User Guide*.
• *Infor Enterprise Server - Administration Guide*.
• *Infor Enterprise Server Release Notes*

Contacting Infor

If you have questions about Infor products, go to Infor Concierge at https://concierge.infor.com/ and create a support incident.

The latest documentation is available from docs.infor.com or from the Infor Support Portal. To access documentation on the Infor Support Portal, select **Search > Browse Documentation**. We recommend that you check this portal periodically for updated documentation.

If you have comments about Infor documentation, contact documentation@infor.com.

Chapter 1: Introduction

Before you install any update, ensure to back up your Infor LN environment.

For information about installing a new Infor LN environment, see *Infor LN - Installation Guide.*

Single-byte and Multibyte environments

As of Infor LN 10.7 an update of a non Unicode environment is no longer supported. The environment must be converted into a new Unicode standard.

For more information see the *Infor Enterprise Server Unicode Migration Guide.*

Chapter 2: Pre-installation tasks

The prerequisites to update to Enterprise Server.

DUE steps for EDI, Central Invoicing, Project package and EBS

To avoid data corruption, you must complete this procedure for Business Document Exchange (EDI), (Central) invoicing package (cisli), Project package (tpppc) and Electronic Bank Statement (EBS). If you are not using these modules, you can ignore this procedure.

Before installing LN 10.2 or later, data must be processed on your LN FP7, FP6, or any older Feature Pack of LN you are currently running.

The steps are required to process data according the pre-LN 10.2 or later format.

Business Document Exchange (EDI)

A migration that includes an EDI setup requires some extra consideration.

For a new LN version/feature pack, the EDI document definitions (EDI conversion setups) can be changed. This was the case for LN 10.5.x, because of changes in the cisli module. New conversion setups were made available for the EDI invoice message.

The static EDI tables can be converted without any issues. The dynamic tables, especially the conversion definitions, must be treated with extra care. These definitions define the content and structure of an EDI message.

Download the definitions for their supported LN version with the available documentation from: http://edi.infor.com/

Invoicing (cisli)

With LN 10.2 or later, the Invoicing package is restructured to allow for better handling of Invoices. This specifically counts for the way Invoice data is calculated, posted to the General Ledger, and for archiving/deleting of invoicing data. The introduction of a new Invoicing 360 session required an improved data model.

As a consequence, the data in the 'existing' invoicing tables require conversion. These conversions will apply to the different statuses of the Invoice (Lines);

- Invoice Lines that still must be composed (for example; `On Hold`, `Canceled` and `Confirmed`): do not change these lines. The lines will be processed by the Data Upgrade Engine (DUE).
- Invoice Lines that have status `Composed/Printed/Posted`: see further in this section for the comments on Invoice level.
- Invoice Lines/Invoices that have status `Composed`: these are decomposed. The Billing Request remains and contains the same Invoice Lines. The Billing Request must be `Composed/Printed/Posted` again in LN 10.2 (or later version) against the new logic and data model.
- Invoice Lines/Invoices that have status `Printed`: These must be processed till no Invoice Lines/Invoices remain with status `Printed`! This is described later.
- Invoice Lines/Invoices that have status `Posted`: These are processed by the Data Upgrade Engine (DUE) and do not require further manual processing before the installation and upgrade of LN 10.2 (or later versions). As this data becomes redundant, a Post Upgrade session can remove the data, see [Infor LN Post-DUE steps](#) on page 33.

Processing Invoices with status Printed

Note: This section is only valid during an upgrade of LN version 10.2.1 - FP7 and earlier- to LN version 10.2.1 or later.

Before LN is installed, ensure that no invoices have the status `Printed`.

1 Start session **Post Invoices (cisli3200m000)** and run this with wide open range.
2 Click **Post**, a **Processing** dialog box is displayed.
3 When finished, a message is displayed with the number of Billing Request(s) that are posted. There can be an error report (or even multiple reports) showing errors for a variety of reasons. Check the error reports and solve the errors.
4 Run the **Post Invoices (cisli3200m000)** session again.
5 When the process has finished, start session cisli2505m100. Ensure you are in the correct company.

   In the **Status** column, filter for `Printed`. You must see an empty grid. Ensure this applies to all companies that are part of the Data Upgrade to the newest Feature Pack. In case there are no invoices shown, you can proceed to the next step.
6 Start session **Billing Requests (cisli2100m000)**. Ensure you are in the correct company.
7 In the **Status** column, filter for `Printed`. After the filter is applied, there must be no more Billing Requests with the status `Printed` visible.

If there are still records with the status `Printed`, solve the issue that is causing this status and check again. Ensure there are no Invoices or Billing Requests with the status `Printed` in any of the companies that are part of the Data Upgrade.

Note: If the sessions cisli2505m100 and cisli2100m000 in any company number show records with the status `Printed`, serious data corruption can be caused during the LN installation. This process cannot be reverted nor converted.

8   After the check, you are ready to start the upgrade for the range of companies that are processed.

Project (tpppc)

As part of the Aerospace & Defense developments, the Project Cost and Revenue Ledger processes are restructured to allow for a better integration with other packages and ease of use. As a consequence, the well-known 5 Cost Type tables (Material/Labor/Equipment/Subcontracting/Sundry) are merged into one. The manual step to process these Costs into the General Ledger and Project Cost History is automated. After a transaction is approved and sent to Project for storage in the Project Cost Ledger, it is automatically processed to the General Ledger and Project Cost History. Manual Costs must still be approved and processed manually to the General Ledger and Project Cost History.

The revenues that arrive from Invoicing are also automatically posted to General Ledger and Project Revenue History. Revenues that are specified manually in the Revenues session must still be manually approved and processed to the General Ledger and Project Revenue History.

To prepare for the Data Upgrade and the new processes in LN 10.2 (or later version). You must process all costs and revenues that are not posted to General Ledger and not yet available in Project Cost/Revenue History.

1   Start session **Global Approving (tpppc4200m000)**. Ensure that all Projects are in range and that on the second tab all categories are selected. Click **Approve**

2   Start session **Process Transactions (tpppc4802m000)** and ensure all Projects are in range and that on the second tab all categories are selected. Click **Process**.

3   Repeat this process for all companies that are in use and require Data Upgrade. This can be verified by starting session **Costs (tpppc2811m000)** and conclude that there are no more Costs visible for Cost Types Material/Labor/Equipment/Subcontracting/Sundry.

The same must be verified for the Revenues by starting the**Revenues (tpppc3501m000)** session; no Revenue records must be visible.

When this is finished, the Project package is ready to be upgraded through the Data Upgrade Engine.

Note: If the sessions, tpppc2511m000/tpppc2531m000/ tpppc2551m000/tpppc2571m000/tpppc2591m000/tpppc3501m000, show Cost/Revenue records during the LN 10.2 (or later versions) installation. You will create serious data corruption of not processed Costs/Revenues. This data corruption cannot be reverted or converted anymore.

Electronic Bank Statements

The Electronic Bank Statement (EBS) functionality is restructured completely.

This specifically counts for the way the data is stored and handled. The new EBS tables replace the old EBS tables.

As a consequence, the data in the 'existing' EBS tables must be converted.

