

Journal Processor Guide to Setup and Processing

Notice

The information in this document is subject to change without notice.

This document contains confidential and proprietary information protected by copyright. All rights are reserved. Infinium Software, Inc., grants permission to customers who have a current and valid license agreement to make copies of this document solely for use by their employees. Except for the purpose stated above, no part of this document may be reproduced or used in any form or by any means without prior written permission from Infinium Software, Inc. Customers shall not alter or remove any Infinium Software, Inc., or other copyright notice from this document and each authorized reproduced copy shall include, be subject to, and shall be covered by, the Infinium Software, Inc., copyright on the original document.

Infinium Software, Inc., shall not be liable for any technical or editorial errors contained herein or for incidental or consequential damages resulting from the performance, furnishing, or use of this material.

Copyright © 1996 – 2003 by Infinium Software, Inc. All rights reserved.

Infinium is a registered trademark of Infinium Software, Inc. Other trademarks or trade names referenced are the service marks, trademarks, or registered trademarks of the respective manufacturer.

Release:	Infinium JP Release 12.1
Publication Date:	February 2003
Document Number:	20030120134825

Table of Contents

About This Guide	1
Part 1 Infinium JP: An Overview.....	1-1
Overview of Infinium JP	1-2
Terminology and Concepts	1-6
Part 2 Defining Infinium JP Controls and Codes.....	2-1
Overview of Defining Controls and Codes	2-2
Setting Up Entity Controls	2-3
Overview of Company Controls.....	2-14
Setting Up Company Controls	2-18
Working with Code Types and Values.....	2-28
Defining the Proper Source Code.....	2-32
Part 3 Setting Up Preliminary Information.....	3-1
Overview of Setting Up Preliminary Information	3-2
Defining the Action System List	3-3
Defining Action Descriptions.....	3-5
Understanding the Use of Fields and Cross-References.....	3-8
Working with Fields	3-12
Cross-Referencing Fields to Action Codes	3-18
Procedure Following Field Cross-Reference Changes	3-27
Part 4 Resolving Account Numbers and Posting Transactions	4-1
Overview of Resolving Account Numbers and Posting Transactions.....	4-2
Working with Action Definitions for Account Number Resolution	4-5

Working with Action Definitions for Posting Transactions	4-15
Summarizing General Ledger Entries with User Fields	4-33
Walking Back from GL to JP Generated Transactions	4-39
Part 5 Performing Lookups	5-1
Overview of Performing Lookups	5-2
Creating and Editing Lookup Tables	5-3
Establishing Lookups in an Action Definition	5-10
Chasing Values in a Lookup Table	5-12
Part 6 Copying Action Definitions and Lookup Tables	6-1
Overview of Copying Action Definitions and Lookup Tables	6-2
Copying Action Codes	6-3
Copying Lookup Tables	6-10
Part 7 Starting and Ending the Data Collector	7-1
Overview of Starting and Ending the Data Collector	7-2
Starting the Data Collector	7-3
Ending the Data Collector	7-7
Unavailable Options When the Data Collector Is Running	7-10
Following the Data Flow	7-11
Part 8 Completing Post Processing Activities	8-1
Overview of Completing Post Processing Activities	8-2
Reprocessing Data Collector Records	8-3
Purging Error Transactions	8-7
Generating General Ledger Batches	8-9
Creating General Ledger Posting Transactions	8-16
Appendix A Printing Infinium JP Reports	A-1
Overview of Printing Infinium JP Reports	A-2
Printing a Report	A-3
Printing the Action Program List	A-4
Printing the Action Definition Report	A-6
Printing the Definition Worksheet	A-8
Printing the Action Definition Fields	A-10
Printing the Field Cross-Reference Report	A-13
Printing the Field Where-Used Report	A-14

Printing the Field Lookup Report.....	A-17
Printing the Missing Definition Report.....	A-18
Printing the Account Error Report (Type E Error).....	A-20
Printing the Definition Error Report (Type N Error)	A-21
Printing the Inactive Definition Report (Type I Error)	A-22
Appendix B Infinium JP Menu Tree.....	B-1
Appendix C Action Points, Codes and Passes.....	C-1
Understanding the Action Code Numbering Sequence	C-2
Appendix D Valid Fields for Cross-Referencing.....	D-1
Overview	D-2
Files Available to Infinium JP	D-3
Fields Available for Cross-Referencing	D-5
Appendix E Partial Account Fields	E-1
Overview	E-2
Partial Accounts in Infinium CA Control Files	E-3
Partial Accounts in Infinium IC	E-9
Partial Accounts in Infinium CA Master Files	E-11
Partial Accounts in Infinium OP	E-14
Appendix F System Codes and Corresponding Programs	F-1
Appendix G Error Codes	G-1
Appendix H Debugging Errors	H-1
Appendix I Processing Flowcharts	I-1
Appendix J Defining AS/400 or iSeries Authority.....	J-1
Defining Authority	J-2
Appendix K Valid Fields for Currency Cross-Referencing.....	K-1
Overview of Currency Cross-Referencing	K-2
Fields Available for Cross-Referencing for Currency.....	K-3

About This Guide

This section of the guide focuses on the following information:

- Purpose of this guide
- Conventions used in this guide

Intended Audience

This guide is written for personnel who are responsible for defining requirements for and set up of Infinium JP:

- Financial users who are concerned with the translation of transactions into general ledger entries, such as staff accountants and accounting managers
- Technical users who are concerned with the integration of this and other applications, such as system administrators and information management personnel

Purpose of This Guide

The purpose of the *Infinium Journal Processor Guide to Setup and Processing* is to describe how to set up Infinium JP, work with Infinium JP menu options, and send journal entries created by several Infinium applications to Infinium General Ledger.

Organization of This Guide

This guide is part oriented. Each part contains overview information. Appendices in this guide provide you with additional reference information.

Conventions Used in This Guide

This section describes the following conventions we use in this guide:

- Fonts and Wording
- Prompt and Selection Screens

- Infinium and Corresponding Abbreviated Names

Fonts and Wording

Convention	Description	Example
[F4]	Represents a key on your keyboard.	Press [F4] to display a list from which you can select a valid entry.
<i>Menu Options and Field Names</i>	<p><i>Italics</i> typeface for a menu option or a field name.</p> <p>This guide uses the same abbreviations that the system displays on the screen.</p>	<p>Select <i>Print Appl Hist by Cash Rcpt</i> and press [Enter].</p> <p>The system enters a default value in the <i>Company code</i> field.</p>
[Quick Access Codes]	A code in brackets [] that represents a quick access code for a menu option.	Select <i>Maintain Company Controls</i> [MCC].
Data you type and System generated messages	A bold monospaced typeface for data that you type on your keyboard or for messages that the system displays on your screen.	<p>Type CA in the <i>System</i> field.</p> <p>The system displays the following message:</p> <p>Press Enter again to save your changes</p>
Select...	An instruction that tells you to choose a menu option. Position your cursor at the desired location, type any non-blank character, and then press [Enter].	<p>Select <i>Submit Autocash to Batch</i> and press [Enter].</p> <p>To select a draft session and change its information, type 2 next to the appropriate draft session and press [Enter].</p>
Menu Selection Steps	Unless otherwise stated, the steps for each task always begin at the main menu.	<p>Select <i>Control File Maintenance</i>.</p> <p>Select <i>Maintain Company Controls</i>.</p>


```

2/01/1998  9:00:00  Warehouse Security Maintenance  DMGWSM  DMDWSM

User profile . . . . . : MMTRAIN

Enter 0 to restrict access ; 1 to allow access

  Cmpy  Whse      Description
  1    IS1 ISW1  INFINIUM WAREHOUSE #1      HYANNIS      MA
  1    IS1 ISW3  INFINIUM WAREHOUSE #3      DENNIS        MA

Bottom

F3=Exit F10=QuickAccess

```

Figure 2: Warehouse Security Maintenance selection screen

Infinium and Corresponding Abbreviated Names

You may notice references to software applications that are abbreviated. Each Infinium application has a corresponding short name.

The table below shows the Infinium name and its abbreviated name.

Infinium Name	Infinium Short Name
Infinium Application Manager	Infinium AM
Infinium Application Manager Extended	Infinium AM/X
Infinium Query	Infinium QY
Infinium Query Extended	Infinium QY/X
Infinium Materials Management Suite	Infinium MM
Infinium Purchase Management	Infinium PM
Infinium Inventory Control	Infinium IC
Infinium Order Processing	Infinium OP
Infinium Electronic Exchange	Infinium EX
Infinium Journal Processor	Infinium JP
Infinium Cross Applications	Infinium CA
Infinium Process Manufacturing Suite	Infinium PR

Infinium Name	Infinium Short Name
Infinium Advanced Planning	Infinium MP
Infinium Formula Management	Infinium PF
Infinium Manufacturing Control	Infinium MC
Infinium Regulatory Management	Infinium RM
Infinium Laboratory Management	Infinium LA
Infinium Financial Management Suite	Infinium FM
Infinium General Ledger	Infinium GL

Related Documentation

For further information about the Infinium JP system, refer to the following relevant documents:

- Infinium Journal Processor Installation Details
- Infinium Materials Management/Process Manufacturing Release Notes
- *Infinium Cross Applications Guide to System Controls and Materials Maintenance*
- On-line help text

Notes

Part 1

Infinium JP: An Overview

1

The part consists of the following topics:

Topic	Page
Overview of Infinium JP	1-2
Terminology and Concepts	1-6

Overview of Infinium JP

After you complete this part, you should be familiar with the following:

- Infinium JP at a high level
- Infinium JP terminology and concepts

Infinium JP Overview

Infinium JP is a data collector that integrates Infinium IC, Infinium MC, Infinium OP, and Infinium PM to Infinium GL. During your daily business activity you perform actions that require general ledger account entries. Infinium JP is the collector of this information.

In Infinium JP, you determine exactly what information should flow to Infinium GL and what account or accounts it should target. Once everything is defined, you decide how often to send the information in Infinium JP to Infinium GL.

Most of the work in Infinium JP is in the setup. After you have defined all of the preliminary information, you must complete only a few minor steps to generate accounting entries.

This topic is an introduction to Infinium JP and contains basic information to guide you through the application. Throughout this topic you learn concepts that are pertinent to Infinium JP.

Infinium JP, in its most basic sense, is an aid to your accountants, because it generates transactions every time your inventory, costs, or sales change. It is a flexible system that allows you to translate your data into general ledger account numbers or journal entries.

Infinium JP is a data collector that performs the following two functions or actions:

- Builds general ledger account numbers
- Collects transaction data from various applications and transfers the data to Infinium GL for journal entries

Building an Account Number

For example, an application within the Infinium MM Suite needs an account number for a transaction that is taking place. The application informs Infinium JP that it needs an account, Infinium JP builds the account according the information it is given, and sends the account number to the application. The diagram below illustrates the process of building an account number.

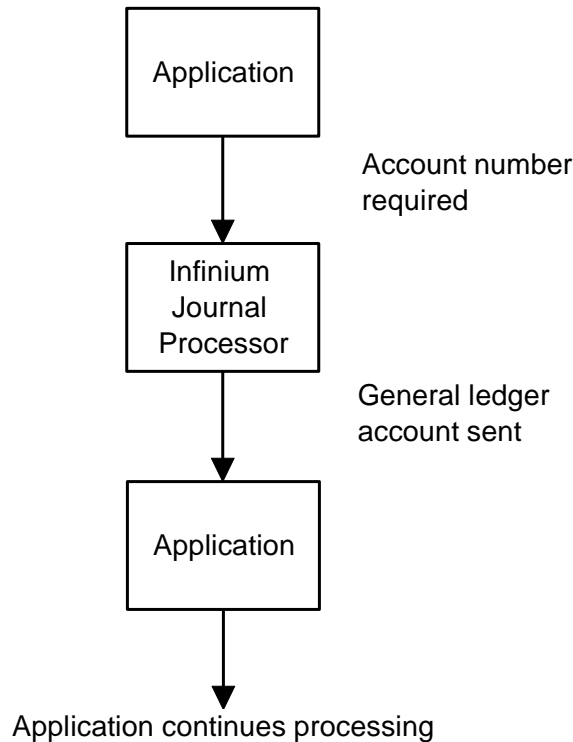


Figure 1-1: Building an Account Number

When inventory changes, cost changes, or anything else that could affect your accounting occurs, the application in which this event occurs sends that information to a file that collects this data. Infinium JP gathers the collected data and processes it according to various rules you set up.

Processing Transaction Data

If Infinium JP cannot create a valid transaction, it flags the transaction as being in error and retains it for reprocessing at a later time. Otherwise, Infinium JP sends the transaction to a transaction work file and waits to be sent to Infinium GL to process it. The diagram below illustrates normal data flow without errors.

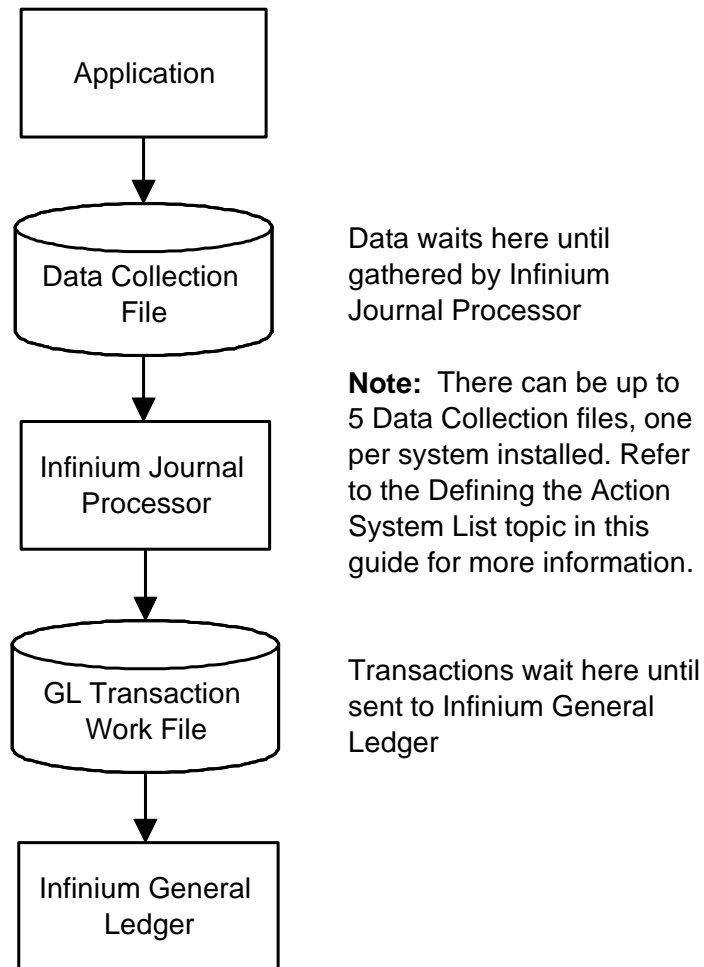


Figure 1-2: Processing Transaction Data

Infinium JP Important Points

Listed below are important points about setting up Infinium JP.

Initial Setup

- The GL Chart of Accounts should be structured with JP considerations.
- You should determine that account numbers can be resolved with information in the Infinium MM Suite before GL structure is finalized.
- Infinium JP must be set up for Infinium CA, Infinium IC, Infinium MC, Infinium OP, and Infinium PM.
- Most Journal Processor work/thinking is in the initial Infinium JP setup

- You need accounting and technical skills to most effectively set up Infinium JP
- Infinium supplies some initial set up. You must finish the set up.

Operations

Users rarely see the Journal Processor working because the Journal Processor is like a “black box.”

The most visible places to see the Journal Processor working are:

- On Requisitions, Purchase Orders, Order Entry, and some Infinium IC transactions
- When General Ledger transactions are created

Common Misunderstandings

The following are commonly misunderstood concepts:

- Costing is not part of Infinium JP. Costing is a subsystem of Infinium CA.
- Infinium JP does not post directly or indirectly to the General Ledger. Posting is done by the General Ledger system.
- Infinium JP is not part of the General Ledger system. Infinium JP is the application that connects the Infinium MM Suite to the General Ledger system.

Terminology and Concepts

This section of the guide contains Infinium Software and Infinium JP terminology and concepts you should understand before you continue. These concepts are used throughout the entire system.

Terminology

Action Code

A numeric code that represents an action point in an application program.

Action Definition

A set of criteria or rules that Infinium JP uses to construct an account number or a posting transaction. Ninety-five percent of the time you spend setting up Infinium JP is spent setting up action definitions.

Action Description

A text label describing an action definition. This label describes the scenario occurring at a specific action point.

Action Identifier

The combination of the company, program, and action code that uniquely identifies an individual action definition.

Action Point

A point within a program where data that represents an action is written. The data is used to build a journal entry. The action is a transaction that affects accounting, such as an inventory adjustment, cost change, inventory transfer, or purchase order receipt.

Account Structure

The way in which your general ledger accounts are constructed and arranged. Your account structure is defined in Infinium GL and referenced by Infinium JP.

Base Currency

Define base currency in the Infinium CA, *Work with Company Controls* option on the Base Application Information attribute. This represents the currency in which the designated GL Integration Company maintains its primary accounting entries and inventory costs.

Cross-Referencing

The process of matching a field that has been defined to Infinium JP to an action code. Use cross-referenced fields only in an action definition to resolve an account number or create a general ledger posting transaction.

Data Collection File

A file that is used to collect data from an application. Infinium JP uses the data to generate accounts and/or transactions. Individual data collection files exist for each application or group of applications that write data to Infinium JP. A main data collection file exists within Infinium JP itself.

Field

An existing field from an application that you choose to use as part of your journal entry. The field is either JP-defined or user-defined (you define and populate the field).

Infinium MM Suite

The Infinium MM Suite includes the following applications: Infinium CA, Infinium IC, Infinium PM, Infinium OP, and Infinium JP.

Infinium PR Suite

The Infinium PR Suite includes the following applications: Infinium PF, Infinium MP, Infinium RM, Infinium MC, and Infinium LA. Both the Infinium MM and Infinium PR suites use Infinium CA.

Mapping

The process of selecting the fields and their respective values that Infinium JP uses to create an account number. You also determine where each field is placed within the account structure.

Pass

An instance when Infinium JP manipulates data at an action point. There can be more than one pass at an action point. Action definitions dictate the number of passes at an action point.

The system makes a pass over the same data but formats it differently for debit, credit, statistical, or variance entries.

Reciprocal Rate Substitution

When an Infinium MM/PR application calls the Infinium CM API and sends XXX as the source currency and YYY as the target currency, Infinium CM looks for a valid exchange rate. If the system does not find a valid rate, it looks for YYY as the source currency and XXX as the target currency. If the system finds a valid rate and the *Allow Reciprocal Rate Substitution* field in exchange rate controls allows reciprocals, the system returns the reciprocal rate to the interfacing application program.

Resolving

The process of building an account number that matches an entry in your general ledger chart of accounts.

Source Infinium CM Currency (From)

This Infinium CM term describes the first of two currencies that make up an exchange rate relationship. This exchange rate relationship requires a source currency, target currency, rate type, and date.

The interfacing application converts the source currency to the target currency using the exchange rate returned from Infinium CM.

Target Infinium CM Currency (To)

This Infinium CM term describes the second of two currencies that make up an exchange rate relationship. This exchange rate relationship requires a source currency, target currency, rate type, and date.

The interfacing application converts the source currency to the target currency using the exchange rate returned from Infinium CM.

Transaction Currency

This is the currency in which you enter transactions. In the MM /PR Product suites, transaction currency represents the currency that your buyer and vendor negotiates for a purchase order in Infinium PM. In Infinium OP and Infinium IC, transaction currency is the currency that you negotiate with your customers for a sales order or a warehouse transfer.

Concepts

The Need for Infinium JP

Consider first that you have one or more applications that create and process transactions. Next, you have your general ledger system, which processes journal entries. Infinium JP allows you to translate the transactions from the applications into journal entries for the general ledger system.

JP Records

Infinium JP works with data contained in records that are referred to as JP records. The applications write their data into these JP records. Infinium JP manipulates the data into either a general ledger account number or a journal entry, depending on what you tell the system to do with the JP record.

Data Collection Files

Each application program writes JP records at the action points. The data records are collected in a file. Each file is known as a data collection file. Each application has its own data collection file in Infinium JP. Infinium JP also has its own data collection file that holds records with errors.

Fields and Cross-References

Each piece of data that an application program writes to a JP record is a field value from the application. How does Infinium JP know which fields to use?

You must specify the field values you want passed to the JP record when the system writes the record at an action point. Many fields are shared between programs within an application and sometimes between applications.

To inform Infinium JP which field to use when creating an account or a journal entry, you must perform two steps. First, specify all the fields you are going to use, regardless of program or application. This is known as the field list. Second, using that list, specify the fields within the action definitions that Infinium JP can use. Each time you specify a field within an action definition, you create a field cross-reference.

Action Codes

Each application has many different action points. Infinium has identified action points within each program by a numerical code. The number that represents an action point is known as an action code. The first action code could be 1, the second could be 11, while the third could be 101, followed by 102, and so on.

Action Identifiers

Each program could have its own Action Code 1, Action Code 2, and so on. To identify individual action points among multiple programs, you must specify both the program and the action code. Together, they are known as an action identifier.

Action Definitions

Each application writes data at an action point within a program to a JP record. Infinium JP processes these records to either build an account number or create a transaction that will become a General Ledger journal entry.

How does Infinium JP know what to do with this data? How do you tell the system what action to perform and what information to use? To identify the correct action with the correct data, the system must follow a set of rules or instructions. Each set of rules is known as an action definition.

An action definition explains what to do with a JP record from an individual action point. All companies within an application use the same programs, but each company may want to do something different with the same data. Therefore, you must create each action definition specific to each company as well as each program and action code.

The concept of an action identifier must be expanded to include the company. An action identifier now specifies company, program, and action code.

Action Definition Processing

Infinium JP handles the two basic actions differently. The difference lies in when the actions are performed:

Resolving Accounts

If an application has an account number field and interfaces with Infinium JP, the application determines if Infinium JP has an action definition to create an account number for this field.

If such an action definition exists, Infinium JP resolves the account based on the information in the action definition and the field values in the application and places it in the account number field. Look at this as an interactive exchange between the application and Infinium JP.

Creating and Processing Journal Entries

As noted above, Infinium JP builds account numbers on an individual basis whenever an application requires one. In contrast, Infinium JP builds general ledger journal entries in batches.

The system creates transactions using the data written to JP records. A transaction may include an account number that was built interactively earlier, but is now being

passed as a single value much like the other field values that are being passed to the JP record, or the account number could be built at the same time the posted transaction is created. As mentioned earlier, the JP records are stored in a data collection file.

At your discretion, start the data collector. Infinium JP gathers the records and processes each of them according to the appropriate action definition.

The results are interim transactions stored in a work file. These interim transactions are waiting to be processed to the general ledger system. Meanwhile, the original JP records that were translated into the interim transactions are written to a history file and cleared from the data collection file.

After the JP records have been sent in one batch to your general ledger system, the records are processed and you can start the whole cycle all over again.

Notes

Part 2

Defining Infinium JP Controls and Codes

2

The part consists of the following topics:

Topic	Page
Overview of Defining Controls and Codes	2-2
Setting Up Entity Controls	2-3
Overview of Company Controls	2-14
Setting Up Company Controls	2-18
Working with Code Types and Values	2-28
Defining the Proper Source Code	2-32

Overview of Defining Controls and Codes

After you complete this part, you should be familiar with the following:

- Setting Up Entity Controls
- Setting Up Company Controls
- Working with Code Types and Values
- Defining the Proper Source Code

Setting Up Entity Controls

Entity controls define the basic information and controls for the entire Infinium JP system. These controls provide default values for different areas of the system.

Use the menu path below.

- ▶ Infinium JP
- ▶ *Supervisor Menu*
 - ▼ *Work with entity controls* [WVEC]

Selecting Attributes

To define the settings you use with Infinium JP, type **2** in the *Opt* field next to the appropriate attribute and press [Enter].

To view the settings, type **5** in the *Opt* field next to the appropriate attribute and press [Enter].

1/08/1998	9:25:34	Display Data Collector Status	JPGDCI	JPDDCI
Page 1 of 1				
No changes have been made to the cross reference file since the data collector was last created.				
Last Change		Last Creation		
Date. . :	12/03/1997	Date. . :	3/18/1997	
Time. . :	19:18:05	Time. . :	9:35:25	
F3=Exit F10=Quick access				

Figure 2-1: Work with Entity Controls selection screen

The three attributes of entity controls include the following:

- General information, in which you define how Infinium JP obtains and displays error messages, the format in which the system displays dates, and other information
- Data collection options, in which you inform the system how often to collect data from the interfacing applications
- General ledger retrieval/validation information, in which you define the user exit programs the system uses to retrieve and validate data that is sent to your general ledger system

Define entity controls once, regardless of the number of companies defined in your system.

To change entity controls, you must have certain authorities. For more information, refer to the “Defining AS/400 or iSeries Authority” appendix.

Defining General Information

Use this screen to define general default information for Infinium JP.

1998/01/08	9:23:06	Work with Entity Controls	JPGEEM	JPDEMM
				Page 1 of 1
General information				
Message file	JPMSG			
Date format	1	1. Month/day/year format 2. Day/month/year format 3. Year/month/day format		
Date separator	/ +			
Date output	1	1. Numeric Month 2. Character Month		
Verify Acct system override. . . .	-	{1=Yes, 0=No, blank=actn def}		
Pass zero dollar trans. to GL . .	0	{1=Yes, 0=No}		
General Ledger System.	S2K			
Data Collector Program Library . .	JP2000070			
Data Collector File Library. . . .	JPDBET070			
F3=Exit F4=Prompt F10=Quick access F12=Cancel F18=Message line				

Figure 2-2: Work with Entity Controls General Information screen

The Message file JPMSG is the file provided by Infinium. It contains all error and informational messages that occur when errors or certain events occur. If you create another Message file for use with this system, type the name of that file in this field.

Date format, Date separator, Date output

The Date format, Date separator, and Date output fields:

- Determine how your dates are displayed in the upper left-hand corner of your screen
- Should match the date formatting you use in other Infinium applications

Verify Acct system override

Use this field to set up a system-wide override of account number validation as defined in your action definitions.

Validate Account Number

To validate account numbers in Infinium GL through an action definition, use the *Validate Account Number* field in the *Work with action definitions* option.

Valid entries for this field are:

- | | |
|---|---|
| 0 | No, do not verify account numbers. This value overrides any value you type in the <i>Validate Account Number</i> field. |
| 1 | Yes, verify account numbers. This value overrides any value you type in the <i>Validate Account Number</i> field. |

blank You determine whether or not to verify account numbers using the *Validate Account Number* field in the action definition.

If you do not validate account numbers using either this field or the action definitions, you might send invalid account numbers to Infinium GL.

If you have account number errors after you start the processor and do not know how to correct them, you can change the *Verify Acct system override* field to **0**. The system allows invalid accounts to be sent to Infinium GL. You then correct the errors in Infinium GL.

Pass zero dollar trans to GL

Use this field to allow the system to send transactions with a zero dollar amount to your general ledger system.

Type **1** to allow zero transactions; otherwise, type **0** in this field.

General Ledger System

Use this field to indicate whether you are using Infinium GL.

If you do not use Infinium GL, you must perform the following:

- Define your general ledger system within the General Information attribute of the *Work with entity* option
- Define account structure within the *Work with company* option
- Create a validation program similar to JPAPI11
- Create your own version of the *Generate GL Batches* option

Data Collector Program Library

This field indicates the program library in which Infinium JP places programs that it creates when it processes application data.

Data Collector File Library

This field indicates the library in which Infinium JP places files that it creates when it processes application data.

The system creates the default values for the *Data Collector Program Library* and *Data Collector File Library* fields during the installation process.

When you have defined the values for the fields in the Work with Entity Controls General Information screen, press [Enter].

See the “Building/Rebuilding the JP Subsystem” topic in this section for more information.

Defining Data Collection Options

Use this screen to define how and when you want Infinium JP to collect data. These controls work in conjunction with the options *Start data collector* and *End & Display Data Collector*.

```
1998/01/08  9:24:06      Work with Entity Controls      JPGEMM      JPDEMM

-----
Data Collection Options                                     Page 1 of 1

Number of collector programs to run . .  2
Never ending job option . . . . . 1
Delay job interval . . . . . 30

-----
F3=Exit F10=Quick access F12=Cancel F18=Message line
```

Figure 2-3: Data Collection Options screen

You can set the controls to collect data in one of two ways:

- As a batch job that you run at your own discretion
- As a never-ending job in which Infinium JP collects data constantly

If you collect data as a batch job, Infinium JP makes one pass at moving all JP records from the application data collection files to the JP Data Collector when you select the *Start data collector* option.

If you collect data as a never-ending job, Infinium JP executes the same process as described in the previous paragraph; however, after it has collected all the records, it sits idle for a certain amount of time and begins the loop again. The system continues to run until you select the *End & Display Data Collector* option and terminate the processor.