The matching and handling of the posting data is now different. You cannot convert the old EBS if the status is beyond *Converted*. All EBS that have status *Converted* is converted in the new EBS tables using the DUE logic provided.

Before conversion, the existing EBS must be posted to Finance (the last step) when the "old" status is:

- Matching in process.

  This status is not allowed. It means that the match process was interrupted by for example a fatal error.

- Partially matched.

  In the tfcmg5503m000 session, select **Specific** > **Posting Data - Electronic Bank Statement (tfcmg5513m000)** session. Manually match the bank statement lines until all lines have status "Matched". The EBS batch receives the "*Matched*" status.

- Matched.

  In Audit Posting Data of Electronic Bank Statements (tfcmg5203m000) you can audit the EBS batch. The EBS batch receives the "*Audited*" status.

- Audited.

  In Post Electronic Bank Statements (tfcmg5222m000) session you can post the EBS batch. The EBS batch receives the "*Posted*" status.

Last minute information

For the latest information, take note of these solutions on the Infor Support Portal.

Solution	Description
22867311	This solution provides an overview of the available LN applications solutions. For a specific LN version we recommend that you choose the latest version of the software for new installations. For possible installation problems and last minute solutions you must read all the extra information.
1404654	This solution provides information about Infor Enterprise Server.
22881401	Latest information about system sizing, performance considerations and operating system and database tuning aspects.

Solution	Description
2221834	This solution provides information and requirements for Microsoft SQL server support on Linux.

Release and Technical notes

Together with other documents that apply to your configuration, read these documents:

- Infor Enterprise Server Release Notes
- Technical Notes for Porting Set available in solution `22923520`.
- The Platform support matrix that is available in solution `1183466`

These notes provide additional information that can be useful during the installation, or help you overcome functional issues after the installation.

Antivirus software

Antivirus software can interrupt the LN software installation process. We recommend that you exclude the Infor installation path with its subdirectories from the antivirus exlusion list.

Another option is to temporarily disable all antivirus software during the installation. Do not forget to re-enable the antivirus software after the installation is complete.

PMC solutions

For information about updating an environment with PMC, see the *Infor Enterprise Server - Administration Guide*. In the "LN Software maintenance" chapter, a section explains the PMC recipient procedure.

On your system go to **Tools** > **Software installation** > **Miscellaneous**> **Recipient**.

Update Infor Enterprise Server

Together with other documents that apply to your configuration, read these documents:

- *Infor Enterprise Server Release Notes*
- *Technical Notes for the Porting Set* available in solution `22923520`
- The platform support matrix that is available in solution `1183466`

We recommend that you regularly install available Enterprise Server solutions; to keep your environment up-to-date with the latest patches.

Note: When you perform an LN installation on a remote (Linux or UNIX) host ensure that your (Linux/UNIX) server runs a SSH File Transfer Protocol (SFTP) daemon.

Parallel table reconfiguration

Running tasks in parallel, can speed up the reconfiguration of many tables during a bdbreconfig process. It improves the performance during the update. The minimum number of parallel processes is 1 (sequential behavior) and the maximum is 128. Ensure to pick a value that fits your system. Too much parallelism can cause system overload and database connection issues. For more information see the *Infor Enterprise Server - Technical Manual*.

Solution License Manager (SLM)

Before you start the update to Infor Enterprise Server, you can update your SLM Server and Client to the latest SLM version. Check solution 22881484 on the Infor Support Portal.

Note: You can install SLM with the SLM installer or as an IU with the Installation Wizard during the LN upgrade.

Infor Enterprise Server 8.4 introduced maintenance licensing. When upgrading from an older version, add this product-id to your SLM license manager:

- Infor365 Maintenance Contract: 10365

Register as a Concurrent User with a quantity of 1.

Specify the end-date of your maintenance contract for Infor LN

Updating an LN SP0 environment

These PMC solutions must be installed:

- 22842663
- 22898863
- 22899649
- 22916327

If the PMC session "Download, Scan and Connect Solution (Multi-Level)" (ttpmc2210s000) does not work, install solution 22848797.

Note:

During the upgrade of the Enterprise Server components, Porting Set, and tools, this message can occur:

```
1 : process 1 - Error: Regular expression error nr 60 (Range error in
bracket
 (start>end)) in '^[a-zA-Z0-9_-.]* *$' (process.one.obsolete.solution()
in object ottpmcdllscan
```

You can ignore this message.

Updating an LN SP1/ES7 environment

These PMC solutions must be installed:

- 22842663
- 22898863
- 22899649
- 22916327

Updating an LN FP2/ES8.2 environment

These PMC solutions must be installed:

- 22842461

Note the pre-installation instructions and ensure you install this solution (200874) as the last solution in a run. Directly after this solution, the post-installation instructions must be followed-up. If not, the installation of subsequent solutions or the create runtime for tools will fail.

- 22842545
- 22898863
- 22899649
- 22916327

Updating an LN FP3/ES8.3 environment

Ensure that you have these PMC solutions installed:

- 22898863

- 22899649
- 22916327

Updating an LN FP3/ES8.4 onwards

- From LN FP3/ES8.4 onwards, there are no pre-requisites for this update.

ES AddOn PMC Solutions

From version 8.4.1 onwards, this IU contains the packages da, nt, ta, and tm. In previous versions this installable unit contained the package `tm`.

The packages `da` and `nt` were part of different Installable Units. The default update VRC for these packages is changed. Check the Package Combinations, which must be used for these packages, after the update. The packages in this version are delivered in total. Do not use older versions of these packages.

During installation, these package VRCs can only be added to existing Package Combinations. If you specified a new Package Combination to be created for the latest version, this Package Combination cannot be extended with these package VRCs.

This table shows the PMC Base VRCs:

Package	VRC
da	107 0 ta
nt	107 0 ta
ta	107 0 ta
tm	107 0 ta

Infor Adapter 2.7 or earlier for LN

This section applies only to customers who use the Adapter 2.7 for LN or earlier; users of version 8.4 and later can skip this section.

From version ES8.4, the Adapter for LN is delivered as part of the LN application itself, as part of the Porting Set and Enterprise Server AddOn.

Because of the new delivery, conflicts with existing installations, such as 2.7 or 2.6, can arise. The two options are to update to the new version, or keep using the old version.

Users of the Infor Baan IV and Infor Baan 5 environments can find more information in the *System Administrator's Guide for Adapter for ERP LN*. You can retrieve a `.zip` file with the Infor Integration 6.2.1 documentation through the Infor Support Portal KB `22850682`.

All environments that upgrade from a porting set earlier than porting set 9.2a, must go to Infor Support Portal KB `1933046` to download the Java libraries for OpenWorld.

Updating Adapter version 2.6 or 2.7

To update the Adapter:

1 Install the Enterprise Server AddOn PMC solutions.

Installing the Infor Enterprise ServerAddOn delivers all LN sessions and API, such as:

- tmboaserver
- tmbdeserver

2 In `$BSE/java`, remove these files:

- `b3.jar`
- `owxml.jar`

No update to the new Adapter

This process consists of:

1 Do not select the Enterprise Server AddOn to install; this is only possible if update of packages da and nt are not needed. Ensure the relevant package combinations still point to the old version of the package.