Number of collector programs to run

Use this field to indicate the number of data collectors to use to process transaction information. Under normal circumstances, type **2** in this field to use two data collectors.

If the single data collector cannot process the data sufficiently due to the volume of information, type a value up to **9** to use more than one data collector.

See the Infinium JP Data Flow diagram in the “Starting and Ending the Data Collector” part for more about the information in the *Number of collector programs to run* field.

Never ending job option

To collect data constantly, type **1** in this field. To collect data as a batch job at your discretion, type **0** in this field.

Delay job interval

Use this field only when you type **1** in the *Never ending job option* field.

If you type **1** in the *Never ending job option* field, you must determine the time interval that Infinium JP waits to collect data again. Use the *Delay job interval* field to define the time delay between data collection runs.

Infinium JP measures the time delay in seconds. If you leave this field blank, the system inserts a default value of 30 seconds.

If you type **0** in the *Never ending job option* field, you must type **1** in the *Number of collector programs to run* field and **0** in the *Delay job interval* field.

Defining Exit Programs

Use this screen to define the exit programs Infinium JP uses for validation and information retrieval.

1998/01/08	9:24:42	Work with Entity Controls	JPGEMM	JPDEMM
				Page 1 of 1
Exit Programs for Validation				
GL company	JPGAPT11			
GL account number. .	JPGAPT11			
Company Record . . .				
Exit Programs for Information Retrieval				
GL Control record. .	JPGAPT11			
Company Record . . .	JPGAPT11			
F3=Exit F10=Quick access F12=Cancel F18=Message line				

Figure 2-4: Validation and Information Retrieval screen

If you use Infinium GL, type the program names that appear on the screen above in the appropriate fields on your system.

If you use another general ledger system, type the appropriate program names in the fields on this screen.

Exit Programs for Validation

Use the *Exit Programs for Validation* fields to specify the programs that verify that the company codes, general ledger account numbers, and company descriptions exist in another system.

Exit Programs for Information Retrieval

Use the *Exit Programs for Information Retrieval* fields to specify the programs that retrieve general ledger and company description information from another system.

GL Control record

Use the *GL Control record* field to identify the program used to retrieve information about the general ledger system's account length, account structure, and break character.

If you do not use Infinium GL as your general ledger system, you must perform the following:

- Type **OTH** in the *General Ledger System* field on the General Information screen within the *Work with entity controls* option
- Define your account structure within the *Work with company* option

- Create an account number generation program and an account number validation program similar to JPGAPI11
- Infinium recommends that you use the API programs listed above as a template for your programs. You must ensure that you use the same format for your parameters, variables, and so on.
- Create your own version of the *Generate GL Batches* option

Building/Rebuilding the Journal Processor Subsystem

The JP runs in a subsystem when creating posting transactions from application data collector records. The subsystem defines or redefines itself when you exit the supervisor controls (press [F3] to exit and save).

The subsystem becomes JPSUBxxx (where xxx is the version number). The subsystem does not become active until you select the *Start data collector* option. The subsystem remains active until you select the *End & Display Data Collector* option or until the subsystem processes all records (if in batch mode).



WARNING

Do not attempt to define, start, or stop this subsystem other than by using the Infinium JP options or the subsystem will not function properly.

Displaying the Data Collection Status

The *Display data collection status* option displays the dates when the Data Collector files were created and most recently created. Uncreated files will show dates of January 01, 1900.

Use the menu path below.

- ▶ Infinium JP
- ▶ *Supervisor Menu*
 - ▼ *Display data collection status* [DDCS]

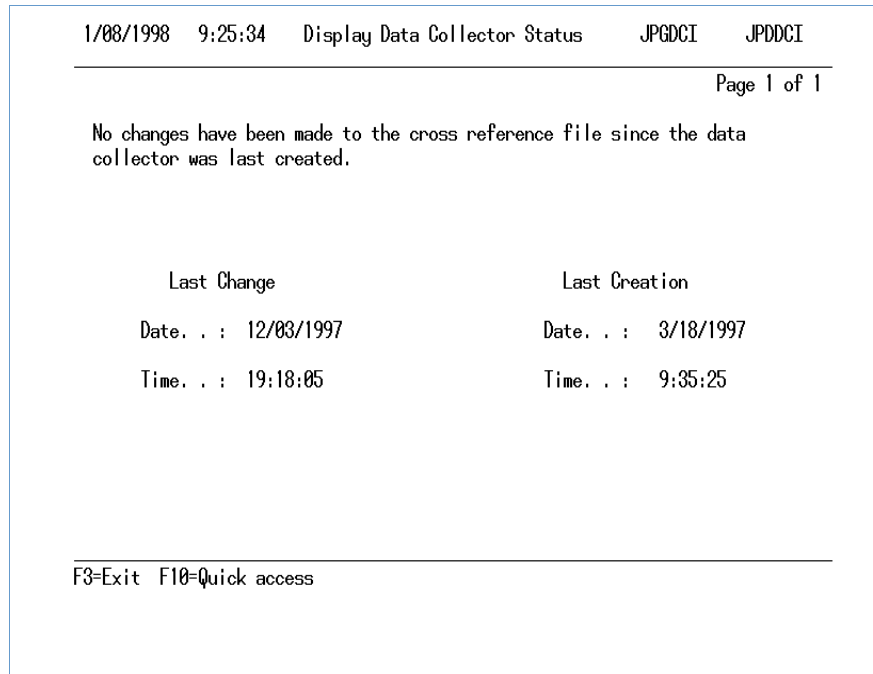


Figure 2-5: Display Data Collector Status screen

This screen displays the date that the last changes were made to the Data Collector file and also the last creation date of the file.

Creating/Recreating the Data Collection File

Use the *Create data collection files* option to create or recreate the Data Collection file.

Caution: Before you create the Data Collector, you must stop your costing job queues.

Use the menu path below.

- ▶ Infinium JP
- ▶ *Supervisor Menu*
 - ▼ *Create data collection files* [CDCF]

7/15/1998 14:25:21	Create Data Collection Files	JPGDCP	JPDDCP
			Page 1 of 1
Please verify Create process.			
Execute creation	0	1=Yes, 0=No	
Automatically recompile programs.	0	1=Yes, 0=No	
F3=Exit F10=Quick access F12=Cancel F18=Message line			

Figure 2-6: Create Data Collection Files screen

Use the *Execute creation* field to begin the file creation process. You can type one of the following values:

- 0 Do not create the Data Collection files
- 1 Create the Data Collection files

Type **1** in the *Automatically recompile programs* field to recompile the Infinium MM and Infinium PR programs that write Infinium JP transactions.

If you type **1** in the *Execute creation* field and **1** in the *Automatically recompile programs* field, the system first recreates the Data Collection files, and then recompiles the programs.

The *Execute creation* and *Automatically recompile program* fields are independent. You can perform one function without the other.

The submitted jobs will automatically go on hold. You must release the jobs to continue.

If you need to manually recompile these programs, perform the following steps:

- 1 Select *Definition & Field Reports* from the Infinium JP main menu.
- 2 Select Print action program list.
- 3 Press [Enter] to submit the report.
- 4 Recompile the following:

- ICGMA, ICGITA and ICGIAB along with the appropriate library list if you have Infinium IC
- PMGACM1, PMGPSX, PRGGLI and PMGEDT, along with the appropriate library list if you have Infinium PM
- Any program on the Print Action Program list that is associated with an Infinium application you have installed
- JPGXGL, along with the appropriate library list, if you use the Infinium JP to GL Walkback

Overview of Company Controls

Company controls contain information specific to a particular company in your Infinium JP system. Because Infinium JP interfaces with several other applications, the following section explains the relationship between Infinium JP companies and companies from the other applications.

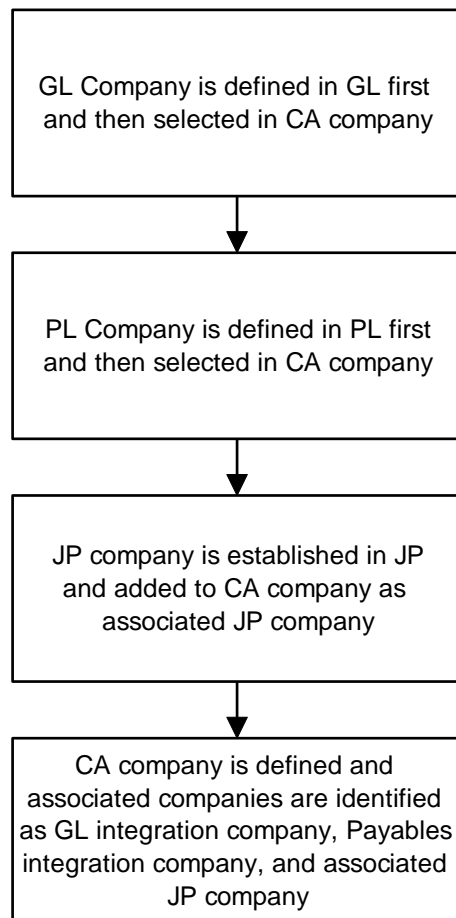


Figure 2-7: Company Setup Sequence

Company Relationships

The characteristics and relationships of companies in Infinium JP and other applications are listed below. The Company Relationships across Products diagram illustrates these points.

- Companies in the Infinium MM and Infinium PR product suites are defined in Infinium CA.
- Companies in Infinium JP are defined in Infinium JP.
- Companies in Infinium GL are defined in Infinium GL.
- Multiple Infinium CA companies are associated with one Infinium GL company.
- Multiple Infinium CA companies are associated with one Infinium JP company.
- One Infinium JP company is associated with one Infinium GL account structure (see note below).
- Company names in Infinium CA, Infinium JP, and Infinium GL do not have to match.
- One or more Infinium CA companies can send transactions to one Infinium GL company to accomplish your organization's financial business requirements.

The Infinium CA company now makes the link to the Infinium GL company. The Infinium JP company only identifies the Infinium GL account number structure.

Infinium CA Company	Infinium GL Company	Account Structure
If CA1	is linked to GL1	xxx-xxx
If CA2	is linked to GL2	xxx-xxx
If CA3	is linked to GL3	xxx-xxxxx

The Infinium CA companies CA1 and CA2 can use the same Infinium JP company because the Infinium GL account structure is the same.

Company Relationships across Products

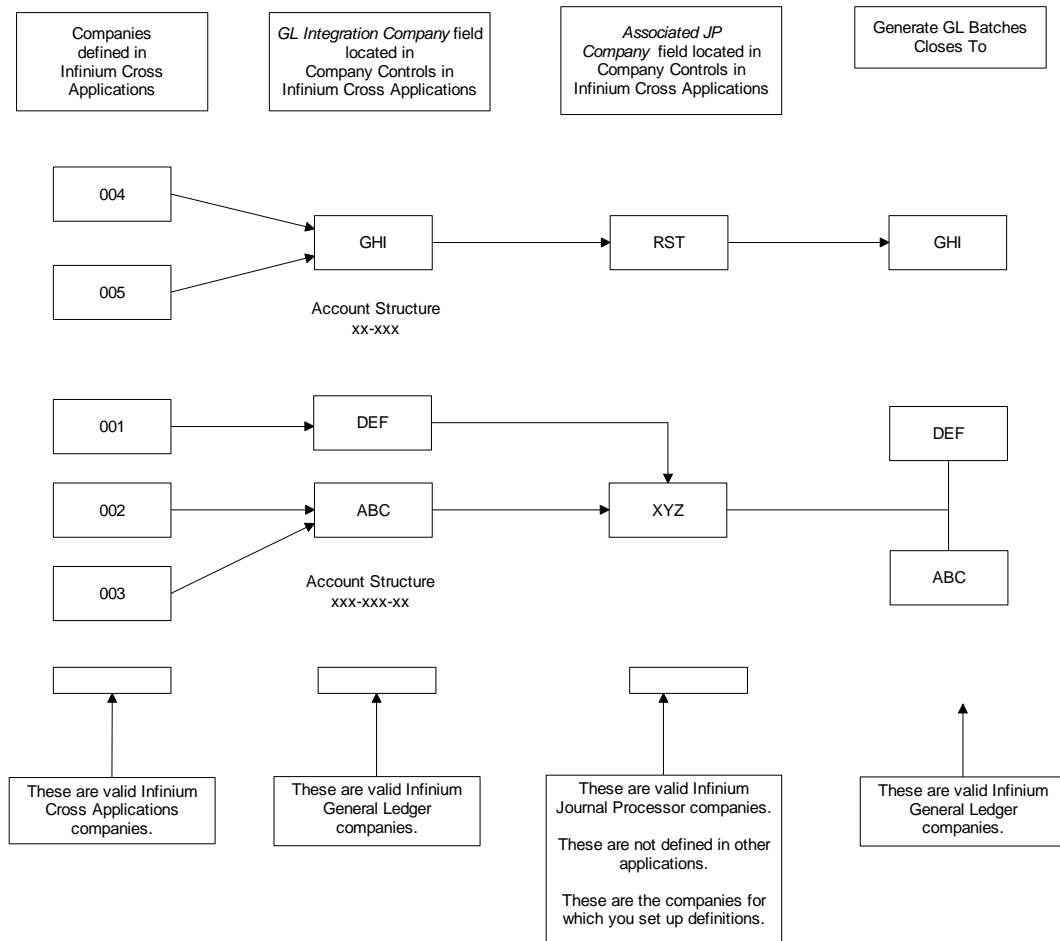


Figure 2-8: Company Relationships across Products

In reference to the Company Relationships across Products diagram, the following is an explanation of the company characteristics and relationships:

- Infinium CA companies 004 and 005 are associated with the Infinium GL company GHI. The value of the *GL Integration Company* field is **GHI** in the company controls for each company.
- Infinium CA companies 004 and 005 are associated with the Infinium JP company RST. The value of the *Associated JP Company* field is **RST** in the company controls for each company.
- Both companies 004 and 005 use the action definitions defined in Infinium JP company RST to build account numbers and create journal entry transactions because their Infinium GL account structure is the same.
- When the Infinium JP *Generate GL Batches* option is executed, the system closes the batches to the Infinium GL company identified in the *GL Integration Company* field in Infinium CA (in this case **GHI**).

- Infinium CA company 001 is associated with the Infinium GL company DEF and the Infinium CA companies 002 and 003 are associated with the Infinium GL company ABC. The values of the *GL Integration Company* fields are **DEF** and **ABC** in the company controls for the specific company.
- Infinium CA companies 001, 002 and 003 are associated with the Infinium JP company XYZ. The value of the *Associated JP Company* field is **XYZ** in the company controls for each company.
- All three companies 001, 002 and 003 use the action definitions defined in Infinium JP company XYZ to build account numbers and create journal entry transactions because their Infinium GL account structure is the same.
- When the Infinium JP *Generate GL Batches* option is executed, the system closes the batches to the Infinium GL company identified in the *GL Integration Company* field in Infinium CA (in this case **DEF/ABC**).

Setting Up Company Controls

Associating a Journal Processor Company with an Infinium GL Company

This section of the guide explains how you set up a company in Infinium JP and how to associate this company with an Infinium GL account structure.

To add this type of company, you must have the *General Ledger System* field set to **S2K** in the Infinium JP Entity controls.

Use the menu path below.

- ▶ Infinium JP
- ▶ *Control Files*
 - ▼ *Work with company controls* [WWCC]

```
1/14/1998 12:57:33      Work with Company Controls      JPGCCM      JPDCCM
-----
Company code . . . _IS3 +
Type options, press Enter.
  2=Change  5=Display
Opt Attribute
- Account structure
- Exit programs

-----
F3=Exit F4=Prompt F6=Add F10=Quick access F24=More keys
```

Figure 2-9: Work with Company Controls prompt screen

To define a new company, type the new Company code in the *Company code* field and press [F6] to display the Adding an Infinium GL Company screens.

1/14/1998 12:59:39	Work with Company Controls	JPGCCM	JPDCCM
			Page 1 of 1
Chart of Account Number Structure			
Account template company . . . : <u>001</u> +			
Account length :			
Account template :			
F3=Exit F4=Prompt F10=Quick access F12=Cancel F18=Message line			

Figure 2-10: Adding an Infinium GL Company screen

Use this screen to associate the Infinium JP company with an existing Infinium GL company. When you associate these two companies, you are establishing for Infinium JP the account structure that will be used when building Infinium GL accounts for this Infinium JP company.

If the Infinium GL companies ABC and DEF have the same account structure, they can both use the same Infinium JP company.

Type the company you want to associate with in the *Account template company* field, or you can press [F4] to display a list of valid Infinium GL companies.

When you press [Enter], the system automatically populates the *Account length* and *Account template* fields with information from the Infinium GL company you selected.

1/14/1998 12:59:39	Work with Company Controls	JPGCCM	JPDCCM
Page 1 of 1			
Chart of Account Number Structure			
Account template company . . . : 001 +			
Account length : 20			
Account template : XXX-XXX-XXX-XXXX-XXX			
F3=Exit F4=Prompt F10=Quick access F12=Cancel F18=Message line			

Figure 2-11: Adding an Infinium GL Company screen

Press [F3] to exit and save your changes.

Associating a Journal Processor Company with a non-Infinium GL Company

This section of the guide explains how you set up a company in Infinium JP and how to associate this company with a non-Infinium GL account structure.

To add this type of company, you must have the *General Ledger System* field set to **OTH** in the Infinium JP Entity controls.

Use the menu path below.

- ▶ Infinium JP
- ▶ Control Files
 - ▼ Work with company controls [WWCC]

1/14/1998	12:57:33	Work with Company Controls	JPGCCM	JPDCCM
-----------	----------	----------------------------	--------	--------

Company code . . . IS3 +

Type options, press Enter.
 2=Change 5=Display

Opt Attribute
 _ Account structure
 _ Exit programs

F3=Exit F4=Prompt F6=Add F10=Quick access F24=More keys

█

Figure 2-12: Work with Company Controls prompt screen

To define a new company, type the new Company code in the *Company code* field and press [F6] to display the Adding a Non-Infinium GL Company screen.

1/14/1998	13:03:23	Work with Company Controls	JPGCCM	JPDCCM
-----------	----------	----------------------------	--------	--------

Page 1 of 1

Chart of Account Number Structure

Account length: ____
 Account template: _____

F3=Exit F4=Prompt F10=Quick access F12=Cancel F18=Message line

█

Figure 2-13: Adding a Non-Infinium GL Company screen

Use this screen to associate this Infinium JP company with a non-Infinium GL company. Complete the *Account length* and *Account template* fields with the

appropriate information. When Infinium JP is building General Ledger accounts, it builds them to the structure defined in the *Account length* and *Account template* fields.

Press [F3] to save your entries.

```
1/14/1998 13:04:42      Work with Company Controls      JPGCCM      JPDCCM
                                                                    Page 1 of 1

Exit Programs for Non-S2K GL Validation

GL control record. . . _____
Application company. . . _____
GL account number . . . _____

Exit Programs for Non-S2K GL Information Retrieval

GL control record. . . _____
Application company. . . _____

F3=Exit F10=Quick access F12=Cancel F18=Message line
```

Figure 2-14: Work with Company Controls Exit Programs screen

This screen displays if you select the Exit Programs attribute on the Prompt screen. Use the information on this screen only if you are adding a non-Infinium GL company.

See the “Setting Up Entity Controls” topic for more information about how these exit programs work.

Changing an Associated Infinium JP Company

You can change an Infinium JP company as long as it does not have any action definitions established.

Use the menu path below.

- ▶ Infinium JP
- ▶ *Control Files*
 - ▼ *Work with company controls* [WWCC]

1/14/1998	13:07:19	Work with Company Controls	JPGCCM	JPDCCM
-----------	----------	----------------------------	--------	--------

Company code . . . IS1 +

Type options, press Enter.
2=Change 5=Display

Opt Attribute
2 Account structure
_ Exit programs

F3=Exit F4=Prompt F6=Add F10=Quick access F24=More keys
Account structure maintenance not allowed ...

Figure 2-15: Work with Company Controls prompt screen

To change a company, complete the *Company code* field, type **2** in the *Opt* field to select *Account structure*, and then press [Enter].

If you type **2** to select the *Account structure* attribute once an action definition is established and the *General Ledger System* field is set to **S2K**, the system displays the following message at the bottom of the Work with Company Controls prompt screen:

Account structure maintenance not allowed.

This message displays regardless of whether the company is associated with an Infinium GL company.

1/14/1998 13:09:17	Work with Company Controls	JPGCCM	JPDCCM	
				Page 1 of 1

Chart of Account Number Structure

Account template company . . . : 001 +

Account length : 20

Account template : XXX-XXX-XXX-XXXX-XXX

F3=Exit F4=Prompt F10=Quick access F12=Cancel F18=Message line

█

Figure 2-16: Changing an Account Number Structure screen 1

This screen displays with the company and account structure information for the company you entered on the Prompt screen.

Type the Company code that you want to change this account to in the *Account template company* field and press [Enter].

1/14/1998 13:09:17	Work with Company Controls	JPGCCM	JPDCCM
			Page 1 of 1
Chart of Account Number Structure			
Account template company . . . :		900 +	
Account length :		8	
Account template :		XXX-XXXX	
F3=Exit F4=Prompt F10=Quick access F12=Cancel F18=Message line			

Figure 2-17: Changing an Account Number Structure screen 2

This screen displays the changed account structure information. When you press [F3] to exit and save your changes, company IS1 will have this new account structure information.

Deleting an Associated Infinium JP Company

Delete an Infinium JP company as long as it does not have any action definitions established.

Use the menu path below.

- ▶ **Infinium JP**
- ▶ *Control Files*
 - ▼ *Work with company controls [WWCC]*

1/14/1998 13:45:30	Work with Company Controls	JPGCCM	JPDCCM
--------------------	----------------------------	--------	--------

Company code . . . IS1 +

Type options, press Enter.
 2=Change 5=Display

Opt Attribute
 - Account structure
 - Exit programs

F3=Exit F4=Prompt F6=Add F10=Quick access F24=More keys

Figure 2-18: Work with Company Controls prompt screen

Complete the *Company code* field with the company you want to delete and press [F22].

If you try to delete a company that has action definitions and an Infinium GL company assigned to it, the system displays a message indicating that the company is not allowed to be deleted.

Cross Applications Company Definition

You must define the connection between the Infinium CA company and an Infinium JP company.

Use the menu path below.

- ▶ Infinium CA
- ▶ *Control Files*
 - ▼ *Work with company controls* [WWCOC]

The system displays this screen when you select the *GL integration information* attribute for this Infinium CA company.

1/12/98	14:42:29	Work with Company Controls	PRGCCOM	PRDCCOM
GL Integration Information				
Company	:	IS1	INFINIUM SOFTWARE (INSTRUCTOR)	
Associated JP Company	:	IS1 +	GL Company . . .	001
G/L Plant	:		GL Currency . . .	USD
G/L Warehouse	:			
Partial Account Numbers				
Raw Material Inventory	:	000000000000		
Raw Material Count Variance	:	000000000000		
Raw Material Revaluation	:	000000000000		
Finished Goods Sales	:	000000000000		
Finished Goods Cost of Goods Sold	:	000000000000		
Finished Goods Inventory	:	000000000000		
Finished Goods Count Variance	:	000000000000		
Finished Goods Revaluation	:	000000000000		
Sales Discount	:	000000000000		
Unvouchered Payables	:	000000000000		
Purchase Price Variance	:	000000000000		
Manufacturing Usage Variance	:	000000000000		
F2=Function keys F3=Exit F4=Prompt F10=QuikAccess F24=More keys				

Figure 2-19: GL Integration Information screen

Company, Associated JP Company

The *Company* field at the top displays the Infinium CA company. Associate this company with Infinium JP by specifying the applicable Infinium JP company in the *Associated JP Company* field.

Partial Account Numbers

Use the *Partial Account Numbers* fields on this screen in the appropriate Infinium JP action definitions.

The retrieval hierarchy for these *Partial Account Numbers* fields follows the Infinium CA item/warehouse, warehouse, company, and entity hierarchy.

See the “Partial Account Fields” appendix in this guide for a listing of all partial accounts.

GL Company

This field displays the company you define to link to this Infinium CA company.

GL Currency

This field displays the currency associated with the Infinium GL company that displays in the *GL Company* field.

Working with Code Types and Values

Infinium JP uses code types and code values to validate information you type in specific fields.

- Code types refer to fields for which you define input.
- Code values refer to input that is acceptable in those fields.

Caution: Infinium provides you with a standard set of code types and values. Do not change any codes types or code values with the exception of POP code values. If you change anything other than POP, your system may be adversely affected.

If you plan to add code types, be sure to make the appropriate changes to your database and program logic to support the new code types.

Use the menu path below.

- ▶ Infinium JP
- ▶ *Control Files*
 - ▼ *Work with code files [WWCF]*

Defining or Updating Code Values

Type **12** next to the code type for which you are going to define or update code values and press [Enter].

8/11/1998 10:53:56

Work with Code Files

JPGCTM

JPDCTM

Position to . . .

System designator . _

Code type . . _

Type options, press enter.
2=Change 4=Delete 5=Display 12=Work with code values

Search _

Opt	Code type	Code type description	Active	System	Source
12	POP	Program Debug Options	1		0
_	PRG	Jp Programs to Compile	1		0
_	DFT	JP Default Values	1	JP	0
_	SEP	Date	1	JP	0
_	SLB	Summary level breaks	1	JP	1

F3=Exit

F5=Refresh

F6=Add New Type

F10=Quick access

F24=More keys

24-79

SA

MW

KS

CL

IM

DM

II

WHQ421

KB

S2KCTLS1

Figure 2-20: Code Types selection screen

Source
If the *Source* field is **1**, the code type is system-defined. If the value is **0**, the code type is user-defined.
See the “Debugging Errors” appendix in this guide for information about the code type POP.

Maintaining Code Values

To add a new code value, type an entry in the *Code Value* field. Make this code value company-specific by typing a valid entry in the *Company* field.

```

8/11/1998 11:10:49      Code Value Maintenance      JPGCVN      JPDVCN
-----
Code type . . . . : POP Program.Debug.Options.....
Position to . . . . Code Value . _____
                    Company . . . _____ +
Type options, press enter.
2=Change 4=Delete 5=Display
----- S e a r c h -----
Opt API Program Name . .      Company Company . . . . . Active
2  JPGAPI10
-  JPGDCS1                      VMS                      0
                                           0

F3=Exit F4=Prompt F5=Refresh F6=Add F24=More keys

24-78  SA  MW  KS  CL IM DM II  WHQ421  KB  S2KCTLS1

```

Figure 2-21: Code Value selection screen

Press [F6] when you have completed the appropriate fields.

You can also select a code value to update, delete, or view. Type the appropriate option number in the *Opt* field next to the code value and press [Enter].

Use caution when you delete a code value. Do not delete a code that you are currently using anywhere in the system.

If you type **2** next to a code value and press [Enter], the following screen displays.

Defining Code Values

8/11/1998 11:10:49	Code Value Maintenance	JPGCVN	JPDCVN
Code type : POP Program.Debug.Options.....			
Company number : _____			
Active code type . . . : 0 (0. Inactive, 1. Active)			
API Program Name . . : <u>JPGAPI10</u>			
Company : <u>INEL</u>			
Program : <u>PMGPRM1</u>			
Action Code : _____			
F3=Exit F4=Prompt F10=Quick access F12=Cancel F18=Message line			
24-79	<u>SA</u>	MW	<u>KS</u> CL IM DM II WHQ421 KB S2KCTLS1

Figure 2-22: Code Value Maintenance screen

Change the code value by making the following entries:

- Type a company in the *Company number* field to make this code value company-specific. If you leave this field blank, the code value is valid for all companies in your Infinium JP system.
- Indicate whether the code value is active. The system cannot validate an inactive code value.
- Type a code value.
- Type a description for the code value.

If you are creating a new code value, press [Enter] to save your entries. The system clears all fields on the screen and you can enter another code value.

If you are updating an existing code value, press [F3] to return to the Code Value selection screen.

Defining the Proper Source Code

Before creating batches in Infinium GL, you must ensure that code type **SRC** (source code) has the proper code value defined in Infinium GL. The source code informs Infinium GL where the batch originates.

Use the menu path below.