2 After the Enterprise Server AddOn installation, in $BSE/java, remove these files:

- ow.jar
- ow3p.jar
- owconfig.properties

Chapter 3: Description Installable Units (IUs)

Infor LN consists of different components, the so-called Installable Units (IU).

These Installable Units must be placed in a folder on the system from where the installation is started. This folder is called the staging area.

The user who performs the installation is responsible for loading the correct IUs and versions in the Staging Area.

Infor Staging Wizard

This wizard is used to build a staging area. A staging area is a storage place for various Installable Units before the actual installation can start.

For each update, we recommend that you always create a new staging area.

Infor Installation Wizard

This wizard must be used to perform the installation or update of an LN environment based on the Installable Units available in the staging area.

See Infor Support Portal KB 22923520.

Infor ES Porting Set

The Enterprise Server virtual machine also known as binaries. This is the OS dependent basis on which the LN application runs.

See Infor Support Portal KB 22923520.

Infor ES PMC Solutions

The set of PMC solutions that is required to update to the last version of Enterprise Server. With this Installable Unit you can update all previous versions of Enterprise Server. Next to the latest Enterprise Server version, this Installable Unit contains all preceding versions.

Infor ES AddOn PMC Solutions

Infor Enterprise Server AddOn PMC Solutions are required to update to the latest version of Enterprise Server AddOn. Updating can be done for all previous versions of Enterprise Server, using only this Installable Unit. Next to the latest version of Enterprise Server AddOn, this Installable Unit contains all preceding versions.

We recommend that you install this Installable Unit to keep Enterprise Server and Enterprise Server AddOn at the same version level.

This Installable Unit contains the packages `da` (Data Director), `nt` (New Technology), `ta` (Technology Adjustable) and `tm` (OpenWorld Middleware enabling).

See Infor Support Portal KB 2026891.

Infor Solution License Manager

The Solution License Manager installs or updates the SLM client and SLM server on the system that is specified for installation.

See Infor Support Portal KB 22881484.

Infor Application Service Manager

Administrative tool to start and stop LN or other (partner) application services. Infor Application Service Manager is mainly used with Infor Technology Architecture to manage the number of Adapters for ERP (Infor LN) servers related to the load. It can also be used to manage LN jobs.

Installation of this Installable Unit is optional.

See Infor Support Portal KB 22915422.

Infor LN PMC Solutions

LN PMC Solutions are required to update LN (applications) to a new Feature Pack. This solution contains the LN application software and the Business Object Document package containing the BODs for integration with other applications.

See Infor Support Portal KB 22867311.

Chapter 4: Staging area

With the Staging Wizard you create a staging area.

A staging area is used for the Infor LN installation process to install components. The components that are stored in the staging area are called Installable Units (IU). The Installation Wizard can install the Installable Units in one run. The installation wizard fulfills several tasks automatically during the installation process. This functionality profits according to PMC installs by effort and processing time. We recommend that you use the installation wizard.

Note: You can install LN directly from the delivered main basic media. Be aware that when you are setting up your LN environment, new improvements are made on top of the main basic media. We recommend that you download and stage the new solutions before starting the installation procedure.

Do not use any existing (old) staging area, but create a new one instead. We recommend that you create one of these staging areas:

- A staging area for Infor ES PMC Solutions (tools) and the Infor ES AddOn PMC Solutions.
- A complete staging area with Infor ES PMC Solution (tools), the Infor ES AddOn PMC Solutions and the Infor LN PMC Solution (application).

Start the Staging Wizard from the Infor Enterprise Server medium 1-2 to create a staging area. The Wizard asks you to specify a destination directory on disk where to copy the Installable Units.

After creating the staging area on disk, you can also stage the Infor LN 10.7 medium.

To start the Staging Wizard from the Infor Enterprise Server medium (1-2), navigate to `<Install medium>\Start` folder. Double-click `StartFirst.exe`. A page is displayed with information about installing several software components on the media. Read the screen carefully and click the appropriate `here` link to start the Staging wizard.

Click the **Start Staging Wizard link** at the center of the page.

The Staging Wizard is started and guides you through the staging process.

Note: The Infor Enterprise Server medium (2-2) contains among others the web based user interface and extended connectivity software for LN. The installation of this medium is described in "Installing user interface software" in the *Infor LN - Installation Guide*.
Note: The regular Infor LN medium does not include sources. To install source related components of Infor LN applications, obtain a source medium or ISO file from Infor Contract Management and Validation. After the staging process is finished you can start the installation process.

See the *Infor LN Application Sources - Installation Guide*.

Downloading and staging the solutions

Download the solutions with a professional ftp client, for example with WinSCP freeware, and connect to the Infor ftp server: `ftp.support.baan.com`.

> **Caution:** We recommend that you exclude the check to determine which solutions must be downloaded. Download and scan all solutions.

The IU solutions are stored under these names:

- tools = `/updates/10.7_0_tt`

  Download all `2*tt.tar.gz` files.

- pmc addon = `/updates/107_0_ta`

  Download all `<solution#>ta.tar.gz` files.

- bo = /updates/2.1_b6_bo

  Download all `mn*bo.tar.gz` files.

- LN = `/updates/B61_25`

  Download all `mn*stnd.tar.gz` files.

- IW and Portingset = `/updates/port`

  Porting set and Installation Wizard. Download only the latest versions.

Place all downloaded files in a sub folder, for example:

- `<staging area>\ftp\10.7_0_tt`
- `<staging area>\ftp\107_0_ta`
- `<staging area>\ftp\2.1_b6_bo`
- `<staging area>\ftp\b61_25`
- `<staging area>\ftp\IW`
- `<staging area>\ftp\port`

Start the Staging Wizard from your disk. To stage all downloaded dumps in the correct folder, redirect the wizard to `<staging area>\ftp`

Chapter 5: Update scenarios

You can choose one of these update scenarios:

- Enterprise Server 10.7.x (tools) and Infor ES AddOn PMC Solutions.
- Infor LN environment 10.7.x (application) and Enterprise Server 10.7.x (tools).

IUs for Enterprise Server update

You can update the Infor Enterprise Server (tools) separately from the Infor LN application.

For this update you must use the Infor Enterprise Server medium (1-2).

To update Infor Enterprise Server, you must select these IUs:

- Infor staging Wizard.
- Infor Installation Wizard, use the latest version of the Wizard, this is important for functional additions.
- Infor ES Porting Set, use the latest version.
- Infor ES PMC Solutions.
- Infor ES AddOn PMC Solutions.
  Download and stage all latest tools and PMC AddOn solutions.

These IUs are optional:

- Infor Solution License Manager
- Infor Application Service Manager

Caution: `Do not stage these IUs:`
- Infor LN
- Infor Enterprise Server

These IUs are the initial base software and are already installed during the first installation of LN. When installing them again, a warning is displayed informing you that you cannot install the IUs.

IUs for full update

To update Infor LN and Infor Enterprise Server in one step, you require these media:

- Infor Enterprise Server medium (1-2)
- Infor LN 10.7

These IUs are required:

- Infor Staging Wizard
- Infor Installation Wizard, use the latest version of the Wizard, this is very important for functional additions.
- Infor ES Porting Set, use the latest version.
- Infor ES PMC Solutions.
- Infor ES AddOn PMC Solutions.

    Download and stage all latest tools and PMC AddOn solutions.

    If you previously updated only tools and PMC AddOn and must update LN to the same version, you must install the `Infor ES AddOn PMC Solutions` IU again. Create a new Update VRC for the Infor ES PMC AddOn IU and add the VRC to the correct package combination.

- Infor LN PMC Solutions and BO package.

    Download and stage all latest LN monthly solutions.

These IUs are optional

- Infor Solution License Manager
- Infor Application Service Manager

> **Caution:** `Do not stage these IUs:`
> - Infor LN
> - Infor Enterprise Server
>
> These IUs are the initial base software and are already installed during the first installation of LN. When installing them again, a warning is displayed informing you that you cannot install the IUs.

Full update procedure

To start the Installation Wizard:

1 Stop the LN environment with `$BSE/etc/rc.stop` (UNIX and Linux), or Infor Manager (Windows). All other binaries running against this environment must be stopped, otherwise the Installation Wizard cannot replace them.

For an update of:

- The Windows porting set, the event viewer must be closed.
- An environment on UNIX, you must also stop the baanlogin process manually.

2 Start the Installation Wizard by running `<Staging Area>/Start/StartFirst.exe`.

3 Click **Start Installation Wizard**.

The **Welcome** dialog box is displayed.

4 Click **Next**.

5 Specify the environment to be updated in the Environment dialog box and click **Next**.

6 Select the required installable units, mentioned earlier and click **Next**.

7 Select the appropriate porting set and click **Next**.

8 Specify information for the **Host Name** and **Login Name** fields, see online help. Click **Next**.

9 If required, specify the destination directory. Click **Next**.

A warning message is displayed that informs you that all users must leave the LN environment before you continue this update.

10 Click **OK**.

During this step, LN checks if the selected environment is available for update. A warning can be displayed about still running binaries.

11 Select the number of processes your hardware can simultaneously support when the **Parallel Processes** dialog box is displayed.

Multiple bshells speed up the installation. Do not use more number of processes than available CPUs.

12 During a UNIX install you must specify the BW parameters on the **BW Configuration Parameters** dialog box and click **Next**.

13 The IU "Infor LN PMC Solutions" represents the LN upgrade component together with the product Business Object Documents (BOD). If you have selected this IU the **Select Base VRCs for PMC Solutions** dialog box is displayed. In this dialog box you can select two base VRCs in which the software components are installed.

- The Business Object Documents 2.1 for Infor LN 6.1 to integrate with other Infor applications.
- The Infor LN 10.7 to update your software to the latest feature pack.

14 Click **Next**. The Select an Update VRC for PMC Solutions dialog box is displayed if these IUs are selected:

- Infor ES AddOn PMC Solutions
- Business Object Documents and Infor LN PMC Solutions

Based on your selection, several **Select an Update VRC for PMC Solutions** dialog boxes are displayed.

When updating the installable unit "Infor LN PMC Solution" you must create a new Package Combination. Additionally to this new Package Combination, you must create a new update vrc. Install solutions in an "Update VRC". The format in the creation of these new update vrc can be implemented as:

	LN	BO	TA	Package Combi-nation/Descrip-tion
LN10.5	105U 0 a000	105U 0 b000	105U 0 t000	1050000/10.5
LN10.5.x	105U x a000	105U x b000	105U x t000	105x000/10.5.x
LN10.6	106U 0 a000	106U 0 b000	106U 0 t000	1060000/10.6

	LN	BO	TA	Package Combination/Description
LN10.7	107U 0 a000	107U 0 b000	107U 0 t000 When this VRC already exists, increase the last digit. For example: 107U 0 t001	1070000/10.7

Ensure that the newly created update VRC is connected to the new created package combination.

15 After you created the update VRCs several **Select Package Combinations** dialog boxes are displayed. Select the *new* package combination and click **Next**.

16 The **Download of Missing PMC Solutions** dialog box is displayed.

Optionally, select the check box and specify the appropriate connection information. To continue without downloading the missing solutions click **Next**.

Note: If you select the check box and specify the connection information a check runs if all required solutions are available. If this is not the case, the Installation Wizard tries to download the solutions with the connection information that you provided here. Click **Test connection** to verify if connection can be established. Missing solutions that cannot be found, or other errors, are logged in $BSE/ log.pmc

17 The **Configuration Files** dialog box is displayed. Select to change the configuration files. For more information, click **Help**. Click **Next** to end the edit.

18 If you selected the Solution License Manager Installable Unit, the wizard asks you to specify information in some dialog boxes.

19 If you selected the Application Service Manager Installable Unit, the wizard asks you to specify information in some dialog boxes.

20 Click **Next**. The **Ready to Install** dialog box is displayed.

21 To start the update, click **Install**.

For information about updating an environment with PMC solutions, see *Infor Enterprise Server - Administration Guide*. "LN Software maintenance" explains the PMC recipient procedure. You can run this procedure as a post-installation task.

Chapter 6: Post-installation steps

After you install the Infor Enterprise Server, you must perform several post-installation tasks.

Restarting shared memory and logic services

Restart the shared memory and the logic service, to ensure shared memory does not contain any references to pre-migrated objects.

SP0/SP1 Solution number 22911304

Install solution 22911304 `Security files required when running LN SP0/SP1 with En terprise Server 8.5,` if you made one of these upgrades without upgrading the application:

- Baan ERP 5.2a to Enterprise Server 8.5.
- LN SP0 to Enterprise Server 8.5.
- LN SP1 to Enterprise Server 8.5.

Installing latest solutions

It is recommended to update the latest weekly solutions on the Enterprise Server. Check solution `1404654` to find the Generic tools solution of your Enterprise Server version. This Generic Tools solution contains all known PMC solutions for Infor Enterprise Server up to a certain week.

With the **Support Information Tool (ttsit01000)** session, you can check if an update is required for your tools build number.

Standard Master and Demo Data companies

Infor used to deliver the companies 050, 090 and 091 as Master and Demo Data. However, this is not the case anymore.

If you still want to use the former installed Infor companies, you can run the Data Upgrade Engine (DUE) for these companies. The DUE will bring them to the correct metadata level.

Instrument group functionality

In Infor LN FP8 the **Instrument Group** (qmptc008.intg) field is created in table qmptc008. This field relates to the Instrument Group functionality.

After migrating from an Infor LN version without the instrument group functionality, an error message is displayed when saving any data in the **Instruments (qmptc0108m000)** session.

To use the instruments functionality along with the new instrument groups, you must create an instrument group or groups. Specify the instrument group in the **Instrument Group (qmptc0124m000)** session and link the group(s) to the existing instruments.

LN Enterprise Modeler Content Pack

You can download LN Enterprise Modeler Content Pack from the Infor Support Portal KB `1825386`.

Functionality in LN (such as Enterprise Planning, Inventory Management, and Purchase) are modeled in an Enterprise Modeler Model called the Enterprise Modeler Content Pack, which can be used to model a customer specific Project Model in LN.