- ▶ Infinium GL
- ▶ *Control File Functions*
- ▶ *Codes*
 - ▼ *Work with code values [WWCV]*

Defining the Source Code

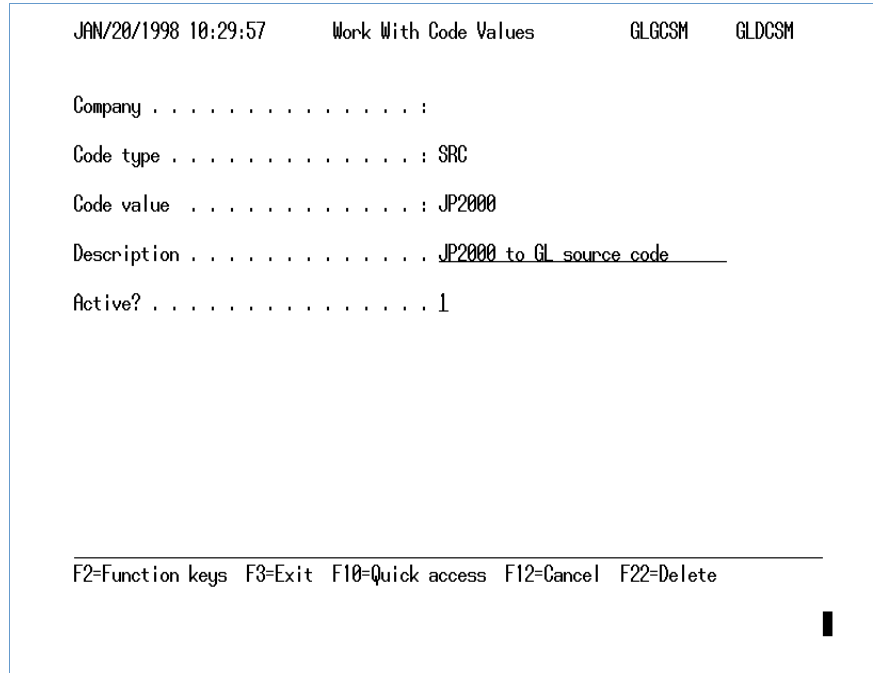
Complete the *Code type* and *Code value* fields as shown below and press [Enter].

JAN/20/1998 10:29:20	Work With Code Values	GLGCSM	GLDCSM
Company ____ +			
Code type SRC +			
Code value JP2000 ____ +			
F2=Function keys F3=Exit F4=Prompt F10=Quick access			

Figure 2-23: Work with Code Values screen 1

Describing the Source Code

Type a description of the source code in the *Description* field and complete the screen using the information below.



The screenshot shows a terminal-style interface for the 'Work With Code Values' screen. At the top, it displays the date and time 'JAN/20/1998 10:29:57' and the title 'Work With Code Values'. To the right are two user identifiers: 'GLGCSM' and 'GLDCSM'. Below this, several fields are listed with their current values: 'Company' is blank, 'Code type' is 'SRC', 'Code value' is 'JP2000', 'Description' is 'JP2000 to GL source code', and 'Active?' is '1'. At the bottom, a horizontal line separates the main fields from a footer containing function key definitions: 'F2=Function keys', 'F3=Exit', 'F10=Quick access', 'F12=Cancel', and 'F22=Delete'. A small black cursor bar is visible on the right side of the screen.

```
JAN/20/1998 10:29:57      Work With Code Values      GLGCSM      GLDCSM

Company . . . . . :
Code type . . . . . : SRC
Code value . . . . . : JP2000
Description . . . . . : JP2000 to GL source code
Active? . . . . . : 1

F2=Function keys  F3=Exit  F10=Quick access  F12=Cancel  F22=Delete
```

Figure 2-24: Work with Code Values screen 2

Active?

Type **1** in the *Active?* field to indicate that this source code can be used.

Press [Enter].

Notes

Part 3

Setting Up Preliminary Information

3

The part consists of the following topics:

Topic	Page
Overview of Setting Up Preliminary Information	3-2
Defining the Action System List	3-3
Defining Action Descriptions	3-5
Understanding the Use of Fields and Cross-References	3-8
Working with Fields	3-12
Cross-Referencing Fields to Action Codes	3-18
Procedure Following Field Cross-Reference Changes	3-27

Overview of Setting Up Preliminary Information

After you complete this part, you should be familiar with:

- Defining the action system list
- Defining action descriptions
- Understanding the use of fields and cross-references
- Working with fields
- Cross-referencing fields to action codes
- Adding a field cross reference

Infinium has already set up the preliminary information for you in the test database that is shipped with Infinium JP. However, you should know how to add or change this information if the need arises.

Defining the Action System List

The action system list identifies the systems that send data to Infinium JP.

Follow the path below.

- ▶ Infinium JP
- ▶ *Action Processing*
 - ▼ *Work with action system list [WWASL]*

1/12/1998 15:28:16		Work with Action System List		JPGASM	JPDASM
Update System List, press Exit					Page 1 of 1
System List					
CA	—	—	—	—	—
IC	—	—	—	—	—
MC	—	—	—	—	—
QP	—	—	—	—	—
PM	—	—	—	—	—
F3=Exit F10=Quick access F12=Cancel F18=Message line					
+					

Figure 3-1: Work with Action System List screen

Action System List Information

Infinium JP recognizes:

- | | |
|-----------|-------------|
| CA | Infinium CA |
| IC | Infinium IC |

MC	Infinium MC
OP	Infinium OP
PM	Infinium PM

These are the only valid indicators for the action system list.

Press [F3] to exit and save your entries.

Defining Action Descriptions

Action descriptions are text labels that depict the activity occurring at an action code.

Note: See the “System Codes and Corresponding Programs” appendix in this guide for a complete list of programs and their descriptions.

Follow the path below.

- ▶ Infinium JP
- ▶ *Action Processing*
 - ▼ *Work with action description [WWADS]*

1/12/98 15:29:29 Work with Action Description JPGACM JPDACM

Type option(s) and press Enter
4=Delete 5=Display

Opt	System	Program	
—	CA	PCR020	MATERIAL COSTING
—	CA	PCR630	COPY COST TYPE TO OTHER COST
—	IC	ICGCAD2	ABWAC COST ADJUSTMENT
—	IC	ICGGLT	"COMPLETE" TRANSFER ORDERS
5	IC	ICGIAD	INVENTORY ADJUSTMENTS
—	IC	ICGIRP	INVENTORY REPACKAGING
—	IC	ICGIRR	ISSUE/RETURN REQUISITION
—	IC	ICGITF	INVENTORY TRANSFER
—	IC	ICGPIPM	PHYSICAL INVENTORY POSTING
—	IC	ICGRTO	RECEIVE TRANSFER ORDERS
—	IC	ICGSTO	SHIP TRANSFER ORDERS
—	IC	INR04B	POST RECEIPTS IC PURCHASES

More...

F3=Exit F6=Add F10=Quick access F12=Cancel F18=Message line

Figure 3-2: Work with Action Description selection screen

Type one of the following values in the *Opt* field:

- | | |
|---|--|
| 4 | Delete all action descriptions within a program name |
|---|--|

- 5 Work with (change, display, or delete) individual action descriptions within a program name

To add an action description for a new action code, press [F6].

Maintaining Action Descriptions

The system displays this screen if you type **5** in the *Opt* field on the Work with Action Description selection screen.

1/12/98	15:31:32	Work with Action Description	JPGACM	JPDACM
System ... IC Program ... ICGIAD Type option(s) and press Enter. 2=Change 4=Delete 8=Display Action				
Opt	Code	Description		
2	001	RAW MATERIAL - ACCOUNT NUMBER DEFINITION - ADJUSTMENT ACCOUNT MENU: WORK WITH INVENTORY ADJUSTMENTS		
-	011	PRODUCT - ACCOUNT NUMBER DEFINITION - ADJUSTMENT ACCOUNT MENU: WORK WITH INVENTORY ADJUSTMENTS		
-	101	RAW MATERIAL INVENTORY TRANSACTIONS - NEGATIVE ADJUSTMENTS (DECREASE) MENU: WORK WITH INVENTORY ADJUSTMENTS (CODES: 21,55,57,61,63,65,67,69)		
-	102	RAW MATERIAL INVENTORY TRANSACTIONS - POSITIVE ADJUSTMENTS (INCREASE) MENU: WORK WITH INVENTORY ADJUSTMENTS (CODES: 20,54,56,60,62,64,66,68)		
-	103	RAW MATERIAL INVENTORY TRANSACTIONS - DECREASE IN-TRANSIT MENU: WORK WITH INVENTORY ADJUSTMENTS (INVENTORY TRANSACTION CODE 53)		
-	104	RAW MATERIAL INVENTORY TRANSACTIONS - INCREASE IN-TRANSIT MENU: WORK WITH INVENTORY ADJUSTMENTS (INVENTORY TRANSACTION CODE 52)		
		More...		
F3=Exit F6=Add F10=Quick access F12=Cancel F18=Message line				

Figure 3-3: Work with Action Description screen 1

Type one of the following values in the *Opt* field:

- 2 Change an action description
- 4 Delete a particular action description
- 6 Display an action description

You cannot delete an action description if fields are cross-referenced to it or action definitions refer to it.

After you type a value in the *Opt* field, press [Enter] to continue to the next screen.

To add an action description for a new action code, press [F6].

Additional Action Descriptions Information

The system displays the above screen if you type **2** in the *Opt* field on the Work with Action Description screen 1.

```
1/12/98  15:31:55          Work with Action Description  JPDACM  JPDACM
-----
System . . . . . IC
Program. . . . . ICGIAD
Action Code. . . . . 1
Action Description . . . .
    RAW MATERIAL - ACCOUNT NUMBER DEFINITION - ADJUSTMENT ACCOUNT
    MENU: WORK WITH INVENTORY ADJUSTMENTS
-----
F3=Exit F4=Prompt F10=Quick access F12=Cancel F18=Message line
```

Figure 3-4: Work with Action Description screen 2

The first line of the action description indicates whether it resolves an account or generates a posting entry. The second line indicates the menu option in which the action occurs.

If you add an action description by pressing [F6] from one of the two previous screens:

- The system displays the above screen with no field values. You must type entries in each field.
- Infinium JP verifies the value you type in the *System* field against the list you defined in the *Work with action system list* option.

Refer to the “System Codes and Corresponding Programs” appendix for more information about system codes.

Understanding the Use of Fields and Cross-References

In order for Infinium JP to perform a function at an action point, it must use data from fields within the application. How does Infinium JP know which fields from the applications to use? What types of fields are they? How long are the fields?

You make a list of fields from every application that works with Infinium JP. Additionally, many fields are shared between programs within an application and sometimes between applications.

The field list needs to contain only one entry even if a field is used by multiple programs and applications.

To inform Infinium JP about which fields to use, you must perform two steps:

- 1 Specify all the fields you are going to use to create an account or a journal entry, regardless of program or application. This is known as the field list.
- 2 Using the field list, specify the fields within the programs that Infinium JP can use for each action definition. This process is known as field cross-referencing.

For example, to use the *GL Partial Account - Raw Material Inventory* field (ENGRIN field) in Infinium IC, you must include it in the field list. Because that field is used by many different Infinium IC action codes, you must indicate the specific programs and action codes in which you will use this field.

Overview of the JP Record Format

The following information explains why you work with fields and field cross-references.

JP Records

Infinium JP works with data contained in records that are referred to as JP records. Each application writes data from an action point into an application-specific JP record within the application-specific data collection file.

Record Format

All JP records follow the same formatting rules; that is, each record begins with some header information, followed by a number of data fields. The JP Record Format diagram shows you an example of a blank JP record.

Application programs will write JP records whether or not they are used by the Journal Processor.

An example of a blank JP record is illustrated below.

Action Identifier	Value
Company	Blank
Program	Blank
Action Code	Blank
Cross-Referenced Fields	Value
Field 1	Blank
Field 2	Blank
Field 3	Blank
...Field n	Blank

The beginning of each record includes the action identifier (company, program, and action code), a date/time stamp, the number of cross-referenced fields contained in the record, and additional information.

This header information is followed by many blank data fields. Each blank data field corresponds to a cross-referenced field within the application. Infinium JP uses your list of cross-referenced fields to create the JP record format for each application.

For example, the format for Infinium IC JP records is different from the format for Infinium PM JP records. JP records for Infinium IC contain cross-referenced fields for programs designated in the action description as being **IC** related. Also, the record length may differ because you might cross-reference more fields in one application than another. See the Three JP Records from Two Data Collection Files diagram.

Because the length of the JP record depends on the number of different fields cross-referenced, you might want to consider deleting unused fields if you are experiencing disk space problems. See the “Create/Recreate Data Collection” topic in this guide for more information about this process.

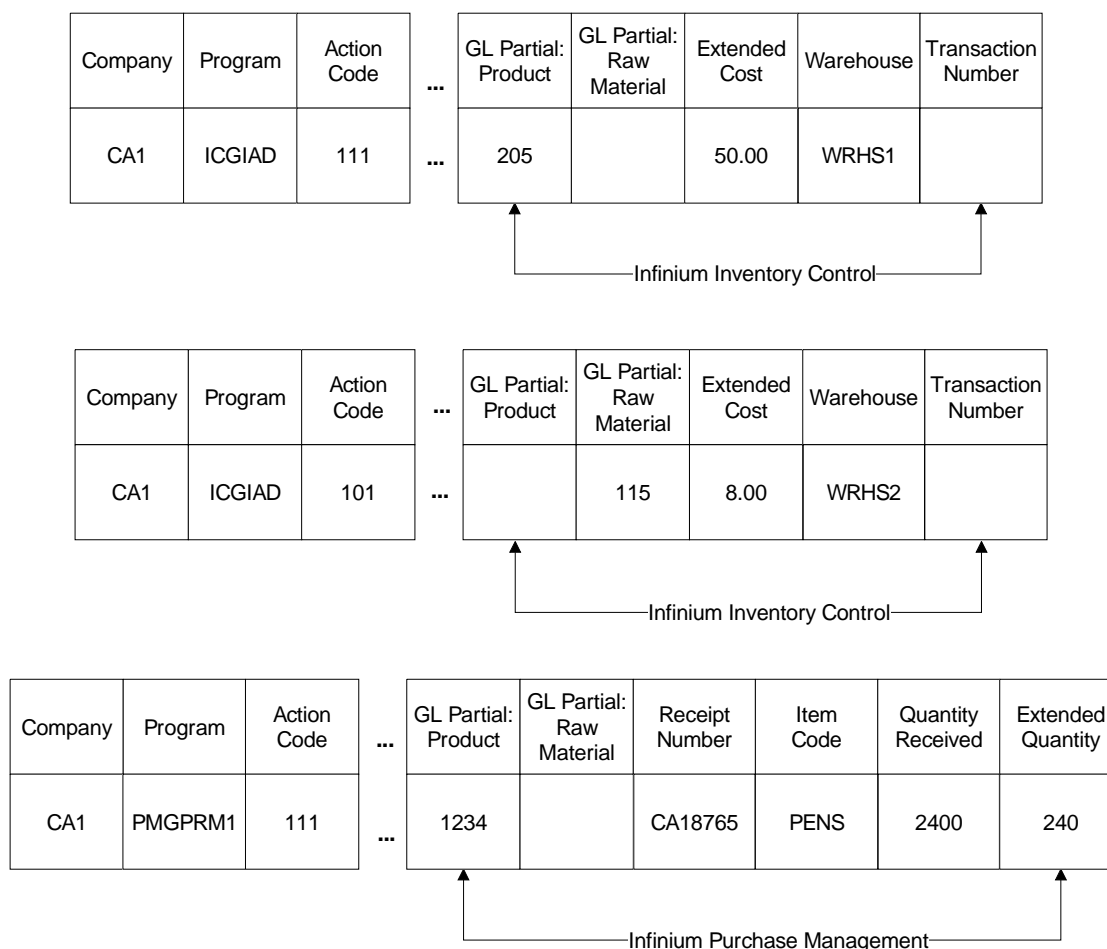


Figure 3-5: Three JP Records from Two Data Collection Files

The records shown in the above example are small compared to actual records. The JP records could be quite large, depending on the number of fields you cross-reference.