This model contains scenarios and business processes with options, roles and rules. This is based on the relevant distribution and production typologies and verticals supported in the LN functionality. In a project model you select the scenarios relevant for your business, and you set the options to implement. Based on the rules Enterprise Modeler selects and transforms business processes that suit your requirements and simplifies the use of the LN functionality.

A separate license must be purchased to use the Enterprise Modeler Content Pack model.

See *Infor LN - Enterprise Modeler Content Pack User Guide.*

Domain constraint validation

Before you upgrade your companies to a newer Feature Pack, we strongly recommend that you check if the data meets the defined constraints.

Data insertion that does not meet the constraints can occur if, for example, you run `bdbimports` with the option to ignore domain constraints.

If the current data does not meet the domain constraints, this can lead to unexpected errors (error 205 "Out of range"). These errors occur while trying to update affected records using the Data Upgrade Engine.

To validate the domain constraint:

1   Start the **Validate Data Integrity (ttaad4233m000)** session.
2   Perform the check for each company that is scheduled for migration.
    Run the session:
    - From the package combination of the selected companies.
    - During online hours, because this session performs select statements only on the data.

    The session can take some time. We recommend that you split the session into multiple runs, for example, by company.

3   After each run, check the output of the session and take corrective actions if required.

Upgrading companies to the new installed Feature Pack level

These steps are only required if LN is updated next to Infor Enterprise Server.

Create a new Update VRC for the Feature Pack and convert your companies from the original package combination to the FP*-based package combination after the installation.

For details on this process, see *Infor Enterprise Server - Administration Guide*, or the online Help of the sessions.

To upgrade the companies:

1   Log on with a super user. Ensure this user is linked to the target package combination of the companies to upgrade.
2   Change Package Combination by Company (ttaad1101m000).
3   Specify the fields. Depending on the size of your companies, this can take some time.
    During this step, you can encounter the message: "`Table does not exist errors (506).`" Ignore this message.

4   Run the **Change Package Combination for Users (ttaad2200m000)** session.
5   Run the **Convert Changes to Runtime (ttams2200m000)** session.
6   Re-login in the environment.

If you connect to a company not yet migrated to the new SP/FP level, you can receive the message: "This company (xxx) must not be used because the company needs a data upgrade."

In general, this means:

a   If you use table sharing, check your table sharing data; if required, adjust this data. The names of the new tables are in the appendix of this document.

b   Run the **Create tables (ttaad4230m000)** session per company. You can expect the creation of several new tables by company.

Converting companies to the new Feature Pack metadata level

These steps are only required if LN is updated next to Enterprise Server.

In the **Companies (ttaad1100m000)** session, the companies that are connected to the new Service Pack / Feature Pack Package combination have the status "Upgrade Needed".

Before you use the new Feature Pack, you must complete several required tasks. You must perform these tasks in each Feature Pack upgrade.

> **Caution:** If you use table sharing, you must adjust the table sharing first with the Table Sharing Modeler before running the Data Upgrade Engine. We recommend that you manually update the table sharing and not use the automatic update. Otherwise, the resulting table sharing can be incomplete.
>
> See the *Infor LN User Guide for Table Sharing*

To convert the companies:

1   Start the **Data Upgrade Runs (ttspt2500m000)** session. A new run is shown. This run is generated by the installation of the Feature Pack, or during the move of your companies to the new Package Combination.

To initialize and run the Data Upgrade Run:

- Select **Specific > Initialize Data Upgrade Run**. Ensure that the Source Feature Pack is the number of the previous Feature Pack that was installed in your environment. If not, update Source Feature Pack to the previous Feature Pack that was installed.

  When you initialized an upgrade run for the incorrect Source Feature Pack (SFP), you can change the SFP for all upgrade tasks. Go to the **Data Upgrade Task (ttspt2520m000)** session. Select **Specific** > **Global Change Source Feature Pack**. Change the SFP before starting the upgrade run from **Data Upgrade Runs (ttspt2500m000)**.

- Optionally fine tune the Data Upgrade Run. For example you can move Companies to another Run or change the Runtime Classes of Data Upgrade Tasks.

- Select **Specific > Data Upgrade Engine**. Optionally you can run a Simulation first.

For more information about the Data Upgrade Engine, see the online help.

2   Initialize new integration mapping scheme master data and reconciliation master data, and deactivate obsolete master data. Only changes are made active. Existing data is not overwritten.

- **Initialize Mapping Scheme Data (tcfin0210m000)** session. By default, the options that are applicable to your environment are selected. Clear options only if they are not used in your enterprise setup.

Note that from Service Pack 1 onwards, the Manual Sales ledger account must be a FAM disposal account.

3 From **Mapping Scheme tfgld4573m000** session, copy the mapping scheme to the new mapping scheme version.

a   Start the **Mapping Scheme (tfgld4573m000)** session.
b   Click**Specific > Find Active Mapping scheme**.
c   Click **Specific > Copy to New Mapping Scheme Version** and confirm Copy.

Ensure the copied Mapping Scheme is visible in the session.

d   Click**Specific > Check Mapping Scheme**.
e   Check the errors and warnings tab, and resolve any errors.
f   Click **Specific > Activate Mapping Scheme**.

4 In FP2, the business partner tax country is added to the order lines. Only approved tax codes must be used. Therefore, we recommend that you check these sessions that contain the data used for tax defaulting:

- **General Company Data (tccom0502m000)**: specify the tax ID of your own company.
- **Tax Parameters (tctax0100m000)**: Check the search order of tax libraries.
- T**ax codes by Country (tcmcs0536m000)**: Check whether the tax codes are approved.
- Tax Handling (tctax0138m000): Check whether enough default Tax Codes are present; you might not be able to enter order lines any other way.
- **Tax Numbers by Business Partner (tctax4100m000)**: Check whether a tax number is present for the business partners in another EU country. Note that the country used in this session is used for the defaulting of the business partner tax country of order lines.
- To resolve issues with the new tax model, use these sessions:
  - **Tax Exceptions by Country (tctax1100m000),** and **Tax Exceptions by Country Set (tctax1101m000)**: To create exceptions in the tax defaulting scenarios, use these sessions.
  - **Test Tax Model (tctax8100m000)**: To simulate the tax scenarios used for tax defaulting, use this session.
  - Unless used in your situation, for updates from SP0 to SP1, run the **Generate Order planning (cprrp1210m000)** session with a full range for all scenarios.

Generating order planning

In case you updated your Infor LN SP1 environment to the latest FP level, you must run the **Generate Order Planning (cprrp1210m000)** session. Run this generate session for each company, for all scenarios, and with a full range.

Infor recommends to run this session for all other updated environments later than SP1.

Configuring shared memory after the Enterprise Server update

DLLs are used more frequently, it is difficult to decide which objects to load in shared memory. Measurement tools are now available to identify which objects are frequently used and suitable to load in shared memory. A configured shared memory that is based on the measurement information improves processing speed.

Specific information about how to configure shared memory is specified in the administration guide. This section is a short enumeration of the measurement tools configuration. The process consists of two main steps:

- Specify the objects to store in shared memory
- Configure the Shared Memory service.

To configure shared memory:

1 To define shared memory content, the **Shared Memory Data (ttaad4156m000)** session is used to specify objects in shared memory. When you already have objects specified in shared memory, a message is displayed.