Infinium JP writes data to a JP record at an action point; however, not every data field is filled. As you can see in the Three JP Records from Two Data Collection Files diagram, Infinium IC has written data to two JP records, one for each action code. Because different data is available at each action code, the JP records do not contain information in the same data fields.

As long as the JP record is in a format that Infinium JP recognizes, it works with whatever data is passed from the application.

When you start the processor to process all the records, Infinium JP takes the information from each application-specific JP record and writes it to a larger JP record in the main data collection file. From there, Infinium JP works with each record and its corresponding action definition to produce general ledger journal entries.

Adding a Field Cross-Reference

Infinium JP bases the format of the JP records on the field cross-references. Infinium ships Infinium JP with everything set up in the test database, including the JP records.

If you add a field cross-reference, that cross-reference becomes available to action definitions. Before you can use that cross-reference in an action definition, you must reformat the JP records to accommodate the new fields that have been cross-referenced to the appropriate programs.

See the “Create/Recreate Data Collection” topic in this guide for more information about this process.

To reformat the JP records, you must use the *Create data collection files* option and recompile your application programs that use that action definition.

Likewise, if you delete cross-referenced fields in order to free up disk space, you must also recreate the data collection files and recompile your application programs that use that action definition.

Working with Fields

Application Fields

Before you can create action definitions, you must establish the list of all possible application fields that you want to use.

After you use this option to create the list of fields, you must cross-reference the fields to the programs and action codes that use them.

Follow the path below.

- ▶ Infinium JP
- ▶ *Action Processing*
 - ▼ *Work with field list [WWFL]*

1/12/98	15:32:32	Work with Fields	JPGAFM	JPDAFM	
Type option(s) and press Enter 2=Change 4=Delete 5=Display					
Opt	Field	Description	Length	Dec	Typ
-	\$ACMA#	PMGACM-G/L PARTIAL ACCT-CODE TABLE/CHT CHARGE TYPE	30		A
-	\$CADEC	ICGCAD2 - EXTENDED COST	17	6	N
-	\$FIGAC	OPGFIGL - EXTENDED COST - ADJUSTMENT - FOR TRANSFR	17	6	N
-	\$FIGCA	OPGFIGL - COGS ACCOUNT	36		A
-	\$FIGCP	OPGFIGL - COGS ACCOUNT PAGE NUMBER	9		N
-	\$FIGIA	OPGFIGL - INVENTORY ACCOUNT	36		A
-	\$FIGIP	OPGFIGL - INVENTORY ACCOUNT PAGE NUMBER	9		N
-	\$FIGLT	OPGFIGL - TAX ON SALES ORDER LINE ITEMS	17	6	N
-	\$FIGMC	OPGFIGL - MISCELLANEOUS CHARGES	17	6	N
-	\$FIGNC	OPGFIGL-GL PARTIAL ACCT-CODE TABLE/GCD GRATIS CODE	30		A
-	\$FIGOC	OPGFIGL - LINE ITEM EXTENDED COST	17	6	N
-	\$FIGOP	OPGFIGL - LINE ITEM SALES PRICE	17	6	N
More...					
F3=Exit F5=Refresh F6=Add F10=Quick access F12=Cancel F18=Message line					

Figure 3-7: Work with Fields selection screen

Adding a Field to the Field List

Press [F6] to add a field to the field list.

1/12/9815:32:55Work with FieldsJPGAFMJPDAFM

Field Name +

Description

Field Length 00000

Number of Decimals 00

Type of Field _

F3=Exit F4=Prompt F10=Quick access F12=Cancel F18=Message line

Figure 3-8: Work with Fields screen

Position the cursor in the *Field Name* field and press [F4] to select a File and Library.

```

1/12/98   15:33:21           Select Fields      JPGFIELD   JPDFIELD
-----
File      _____
Library   *TBL_____  Record Length  000000  Number of Fields  000000
          I=Add
Opt Field      Description                               Length Dec Typ
-----
F3=Exit  F10=Quick access  F12=Cancel  F18=Message line

```

Selecting a File and Library

File, Library

If you want to add fields for the Purchase Order Detail file, type **PMPPD** in the *File* field.

Press [Enter] after you complete these fields.

Adding Fields

1/12/98 15:34:03		Select Fields		JPGFIELD	JPDFIELD
File	PMPPD				
Library	PMDBFA070	Record Length	001041	Number of Fields	000137
1=Add					
Opt Field	Description	Length	Dec	Typ	
PDCO	Company	5		A	
_ PDDV	Division	8		A	
_ PDPOID	P.O. ID	20		A	
_ PDSEQ	Sequence number	5		N	
_ PDLSTS	Line Status	2		A	
_ PDICDE	Item code	20		A	
_ PDSIZE	Item size code	3		A	
_ PDLDESC	Item code description	50		A	
_ PDUID	User ID	10		A	
_ PDCCDE	Commodity code	8		A	
_ PDDSC	Item Description	30		A	
_ PDUOM	Unit of measurement	4		A	
More...					
F3=Exit F10=Quick access F12=Cancel F18=Message line					

Figure 3-10: Select Fields Detail screen

This screen displays the fields that are available for the file you entered on the Select Fields screen.

If a field has already been added to Infinium JP, the system displays that field without an *Opt* field. To select a field that has not been added, type **1** in the *Opt* field and press [Enter].

1/12/98 15:34:41		Work with Fields		JPGAFM	JPDAFM
Field Name	PDDV +				
Description	Division				
Field Length	00000				
Number of Decimals	00				
Type of Field	A				
F3=Exit F4=Prompt F10=Quick access F12=Cancel F18=Message line					

Figure 3-11: Work with Fields screen

This screen redisplay indicates the field you have added to Infinium JP. Press [F3] to exit and save your changes.

Deleting Fields

1/12/98 15:35:42		Work with Fields		JPGAFM	JPDAFM
Type option(s) and press Enter 2=Change 4=Delete 5=Display					
Opt Field	Description	Length	Dec	Typ	
— \$ACMA#	PMGACM-G/L PARTIAL ACCT-CODE TABLE/CHT CHARGE TYPE	30		A	
— \$CADEC	ICGCAD2 - EXTENDED COST	17	6	N	
4 \$FIGAC	OPGFIGL - EXTENDED COST - ADJUSTMENT - FOR TRANSFR	17	6	N	
— \$FIGCA	OPGFIGL - COGS ACCOUNT	36		A	
— \$FIGCP	OPGFIGL - COGS ACCOUNT PAGE NUMBER	9		N	
— \$FIGIA	OPGFIGL - INVENTORY ACCOUNT	36		A	
— \$FIGIP	OPGFIGL - INVENTORY ACCOUNT PAGE NUMBER	9		N	
— \$FIGLT	OPGFIGL - TAX ON SALES ORDER LINE ITEMS	17	6	N	
— \$FIGMC	OPGFIGL - MISCELLANEOUS CHARGES	17	6	N	
— \$FIGNC	OPGFIGL-GL PARTIAL ACCT-CODE TABLE/GCD GRATIS CODE	30		A	
— \$FIGOC	OPGFIGL - LINE ITEM EXTENDED COST	17	6	N	
— \$FIGOP	OPGFIGL - LINE ITEM SALES PRICE	17	6	N	
More...					
F3=Exit F5=Refresh F6=Add F10=Quick access F12=Cancel F18=Message line					

Figure 3-12: Work with Fields selection screen

To delete a field, type **4** in the *Opt* field and press [Enter].

1/12/98 15:36:26 Work with Fields JPGA FM JPDA FM

Press Enter to confirm delete

Field	Description	Type
\$FIGAC	OPGFIGL - EXTENDED COST - ADJUSTMENT - FOR TRANSFER	N

More...

F3=Exit F6=Add F10=Quick access F12=Cancel F18=Message line

Figure 3-13: Work with Fields Confirm Deletion screen

Press [Enter] to confirm the deletion of the field that displays on this screen. If you do not want to delete this field, press [F12] to redisplay the Work with Fields selection screen.

Cross-Referencing Fields to Action Codes

After you have created the list of available fields, use this option to link fields to action codes. Cross-referencing fields to a specific program and action code makes them available to an action definition.

Once you cross-reference a field, it remains cross-referenced whether or not you use the field in an action definition.

Fields must be active and available during the transaction processing within which you are using the field. For example, if you are processing in Infinium OP, fields from Infinium PM are not available.

Be sure to check the “Valid Fields for Cross-Referencing” appendix to verify that the field you are cross-referencing is active within the application program.



WARNING

If you add or delete a cross-referenced field, you must recreate the data collection files and recompile all applications that interface to Infinium JP.

Follow the path below.

- ▶ Infinium JP
- ▶ *Action Processing*
 - ▼ *Work with field cross-reference [WWFCR]*

1/26/98 11:02:15 Work with Field Cross-Reference JPGAXM JPDAXM

Type option(s) and press Enter
5=Display

Opt	System	Program
-	CA	PCR020 MATERIAL COSTING
-	CA	PCR630 COPY COST TYPE TO OTHER COST
-	IC	ICGCAD2 ABWAC COST ADJUSTMENT
-	IC	ICGGLT "COMPLETE" TRANSFER ORDERS
-	IC	ICGIAD INVENTORY ADJUSTMENTS
-	IC	ICGIAP INVENTORY REPACKAGING
-	IC	ICGIAR ISSUE/RETURN REQUISITION
-	IC	ICGITF INVENTORY TRANSFER
-	IC	ICGIPM PHYSICAL INVENTORY POSTING
-	IC	ICGRTO RECEIVE TRANSFER ORDERS
-	IC	ICGSTO SHIP TRANSFER ORDERS
-	IC	INR04B POST RECEIPTS IC PURCHASES

More...

F3=Exit F10=Quick access F12=Cancel

Figure 3-14: Work with Field Cross-Reference selection screen

Type **5** in the *Opt* field and press [Enter] to display a field cross-reference.

You can use the blank lines under the System and Program headings to position the list at a particular program. You must complete both of these fields to position the list.

1/26/98 11:12:49 Work with Field Cross-Reference JPGAXM JPDAXM

System . CA Program . . PCR020

Type option(s) and press Enter.

4=Delete 5=Display

Action

Op	Code	Description
5	101	RAW MATERIAL INVENTORY TRANSACTIONS - NORMAL COST REVALUATION
-	111	PRODUCT INVENTORY TRANSACTIONS - NORMAL COST REVALUATION

Bottom

F3=Exit F10=Quick access F12=Cancel F18=Message line

Figure 3-15: Work with Field Cross-Reference screen

Type **5** in the *Op* field and press [Enter] to select a cross-reference.

Use the blank line under the Code heading to position the list at a particular action code.

Adding a Field

1/26/98	11:08:20	Work with Field Cross-Reference		JPGAXM	JPDAXM
<hr/>					
System . . . : CA		Program . . . : PCR020		Action Code . . : 101	
RAW MATERIAL INVENTORY TRANSACTIONS - NORMAL COST REVALUATION					
<hr/>					
Type option(s) and press Enter.				Update Mode	
4=Delete					
Opt	Action	Def.	Field	Description	
-	Y		\$020ED	PCR020 - EXTENDED COST DIFFERENCE	
-	Y		\$020TI	PCR020 - TOTAL INVENTORY COST	
-	Y		\$020UD	PCR020 - UNIT COST DIFFERENCE	
-			CJCO#	Company	
-			CJDTST	DATE LAST CHGD - YYMMDD	
-	Y		CJLOC	LOCATION	
-	Y		CJMTL#	Raw#/Formula#/FG#	
-	Y		CJPDAT	Date Trans actually applied	
-	Y		CJPGMN	PROGRAM NAME	
-			CJSIZE	Finished Goods Size	
<hr/>					
More...					
<hr/>					
F3=Exit F6=Mode Toggle F10=Quick access F12=Cancel F18=Message line					

Figure 3-16: Work with Field Cross-Reference Update Mode screen

This screen displays in Update Mode initially so that you can see what fields are already cross-referenced to this program and action code.

To add a field to this action code, press [F6].

The [F6] key is a toggle key that allows you to display this screen in either Update or Add Mode.

```

1/26/98  11:10:38  Work with Field Cross-Reference  JPGAXM  JPDAXM
-----
System . . . : CA  Program . . . : PCR020  Action Code . . : 101
RAW MATERIAL INVENTORY TRANSACTIONS - NORMAL COST REVALUATION

Type option(s) and press Enter.  Add Mode
1=Select
Opt Action Def. Field  Description
-----
-      $ACMA#  PMGACM-G/L PARTIAL ACCT-CODE TABLE/CHT CHARGE TYPE
-      $CADEC  ICGCAD2 - EXTENDED COST
-      $FIGAC  OPGFIGL - EXTENDED COST - ADJUSTMENT - FOR TRANSF
-      $FIGCA  OPGFIGL - COGS ACCOUNT
-      $FIGCP  OPGFIGL - COGS ACCOUNT PAGE NUMBER
-      $FIGIA  OPGFIGL - INVENTORY ACCOUNT
-      $FIGIP  OPGFIGL - INVENTORY ACCOUNT PAGE NUMBER
-      $FIGLT  OPGFIGL - TAX ON SALES ORDER LINE ITEMS
-      $FIGMC  OPGFIGL - MISCELLANEOUS CHARGES
-      $FIGNC  OPGFIGL-GL PARTIAL ACCT-CODE TABLE/GCD GRATIS CODE
More...

F3=Exit F6=Mode Toggle F10=Quick access F12=Cancel F18=Message line

```

Figure 3-17: Work with Field Cross-Reference Add Mode screen

This screen displays every field from the field list that has not been added to the cross-reference for this action code.

Type **1** in the *Opt* field to select the fields that you want to add to this cross-reference. Select as many fields as you want.

Use the blank line under the Field heading to quickly position through the field list.

Press [Enter] to add the fields to the cross-reference.

Deleting Fields

There are two ways to delete field cross-references. Perform a mass delete or you can perform a single delete. A mass delete allows you to significantly reduce the size of the Journal Processor Data Collector.