2 To use your existing specifications, click **Yes**.

   If this message is not displayed, you can import a range of program or report objects from the Data Dictionary (DD). The import session is present in the **Specific** menu of the **Shared memory Data (ttaad4156m000)** session. For more detailed information, see the administration guide.

3 Start **Logging Parameters (ttaad4153m000)** session, for gathering statistics on shared memory.

   In this session, the time frame (start and end time) in which the logging must take place can be defined. If no time frame is defined, no logging is done.

   To store the data in the logging file in `$BSE/lib/defaults/`, click **Convert**.

   A convert can only be started on a host that is defined as Master Application Server (MAS). In case the host is not an MAS, all selection fields and the **Convert** option are disabled.

   To completely remove the currently stored shared memory measurement data, click **Cleanup**.

   The measurement will start for all bshells started after the convert is run, and take the defined time frame into account.

4 Restart shared memory.

   The procedure to complete the configuration of shared memory on a Windows or UNIX system differ:

   Procedure on Windows:

   Start the Enterprise Server Service Manager. Right-click **Shared memory service**, and on the shortcut menu that is displayed, click **Stop**. Next, right-click again and click **Start**.

   Procedure on UNIX:

   Exit the session and log in again as user **root**. To reload shared memory, specify these commands:

```
# cd $BSE/bin
# ./srdd_init6.2 -i
```

After the period of shared memory measurement has ended, the log information can be found in the **Shared Memory Measurement(ttaad4152m000)** session. On behalf of this information, you can repeat specifying objects stored in shared memory.

Table sharing data

Table Sets and table references are delivered with every Feature Pack of LN to set up or update table sharing. For technical and functional information about table sharing, see the *User Guide for Multicompany Table Sharing (U8955 US)*.

Report Archiving for invoices

This step is relevant when you are using Report Archiving for invoices and you updated your environment to LN version 10.2 or later.

In LN 10.2 the invoices are moved to a different table: cisli305 (in earlier feature packs this was table cisli205).

Because invoices are archived as files at the moment of printing, you must change the settings in the Report Archiving Rules (ttaad3542m000) session.

After the update the value in `Split Field` must be changed, otherwise the report archiving will not work. Specify this information:

- change cisli205.sfcp to cisli305.sfcp
- change cisli205.ityp to cisli305.tran
- change cisli205.idoc to cisli305.idoc

Customized form fields

Customized form fields must have a unique identification assigned.

Note: This step is required if your previous version is FP5 or earlier.

To personalize forms, each field on a form must have a unique identification assigned. FP6 comes with all the converted standard forms. Based on the converted standard forms, customized forms must also be converted. For more information, see the release notes section "UUID Conversion Personalization".

Update history counter posting

Run the Update history counter posting (tdsta2299m000) session. This action is relevant for all environments that are updating or were updated from the feature packs 1, 2 and 3. If you do not run this session, the history data of the old service pack is not included in the update statistics process.

The Update history counter posting (tdsta2299m000) session was added in FP4. If you updated from FP1, 2 or 3 to FP5, 6 or 7, you also must run this session.

See the online help of the session for more information.

LN Post-DUE steps

Invoices with status "Posted".

After completing the installation of LN 10.2 (or later) and the Data Upgrade process. The converted Invoicing tables, the 'old' tables, still contain the old Invoice data. This data can be removed.

1   Start the **Clear Obsolete Invoice Tables (cisli9205m000)** session in LN.
2   Specify the selection ranges and click **Process**. This removes all data in these tables:
    • cisli205
    • cisli206
    • cisli207
    • cisli208
    • cisli209

    We recommend that you run this post-due step any moment in time after the Data Upgrade Process has finished. The data in the tables that were mentioned earlier are no longer used by LN 10.2 (or later versions). It only consumes disk space which can be freed up.

    Run this removing process once, as invoices that are created with LN 10.2 (or later versions) will not exist in the tables mentioned earlier.

    Wherever applicable, the operations package such as Sales Orders, zoom to the new environment and no longer to the tables that were mentioned earlier.

    In addition, the **Archive and Delete Invoicing Data (cisli3210m000)** session is rewritten for better control of Invoice Data. With this session, the redundant Posted Invoice Lines (for example; table cisli245, cisli255 etc.) can be removed. This data is already available in the new Invoice Line table (cisli310).

    For new Invoices, the data is automatically removed from the tables cisli245 and parallel tables. For upgraded Billable Lines, the data is automatically removed from the tables cisli245 and parallel tables during the upgrade.

Generate subcontracting models

This section is valid for LN 10.5 environments or earlier that are updated to LN 10.6 or later.

The **Generate Subcontracting Models (tisub1230m000)** session is created to generate new data that is based on the old setup of LN 10.5.

The **Generate Subcontracting Models (tisub1230m000)** session generates subcontracting models for items with the source `subcontract`.

In LN 10.6 and later, subcontracting purchase orders require a subcontracting model.

Note: Subcontracting purchase orders in this context is about independent subcontracting orders, not about subcontracted operations. Up till LN 10.5, these orders used the Job Shop bill of material (BOM). Because this bill of material is intended for production orders only, subcontracting orders require a dedicated model, being the subcontracting model, from LN 10.6 onwards.

Process

First the defined suppliers in the **Approved Supplier List (tdipu0110m200)** session, with the item BOM in the **Bill of Material (tibom1110m000)** session are collected. If no supplier is found the defined suppliers for the item group with the item BOM, are collected. The warehouse data on the subcontracting model is retrieved from the Items - Sales Business Partner (tdisa0510m000) session. If multiple suppliers are found, multiple models for the same item are created, one per supplier.

The generated model is approved after validation.

Updating a porting set

For the latest information about a porting set update, see Infor Support Portal KB `22923520`.

Installing a language in LN

LN is default delivered with the English language. Extra languages can be installed.
Note: You must have installed and configured LN before additional languages can be installed.

You can install the Languague packs with PMC and the Installation Wizard.

Available languages

For the latest information about a language update, see solution `22867311` on the Infor Support Portal.

Sub link to the appropriate last minute notes for your LN product. Click the Translations Solution in the Component table. The available translations are shown.

Language updates are delivered as PMC solutions.

With the `MAX_LTS_SERVERS` variable you can enable multiple bshells to speed up the languague packs installation. You can find this variable in the `$BSE/lib/BSE_VARS` configuration file.

English as fall back language

Messages, labels or help texts that are not available in any additional installed language code, are shown in English

Updating language Packs

If you decide to install an extra language, ensure that a language pack is available. You cannot install language packs of earlier versions.

The `MAX_LTS_SERVERS` variable is used to speed up the installation when you install more than one language at the time.

For more information, see

Replacement of ISO 639-2 standard with 8.4.1 release

The data languages with Enterprise Server 8.4 were based on the ISO 639-2 standard, which does not support all languages. For example, there is no differentiation between Simplified and Tradition Chinese, Brazilian European and Brazilian Portuguese, or English Great Britain and English US.

Therefore, with the release of Enterprise Server 8.4.1, we used another standard as a base for data language definition. If you have implemented multi language data enabling (mle) based on Enterprise Server 8.4, a table reconfiguration of multi language enabled tables must be taken into account.