Once you have built your action definitions and are sure that they meet your needs, you can reselect the *Work with field cross-reference* option to perform a mass delete on all the programs.

Mass Field Delete

1/26/98	11:12:49	Work with Field Cross-Reference	JPGAXM	JPDAXM
---------	----------	---------------------------------	--------	--------

System . CA Program . . PCR020
Type option(s) and press Enter.
4=Delete 5=Display

Action

Op	Code	Description
4	101	RAW MATERIAL INVENTORY TRANSACTIONS - NORMAL COST REVALUATION
4	111	PRODUCT INVENTORY TRANSACTIONS - NORMAL COST REVALUATION

Bottom

F3=Exit F10=Quick access F12=Cancel F18=Message line

Figure 3-18: Work with Field Cross-Reference screen

Performing a Mass Delete

Type **4** in the *Op* field and press [Enter] to delete multiple action codes.

When you select an action code to delete, the system looks to see if any of the fields cross-referenced to that code are used in an action definition. The system deletes only those fields that are not used in an action definition and are not variable fields, such as those that begin with a \$ symbol.

1/26/98 11:40:13		Work with Field Cross-Reference		JPGAXM	JPDAXM
Press Enter to confirm delete					
Program	Action Code	Field	Description		
PCR020	101	CJCO#	Company		
PCR020	101	CJDTST	DATE LAST CHGD - YYMMDD		
PCR020	101	CJSIZE	Finished Goods Size		
PCR020	101	CJSTR#	Source Tran #		
PCR020	101	CJTQTY	Transaction Qty		
PCR020	101	C20CO#	Company		
PCR020	101	C20COD	R=RAW,L=LABOR,B=ANTICIP,ETC		
PCR020	101	C20JOB	REQUESTING JOB		
PCR020	101	C20LOC	LOCATION		
PCR020	101	C20MTL	MATERIAL		
PCR020	101	C20SIZ	SIZE CODE		
PCR020	101	C20TYP	C-CURR,P-PREV,N-ANTICIP,ETC	More...	
F3=Exit F10=Quick access F12=Cancel					

Figure 3-19: Fields to Delete confirmation screen

This screen displays all the fields that are not used in an action definition and that the system deletes when you press [Enter].

1/26/98 11:41:14		Work with Field Cross-Reference		JPGAXM	JPDAXM
System . . . : CA		Program . . . : PCR020		Action Code . . : 101	
RAW MATERIAL INVENTORY TRANSACTIONS - NORMAL COST REVALUATION					
Type option(s) and press Enter.			Update Mode		
4=Delete					
Opt	Action Def.	Field	Description		
-	Y	\$020ED	PCR020 - EXTENDED COST DIFFERENCE		
-	Y	\$020TI	PCR020 - TOTAL INVENTORY COST		
-	Y	\$020UD	PCR020 - UNIT COST DIFFERENCE		
-	Y	CJLOC	LOCATION		
-	Y	CJMTL#	Raw#/Formula#/FG#		
-	Y	CJPDAT	Date Trans actually applied		
-	Y	CJPGMN	PROGRAM NAME		
-	Y	CJUSER	LAST CHANGED BY		
-	Y	ENGLLC	GL LOCATION		
-	Y	ENGRV	G/L PARTIAL ACCT RAW MATERIAL REVALUATION	More...	
F3=Exit F6=Mode Toggle F10=Quick access F12=Cancel F18=Message line					

Figure 3-20: Fields to Delete result screen

This screen displays the result of the delete.

The fields listed on the Fields to Delete confirmation screen are gone.

1/26/98	11:39:31	Work with Field Cross-Reference	JPGAXM	JPDAXM
---------	----------	---------------------------------	--------	--------

Press Enter to confirm delete

	Program	Action Code
	PCR020	111

Bottom

F3=Exit F10=Quick access F12=Cancel

Figure 3-21: No Fields to Delete confirmation screen

If no fields are used in an action definition, this screen displays.

1/26/98	11:42:04	Work with Field Cross-Reference	JPGAXM	JPDAXM
---------	----------	---------------------------------	--------	--------

System . . . : CA Program . . . : PCR020 Action Code . . : 111
PRODUCT INVENTORY TRANSACTIONS - NORMAL COST REVALUATION

Type option(s) and press Enter. Update Mode
4=Delete

Opt	Action Def. Field	Description

F3=Exit F6=Mode Toggle F10=Quick access F12=Cancel F18=Message line

Figure 3-22: No Fields to Delete result screen

This screen displays the result of the delete.

Single Field Delete

1/26/98 11:08:20 Work with Field Cross-Reference JPGAXM JPDAXM

System . . . : CA Program . . . : PCR020 Action Code . . : 101

RAW MATERIAL INVENTORY TRANSACTIONS - NORMAL COST REVALUATION

Type option(s) and press Enter. Update Mode

4=Delete

Opt	Action	Def. Field	Description
-	Y	\$020ED	PCR020 - EXTENDED COST DIFFERENCE
-	Y	\$020TI	PCR020 - TOTAL INVENTORY COST
-	Y	\$020UD	PCR020 - UNIT COST DIFFERENCE
-		CJCO#	Company
-		CJDTST	DATE LAST CHGD - YYMMDD
-	Y	CJLOC	LOCATION
-	Y	CJMTL#	Raw#/Formula#/FG#
-	Y	CJPDAT	Date Trans actually applied
-	Y	CJPGMN	PROGRAM NAME
-		CJSIZE	Finished Goods Size

More...

F3=Exit F6=Mode Toggle F10=Quick access F12=Cancel F18=Message line

Figure 3-23: Work with Field Cross-Reference Update Mode screen

Type **4** in the *Opt* field and press [Enter] to delete a single field from the cross-reference.

Procedure Following Field Cross-Reference Changes

If you add a field cross-reference, that cross-reference becomes available to action definitions.

Before you can use new cross-references in action definitions, you must reformat the JP records to accommodate the new fields that you have cross-referenced.

To accomplish this, you must use the *Create data collection files* menu option. When you select this option, the system regenerates the following files:

- JPPDCJP
- JPPADSV
- JPPDCXX - where XX is the system prefix

Adding a Cross-Reference

Infinium recommends using the following procedure to add a cross-reference:

- 1 Do not allow anyone access to any application that uses a data collection file.
- 2 Start the processor and process all your records. Correct any errors and reprocess until no records are left.

For more information on processing records, see the “Processing Transactions” topic.

- 3 Stop the processor.
- 4 Add a new field to the field list, if applicable.
- 5 Add the field to the cross-reference file.
- 6 Select the Create data collection files menu option.
- 7 Recompile the application programs that write records to Infinium JP.

For more information on recompiling programs, see the next section, “Recompiling programs.”

- 8 Add the cross-referenced field to the appropriate action definitions.
- 9 Inform users that they are allowed back onto the system.

Use the *Display data collection status* option to view when fields were added to the cross-reference list and when the data collection file was last created. The *Last Change* fields reflect the last date and time that an addition was made to the Cross Reference file and the *Last Creation* fields reflect the last date and time that the *Create data collection files* option was successfully run.

Note: See the “Creating/Recreating Data Collection Files” topic in this guide for information on the create/recreate process.

Recompiling Programs

To recompile your programs after recreating the data collection files, you must perform the following steps:

- 1 Select *Definition & Field Reports* from the Infinium JP main menu.
- 2 Select Print action program list.
- 3 Press [Enter] to submit the report.
- 4 Recompile the following:
 - ICGMA, ICGITA and ICGIAB along with the appropriate library list if you have Infinium IC
 - PMGACM1, PMGPSX, PRGGLI and PMGEDT, along with the appropriate library list if you have Infinium PM
 - PMGACM1, along with the appropriate library list, if you have Infinium PM
 - Any program on the list that is associated with an Infinium application you have installed
 - JPGXGL, along with the appropriate library list, if you use the Infinium JP to GL Walkback

Part 4

Resolving Account Numbers and Posting Transactions

4

The part consists of the following topics:

Topic	Page
Overview of Resolving Account Numbers and Posting Transactions	4-2
Working with Action Definitions for Account Number Resolution	4-5
Working with Action Definitions for Posting Transactions	4-15
Summarizing General Ledger Entries with User Fields	4-33
Walking Back from GL to JP Generated Transactions	4-39

Overview of Resolving Account Numbers and Posting Transactions

A chart of accounts action definition is a set of criteria or rules that Infinium JP uses to determine how to build account numbers.

This topic discusses the utilization of cross-referenced fields within an action definition. This is the most important topic for you to understand.

After you complete this part, you should be familiar with:

- Action definition header screen setup
- Action definition field usage screen setup
- Account number structure

Building an Account Number

The diagram below demonstrates the process of how Infinium JP builds an account number.

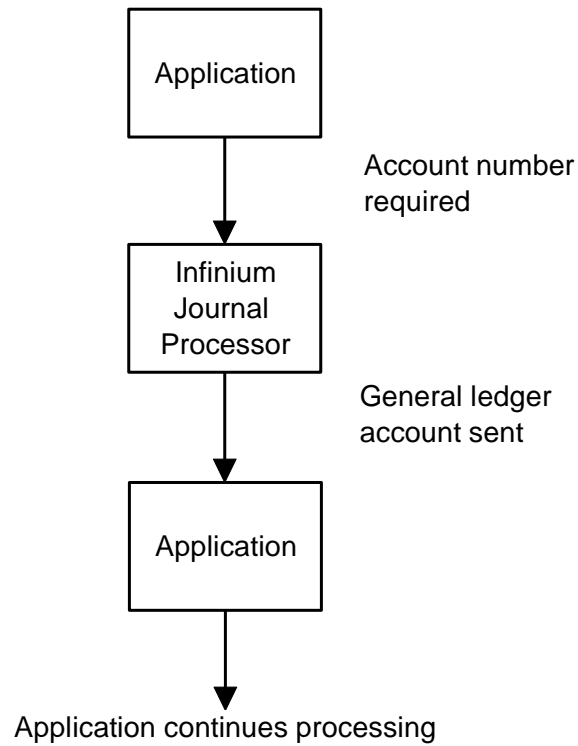


Figure 4-1: Building an Account Number

Processing Transaction Data

The diagram below demonstrates how Infinium JP processes transaction data.

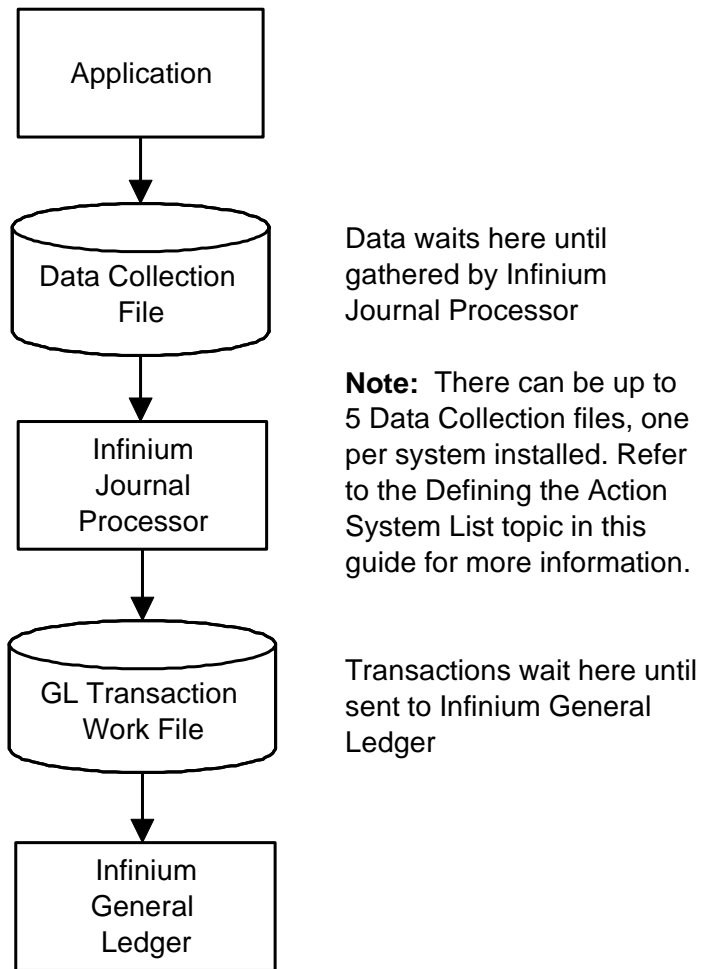


Figure 4-2: Processing Transaction Data

Working with Action Definitions for Account Number Resolution

Defining Header Information

When you build a chart of accounts action definition, you can construct an account number that defaults onto an entry screen, for example, the Purchase Order Detail screen.

Even if you do not access the General Ledger Transaction Posting Amount screen, Infinium JP creates an automatic account number entry for you on posting definitions.

An action definition that solely builds an account and performs no posting uses at least the following screens:

- Prompt screen
- Action Definition Header screen
- Action Definition Field Usage screen
- Account Number Mapper screen

Other screens, which you can access by function keys, are optional. These controls apply only to Posting Transaction generation.

Infinium provides you with a training set of action definitions on the Infinium JP training database. Map your own action definitions with the *Work with action definitions* option.

Follow the path below.

- ▶ Infinium JP
- ▶ *Action Processing*
 - ▼ *Work with action definitions* [WWAD]

1/14/1998 13:52:35	Work with Action Definitions	JPGADM	JPDADM
			Page 1 of 3
Type required information and press Enter.			
Option (A C D I) . . C			
Action Identifier			
Company	TS1	+	
Program name	PMGPRM1	+	
Action code	111		
F3=Exit F4=Prompt F8=Acct # structure F24=More keys			

Figure 4-3: Work with Action Definitions prompt screen

Using Action Definitions

All the fields on this screen are required fields.

Option

Use the *Option* field to perform one of the following:

- A** Add a new action definition
- C** Change an existing action definition
- D** Delete an existing action definition
- I** Inquire about (display) an existing action definition

Program name

If you are unsure which action code to choose, press [F4] on the *Program name* field.

Before you can create action definitions, you must define an account structure in Infinium GL. Infinium JP reads this account structure.

If you use Infinium GL, Infinium JP uses the account structure you defined in Infinium GL. If you do not use Infinium GL, use the *Work with company controls* option to define your account structure and length.

If you do not use Infinium GL and have not defined your account structure and length, the system displays the following message at the bottom of this screen:

General Ledger Account Control Record missing

Press [Enter] to advance to the next screen.