To view the **Data Upgrade Engine** status, use the **Data Upgrade Runs (ttspt2500m000)** session. Never directly use the **Initialize Data Upgrade Run (ttspt2200m000)** session.

Infor Support Assistant for LN

Infor Support Assistant (ISA) is designed to support your Infor products without compromising your business security and data integrity.

With ISA, Infor Support has the correct and up to date information about your Infor LN environment to deliver faster and more effective support. This information enables Infor to provide personal and proactive support.

No license fee is required for ISA, it is provided as part of your maintenance contract.

You can implement ISA through Infor Support Portal KB `1042859`. If you require assistance with the implementation, raise an Infor Support Portal incident.

Chapter 7: Documentation and Online Help

The LN Online Help together with the complete documentation set can be downloaded from the Infor Support Portal. Search for the Infor Support Portal KB `22944448`.

For instructions about the installation of the Online Help, see the *Infor LN UI Administration Guide*

On https://docs.infor.com you can find the latest documentation set. Here you can open or download a specific pdf one by one.

Chapter 8: Infor LN on a Microsoft Windows Server Cluster

Use the installation wizard to run a porting set update. Do not failover BSE cluster resources to another node during the update. First upgrade the active node. After the active node you must upgrade the passive node(s). The porting set and cluster resource DLLs will be updated. Reboot the cluster node(s) afterwards. Repeat the upgrade for each node in the cluster.

For more information about Server Cluster, see the *Infor LN - Installation Guide.*

Appendix A: New tables

After you install a Feature Pack, several new tables can be created;

New Infor LN 10.7 application tables

This table shows the new application tables of Infor LN 10.7 compared to Infor LN 10.6

Package	Table	Description
ci	cisli314	Invoice Line - Tax Details
cp	cprpd097	Temporary table for Loop reporting
cp	cprpd098	Temporary tabel for COLT calculation
cp	cprpd325	Planning Bill of Critical Materials
cp	cprpd335	Planning Bill of Critical Capacities
cp	cprpd345	Planning - Generic Bill of Material
cp	cprpd355	Planning - Generic Routing
cp	cprrp800	Statistics - Order Planning Runs
cp	cprrp801	Statistics - Plan Items
lp	lpbra006	Relationships
lp	lpbra007	Relationship Matrix Definition
lp	lpbra008	Relationship Matrix Priority
lp	lpbra152	Receipt Related Receipts
lp	lpbra153	Receipt Related Invoicing
lp	lpbra252	Invoicing Related Invoicing
lp	lpbra253	Invoicing Related Receipts

Package	Table	Description
lp	lpbra260	Invoice Lines Composing
lp	lpchn000	China Golden Tax Parameters
lp	lpchn200	China Golden Tax Detail
lp	lpchn201	China Golden Tax Outbound Line Status
lp	lpchn202	China Golden Tax Inbound Line Check
lp	lpcze100	Parameters VAT Control Statement (CZ)
lp	lpcze101	VAT Control Statement - Line Definitions
lp	lpcze102	VAT Code - Deliverables Code Relation
lp	lpcze103	VAT Control Statement Data
lp	lpcze104	Aggregation Exceptions by Trans. Type
lp	lpdeu100	Export Schemes
lp	lpdeu101	Tables by Export Scheme
lp	lpdeu102	Export Table Fields
lp	lpdeu103	Constraints by Table Field
lp	lpdeu104	Constraints between Tables
lp	lpdeu105	Additional References
lp	lpdeu106	Additional Export Fields
lp	lpdeu111	Secondary Companies to Export
lp	lpdeu112	Predefined Views
lp	lpdeu115	Export Log Table
lp	lpdeu116	Export Log Details
lp	lpesp004	Special Cash Defaults
lp	lpisr000	Israel Parameters
lp	lpisr001	Transaction Types- Additional Characteristics
lp	lpisr002	Payment method - Additional Characteristics
lp	lpisr103	Interim Item Inventory

Package	Table	Description
lp	lpisr104	Interim C100 Header for Integration Transactions
lp	lpisr105	Totals by Document Type
lp	lpisr106	Interim D110 Header for Integration Transactions
lp	lprus012	Currencies
lp	lprus040	Enterprise Units
lp	lprus190	Currencies for Rate Downloading
lp	lprus301	Linked Received Purchase Invoices
lp	lprus402	Sales Invoice Manual Payments
qm	qmpqm020	Failure Stages
qm	qmpqm021	Failure Categories
qm	qmpqm022	Failure Codes
qm	qmpqm023	Failure Codes by Failure Stage
qm	qmpqm024	Action Codes
qm	qmpqm025	Repair Action Codes by Failure Codes
qm	qmpqm026	Allowed Disposition Codes
qm	qmpqm200	Failure Report Analysis and Corrective Action System
qm	qmpqm201	Failure and Action Details
qm	qmpqm202	FRACAS Instruments
qm	qmpqm203	FRACAS Process Variables
qm	qmpqm204	Additional Components Failure and Action Details
qm	qmpqm250	Failure Report Analysis and Corrective Action System Header History
qm	qmpqm251	Failure and Action Details History
qm	qmpqm252	FRACAS Instruments History
qm	qmpqm253	FRACAS Process Variables History

Package	Table	Description
qm	qmpqm254	Additional Components Failure and Action Details History
qm	qmptc096	Certification Rule
qm	qmptc097	Certification Rule Data
tc	tcbcm000	Business Communication Parameters
tc	tcbcm001	Lists
tc	tcbcm002	List Options
tc	tcbcm003	List Options by List
tc	tcbcm004	Document Option Sets
tc	tcbcm005	Document Options
tc	tcbcm020	Documents
tc	tcbcm021	Document Sets
tc	tcbcm022	Documents by Document Set
tc	tcbcm023	Document Groups
tc	tcbcm030	Questions
tc	tcbcm031	Question Sets
tc	tcbcm032	Questions by Question Set
tc	tcbcm033	Question Groups
tc	tcbcm040	Display Sets
tc	tcbcm041	Display Set Attributes
tc	tcbcm100	Document Lines
tc	tcbcm110	Question Lines
tc	tcbcm111	List Options by Question Line
tc	tcbcm120	Display Attributes
tc	tcbcm700	Document Line History
tc	tcbcm710	Question Line History
tc	tcbcm711	List Option by Question Line History
tc	tcbcm720	Display Attribute History
tc	tcbod020	Advanced BOD Publishing Rules

Package	Table	Description
tc	tcemm400	Concept Activation
tc	tcemm410	Concept Activation Steps
tc	tcemm420	Concept Activation Steps by Company
tc	tcfin021	Reconciliation Group Settings by Financial Company
td	tdisa020	Delivery Pattern Scenarios
td	tdisa021	Delivery Patterns
td	tdisa100	Item - Sales Transactional Data
td	tdpcg013	Target Price Books
td	tdpcg033	Target Price Book Lines
td	tdpcg233	Target Price Calculation Logging
td	tdpur096	RFQ Types
td	tdpur121	Request for Quotation Alternatives
td	tdpur126	RFQ Response Preparations
td	tdpur171	RFQ Alternative History
td	tdpur176	RFQ Response Preparation History
tf	tfacp118	Defaults for Received Invoices
tf	tfacp207	Debit Notes
tf	tfacp208	Commission Invoices
tf	tfgld216	Import Journals
tf	tfgld217	Import Journal Error Log
tf	tfgld260	Cash Flow Information Codes
tf	tfgld261	Cash Flow Information
tf	tfgld438	Transactions split via Operation Management
ti	tiasc214	Features and Options by Line Station Order and Option Set
ti	tibom300	Job Shop Bill of Material
ti	tibom310	Job Shop List of Materials

Package	Table	Description
ti	tibom320	BOM - Alternative Materials
ti	tibom330	BOM - Reference Designators
ti	tibom340	Material - Routing Relationships
ti	ticpr151	Operation Rates
ti	timfc300	Production Bills of Material
ti	timfc301	P-BOM - Models by Site
ti	timfc310	Production Bill of Material Lines
ti	timfc320	Production Bill of Material Alternative Materials
ti	timfc330	Production Bill of Material Reference Designators
ti	tirou080	Job Shop Master Data Settings by Site
ti	tirou081	Job Shop Master Data Settings History by Site
ti	tirou400	Job Shop Routing
ti	tirou401	Job Shop Routing Operations
ti	tirou402	Phantom Routing Relationships
ti	tirou410	Job Shop Routing Operation - Operation Steps
ti	tirou411	Job Shop Routing Operation - Tools
ti	tirou412	Job Shop Routing Operation - Skills
ti	tirou413	Job Shop Routing Operation - Process Variables
ti	tirou414	Job Shop Routing Operation - Setup Classes and States
ti	tirou415	Job Shop Routing Operation - Instructions
ti	tirou450	Reference Operations
ti	tirou451	Reference Operation - Tools
ti	tirou452	Reference Operation - Skills
ti	tirou453	Reference Operation - Process Variables

Package	Table	Description
ti	tirou454	Reference Operation - Setup Classes and States
ti	tirou460	Machine Types
ti	tirou461	Machine Capacity Group
ti	tisfc061	Machine Utilization by Week
ti	tisfc062	Machine Utilization by Day
ti	tisfc063	Labor Utilization by Week
ti	tisfc064	Labor Utilization by Day
tp	tpptc311	Project Budget (IMS)
ts	tsacm102	Reference Activities / Master Routings by Site or Service Office
ts	tsacm202	Master Routing (Option) Relations by Site
ts	tsacm222	Resource Requirements by Reference Activity by Site
ts	tsacm223	Skill Requirements by Reference Activity by Site
ts	tsacm252	Reference Activity Subassemblies by Site
ts	tscfg250	Serialized Item Warranty
ts	tscfg251	Warranty Log
ts	tscfg252	Warranty Events
ts	tscmm216	Supplier Claim Peg Distribution
ts	tscmm866	Supplier Claim Peg Distributions History
ts	tsmdm165	Dealer Workbench Authorizations
ts	tsmdm231	Items - Service Business Partner
ts	tstdm110	Travel Rate Books
ts	tstdm111	Travel Rate Book Lines
wh	whina140	Inventory Aging Analysis Definition
wh	whinh325	Return Certificates

Package	Table	Description
wh	whinh327	Return Certificates - First Free Number
wh	whinh483	Outbound Order Line - Planned Shipment Requirements
wh	whinr116	External Packaging Item Transactions
wh	whinr117	Reconciliation Data of Packaging Items
wh	whspt260	Service Pack Upgrade table for whwmd260
wh	whwmd214	Safety Stock by Project Peg

Appendix B: UUID Conversion Personalization

This action is only required when your previous version is FP5 or earlier.

This appendix is for system administrators and describes the migration of the session personalization conversion. Run this procedure directly after the installation of FP10.

Introduction

In FP5 and earlier versions, field personalizations cannot be fully exchanged between Worktop and Web UI. This issue is caused by a different storage format of the personalizations between Worktop and Web UI. From FP6 the field personalizations are stored equally.

In FP5 and earlier versions, the identification of a personalized field during the personalization process is based on the field name and the sequence number linked to this field. When the definition of the form is changed, the sequence of a field might be changed. When processing the personalization, the field can no longer be found and the personalization is lost. To solve these issues and make a field personalization identifiable, FP6 links a Universally Unique Identifier (UUID) to each form field.

From FP6, in combination with at least the 8.5.1 version of the Dynamic Form Editor (DFE), field personalizations are stored with a UUID.

A conversion is required for:

- Dynamic form fields (ttadv308.zb_uuid)
- Field personalizations (ttadv900.zb_uuid)

The FP6 release is delivered with all the converted forms. Based on the converted standard forms, customized forms must be converted too. In the **Compare Package VRC's (ttadv6450m000)** session, an **Ignore UUID of form field** option is added to exclude form changes caused by the UUID conversion.

The Procedure section describes the steps to take for the customized forms and is applicable only for VRCs with customized components (sessions/forms).

Procedure

Note that:

- Checked-out sessions are not processed. Ensure that no checked-out sessions are present on the environment to convert.
- After the conversion process, users must update the DFE to at least version 8.5.1. The latest version of DFE can be retrieved through solution 116206 on the Infor Support Portal.

Step 1: Generate UUID for dynamic form fields

1   Start the **Generate Form Field UUID (ttcon9201m000)** session.

This session generates the `UUID` (`ttadv308.zb_uuid`) for each dynamic form field of an integrated session that is not expired.

2   Select the package and package VRC for which the `UUID` form field generation must be executed. An additional (from – to) selection on module and session code is possible.

3   Click **Convert** to start the process.

These actions are performed during this process:

- If SCM is active, the session is checked out.
- For each processed form field, a `UUID` (`ttadv308.zb_uuid`) is added in these ways:
  a   When a session is not based on standard session (full customization): A new `UUID` is generated.
  b   When a session is based on standard session (partly customization):
     - Standard fields: The form field `UUID` is copied from the highest standard VRC.
     - Custom fields: A new `UUID` is generated.

Note: In case of multiple custom package VRCs, which are derived from the selected package VRC, all custom VRCs are processed.

- If SCM is active, the session is checked in. The text `UUID for form fields generated` is added as revision text.
- Converted form is dumped/compiled.

Additional options:

- Simulation mode.
- During the process, an error log file is created. The log file (path) can be selected. The default is: `$BSE/log.con9201`).

Step 2: Convert Personalizations

1   Start the **Convert Personalizations (ttcon9200m000)** session.

This session updates the `UUID` (`ttadv900.zb_uuid`) for each dynamic form field present as field personalization. This session can be run multiple times. Personalizations that are already updated are skipped.

2   Select the package combination for which the `UUID` form field generation must be run. An additional (from – to) selection on package, module, and session code is possible.

3   Click **Convert** to start the process.

The `UUID ttadv900.zb_uuid` is filled for all personalized form fields.

Note: The conversion program cannot update all the field personalizations. For example, fields that are present multiple times on a form, or personalized fields that are removed from the form, are not converted. Non-converted personalizations are still valid. The personalize process for these fields is the same as before.

Additional options:

* Simulation mode.
* During the process, an error log file is created. The log file (path) can be selected. The default is: `$BSE/log.conadv900`.