1/14/1998 13:53:04	Action Definition Header	JPGADM	JPDADM
			Page 2 of 3
<u>Action Description</u>			
PRODUCT - G/L POSTING TRANSACTION DEFINITION			
MENU: RECEIVE PURCHASE ORDERS			
Action Identifier: Company :		..IS1	Action code . . : 111
Program name . . :		PMGPRM1...	Pass no. . . . : ..1
Active/Inactive status	1	{0 1}	
Transaction type	M	{C B M S}	
Validate Account Number	1	{0 1}	
G/L account passed in single field? .	1	{0 1}	
Summary/detail journal entries . .	0	{S D}	
Debit/credit code	V	{C D V}	
Debit on positive trans. amt . . .	1	{0 1 - If debit/credit code is "V"}	
Transaction description . . .	PM RECEIPT TRANSACTION		
<u>Pass Description</u>			
PM RECEIPT TRANSACTION - PRODUCT			
INVENTORY/EXPENSE SIDE OF THE GL POSTING JOURNAL ENTRY			
F3=Exit F5=Nxt Action Code F6=Activate/Inactvte F24=More keys			

Figure 4-4: Action Definition Header screen

Action Definition Information

If you are working with the training company's action definitions, then all of the information on this screen is predefined for you. You can alter any of this information.

The values you type on this screen determine the fields that display on the Action Definition Field Usage and GL Transaction Posting Amount screens.

Active/Inactive status

Use this field to establish whether the system is able to use this action definition. To make the action definition active, type **1**. To make the action definition inactive, type **0**.

Transaction type

Use the *Transaction type* field to indicate the form of transaction being generated by this action definition. The valid entry for this field and what it accomplishes is as follows:

- C** Builds a chart of account number that is written to a file or displayed on an application entry screen

Transaction types **B**, **M**, and **S** are valid only for action definitions generating posting transactions.

For example, to have Infinium JP build and default an account number onto the Purchase Order Detail screen in Infinium PM, type **C** in the *Transaction type* field.

The value you type in this field determines what the system displays in the Action Definition Field Usage screen.

Validate Account Number

Use this field to determine whether you can send invalid account numbers to Infinium GL. This field controls account number validation for posting transactions. The only valid entries for this field are **0** or **1**.

Type **0** in this field to send all accounts to Infinium GL, regardless of whether or not they are valid. This control applies only to Posting Transaction generation.

G/L account passed in single field?

Use this field to limit this action definition to one field for an entire account number, including separators. Use this field only if the full account was previously built by another action definition, resides in the file, or is defined as a constant.

If you type **1** in this field, use only one *Acct#* field on the Action Definition Field Usage screen. For more information, see the next section, “Defining Field Usage.” The account number must be a complete account number that contains all separators.

Defining Field Usage

Access this screen by pressing [Enter] on the Action Definition Header screen. Use this screen to define the cross-referenced fields you are using to build an account number or a transaction. Indicate which fields to use and how to use them.

3/03/1998 11:50:49		Action Definition Field Usage		JPGADM	JPDADM
Company :	JPCA1	Action code . . :	111	Page 3 of 3	
Program name . . :	PMGPRM1...	Pass.no.....:	..1		
PRODUCT.-.G/L.POSTING.TRANSACTION.DEFINITION.....					
MENU:...RECEIVE.PURCHASE.ORDERS.....					
Field	Type/length/decimals	Field Usage			
ATPRLG....	Numeric ....9 .0	Acct# _	Job no. _	UFlid 1	
Receipt.Log.Key.....		Page# _	Monetary _	Stat _	Both _
ATRCNO....	Alpha.. ...20	Acct# _	Job no. 1	UFlid _	
Receipt.Number.....					
ATIANT....	Numeric ...17 .2	Acct# _	Job no. _	UFlid _	
Inventory.Acct..Amount.....		Page# _	Monetary 1	Stat _	Both _
AT8TRN....	Numeric ....8 .0	Acct# _	Job no. _	UFlid _	
Transaction.Date.....		Page# _	Monetary _	Stat _	Both _ Date Y
F3=Exit F5=Value definition F6=Acct # definition F24=More keys					

Figure 4-5: Action Definition Field Usage screen

Action Definition Field Usage

If you are working with a chart of accounts definition (*Transaction type C*), the system displays only *Acct#* fields.

If a chart of accounts definition builds an account and stores it in a single field (*G/L account passed in a single field* is 1), a posting definition uses the previously-built account number, as well as the rest of the fields on the Defining Field Usage screen.

For example, the OPGGLA 61 definition builds the sales and cost of goods sold account numbers for inventory items in Infinium OP. In this definition, establish only the *Acct#* fields.

The system then uses the OPGFIGL 111 definition to create the posting transaction to product inventory at final invoicing. In the OPGFIGL 111 definition, include the account number from OPGGLA 61, date, job number, posting value, and any other relevant information for this posting definition.

Type **1** next to a field listed in the Field Usage section to select it; otherwise, leave the field blank.

You may use the same field more than once in an action definition. This is true for the *Acct#* field and for constants. To do so, type the number of times it will be used in front of that field and press [Enter]. The system redispays the screen, listing the field the number of times you indicated.

A constant is a part of your general ledger account number that does not change. Constants are available on every action definition and are last in the list of fields. Also, you can use a constant two or more times.

For example, your product inventory account is CO# - WHS - 5000 - SUB. Every component of this account could change with the exception of **5000**, which is always **5000** for the product inventory account. Therefore, **5000** is a constant for the product inventory account and could be mapped as a constant.

Acct#

To use a field as part or the entire general ledger account number, type **1** in the *Acct#* field.

Once you select all of the fields to build an account number, press [Enter]. The system repositions all selected fields to the beginning of this subfile (the lower portion of the screen).

In creating an account-building action definition, you must convert the Infinium CA Company code to the general ledger system Company code. Accomplish this by either making the first segment of the account a constant or using a lookup value. For more information on lookup values, refer to the “Performing Lookups” section.

Press [F6] to advance to the Account Number Mapper screen. Use the Account Number Mapper screen to define the positions of these fields within the account structure.

Mapping Fields

Access this screen by pressing [F6] from several of the action definition screens. All of the fields in which you typed **1** in the *Acct#* field on the Action Definition Field Usage screen display here.

Acct#, Constant

The purpose of the *Acct#* field on the Action Definition Field Usage screen is to indicate which fields are to be used in building accounts. On this screen, indicate where to place the *Acct#* and *Constant* fields within the account structure.

1/14/1998 14:13:07	Account Number Mapper	JPGADM	JPDADM
--------------------	-----------------------	--------	--------

<u>Action Description</u>		<u>Monetary definition...</u>
PRODUCT, -G/L, POSTING, TRANSACTION, DEFINITION,		
MENU: ...RECEIVE, PURCHASE, ORDERS,		
Action Identifier: Company . . . :	..IS1	Action code . . : 111
Program name . . :	PMGPRM1...	Pass.no.....: ..1

<u>Field</u>	<u>Actual/Lookup</u>	<u>Account Number Placement</u>
<u>Constant value</u>	<u>& Chase (0/1)</u>	<u>Component Description</u>
ATIACC.... Inventory.Account.Number.	A 0	Start in position. . 1
Alpha.. ...36		For a length of. . . 20
		Acct# start position 1

F3=Exit F5=Value definition F7=User field def. F24=More keys

Figure 4-6: Account Number Mapper screen

Account Number Mapper

You can map entire fields or a consecutive portion of a field. Also, you can map the actual value of a field or reference a lookup table, which connects the actual field value with a replacement value.

The company number must be included as the first segment of the account structure for Infinium GL.

If you press [F9] on this screen, the system displays the account structure with the fields and associated data that have been selected to make up the account.

Actual/Lookup

Use the *Actual/Lookup* field to designate whether you are using the value in this field or another value from a lookup table. Valid entries are **A** for the actual value in the field and **L** for lookup.

Replacement values from a lookup table allow you to convert existing field entries into general ledger information while preserving the original entries.

Use lookup tables to:

- Replace alphanumeric field values with numeric values
- Replace numeric field values with alphanumeric values
- Lengthen a field value

For additional information on lookup tables, refer to the “Performing Lookups” section.

Chase

The chase procedure works in conjunction with lookup tables. If you do not use the chase control, the lookup table stops as soon as it finds a replacement value. With the chase control, the lookup table continues searching until it finds a final value.

For additional information on the chase procedure, refer to the “Performing Lookups” section.

Start in position

Use this field to define the starting position within the field value from which you are using a certain number of characters. Infinium JP uses the number of characters you indicate in the *For a length of* field.

For example, you are using two characters from a five-character field value. The field value is **18305** and you are using the **05** characters. You type **4** in the *Start in position* field to begin with the fourth character from the left.

For a length of

Use this field to indicate the number of consecutive characters of the field value you are using for this portion of the general ledger account structure. Infinium JP begins with the character indicated in the *Start in position* field.

To continue the example above, you are using the field value **18305** and you are using the **05** characters. Type **2** in the *For a length of* field to instruct Infinium JP to use a total of two characters.

Another example of the *Start in position* and *For a length of* fields involves companies. You have defined company CA1 in Infinium CA. Because the *Company* field is actually five characters long and right-justified, the company code contains two blanks before the last three characters.

In order to use the **CA1** portion within **___CA1**, type **3** in the *Start in position* field and **3** in the *For a length of* field.

Acct# start position

Use this field to indicate where to place this data within the total Infinium GL account structure.

For example, if you have the account structure CO# - DIV - DEP - ACCT - SUB and **43** should go in the first two positions of the subaccount, then type **18** in the *Acct# start position* field.

The system reads the account structure as if each position, including separator characters, has its own sequential identifier. If you count the positions within the example chart of account structure, CO# - DIV - DEP - ACCT - SUB, position **18** is the start of the subaccount.

When you press [Enter], the system verifies you have not overlaid any fields in the account structure or omitted any parts of the account structure.

Listed below are some of the function keys available on this screen.

Function Key	Description
[F12]	Cancels any action and returns you to the Action Definition Field Usage screen
[F5]	Advances to the GL Transaction Posting Amount screen
[F7]	Advances to the User Field screen
[F9]	Advances to the Work with Account Number Structure screen

Viewing the Account Number Structure

This screen displays the fields used, where they are used, and what their descriptions are for this action definition. Access this screen by pressing [F9] from the Account Number Mapper screen.

```

1/14/1998 14:13:37 Work with Account Number Structure

```

```

Account length. . . . 20
Account structure . . XXX-XXX-XXX-XXXX-XXX
                      1...5...1...1...2...2...3...3.
                      0  5  0  5  0  5

```

```

Field
Name & length  ..Component..  ..Acct#..  Field description/
Constant value Beg End Lngh  Beg  End  Component description
ATIACC      36   1  20   20   1   20  Inventory Account Number

```

```

F12=Cancel
Subfile record not found.

```

Figure 4-7: Work with Account Number Structure screen

Account Number Structure

This screen is helpful when the system detects an error in action definition mapping.

Press [F12] to cancel.

Press [F8] from the Action Definitions prompt, Action Definition Header, and Action Definition Field Usage screens to access the account number structure. Accessing the [F8] key displays the account length and the account structure only.

Working with Action Definitions for Posting Transactions

Defining Header Information

When you build an action definition, you can accomplish one of the following:

- Construct an account number that defaults onto an entry screen, for example, the Purchase Order Detail screen
- Construct a monetary posting entry
- Construct a statistical posting entry
- Construct a monetary and statistical posting entry simultaneously

To establish action definitions, you use a number of screens. A posting entry action definition uses at least the following screens:

- Prompt screen
- Action Definition Header screen
- Action Definition Field Usage screen
- General Ledger Transaction Posting Amount screen (optional)
- Account Number Mapper screen

An action definition that solely builds an account and performs no posting uses at least the following screens:

- Prompt screen
- Action Definition Header screen
- Action Definition Field Usage screen
- Account Number Mapper screen

Other screens, which you can access through function keys, are optional. This control applies only to Posting Transaction generation.

Infinium provides you with a training set of action definitions on the Infinium JP training database. Map your own action definitions with the *Work with action definitions* option.

Follow the path below.

- ▶ Infinium JP
- ▶ *Action Processing*
 - ▼ *Work with action definitions* [WWAD]

1/14/1998 13:52:35	Work with Action Definitions	JPGADM	JPDADM
			Page 1 of 3
Type required information and press Enter.			
Option (A C D I) . . . C			
Action Identifier			
Company	IS1	+	
Program name	PMGPRM1	+	
Action code	111		
<hr/>			
F3=Exit F4=Prompt F8=Acct # structure F24=More keys			

Figure 4-8: Work with Action Definitions prompt screen

Using Action Definitions

Option

Use the *Option* field to perform one of the following:

- A** Add a new action definition
- C** Change an existing action definition
- D** Delete an existing action definition
- I** Inquire about (display) an existing action definition

Program name

If you are unsure which action code to choose, press [F4] on the *Program name* field.

Before you can create action definitions, you must define an account structure in Infinium GL. Infinium JP reads this account structure.

If you use Infinium GL, Infinium JP uses the account structure defined in Infinium GL. If you do not use Infinium GL, use the *Work with company controls* option to define your account structure and length.

If you do not use Infinium GL and have not defined your account structure and length, the system displays the following message at the bottom of this screen:

General Ledger Account Control Record missing

Press [Enter] to advance to the next screen.

1/14/1998 13:53:04 Action Definition Header JPGADM JPDADM

Page 2 of 3

Action Description

PRODUCT - G/L POSTING TRANSACTION DEFINITION

MENU: RECEIVE PURCHASE ORDERS

Action Identifier: Company . . . : ..IS1 Action code . . : 111

Program name . . : PMGPRM1... Pass no. . . . : ..1

Active/Inactive status 1 (0 1)

Transaction type M (C B M S)

Validate Account Number 1 (0 1)

G/L account passed in single field?. 1 (0 1)

Summary/detail journal entries . . D (S D)

Debit/credit code. V (C D V)

Debit on positive trans. amt . . . 1 (0 1 - If debit/credit code is "V")

Transaction description . . . PM RECEIPT TRANSACTION

Pass Description

PM RECEIPT TRANSACTION - PRODUCT

INVENTORY/EXPENSE SIDE OF THE GL POSTING JOURNAL ENTRY

F3=Exit F5=Nxt Action Code F6=Activate/Inactvte F24=More keys

Figure 4-9: Action Definition Header screen

Action Definition Information

If you are working with the training company’s action definitions, then all of the information on this screen is predefined for you. You can alter any of this information.

The values you type on this screen determine the fields that display on the Action Definition Field Usage and GL Transaction Posting Amount screens.

Pass no

Action code definitions can have multiple passes. A pass uses the same information but allows you to format it differently so it can be used in multiple journal entries. For example, Pass 1 may generate the debit entry and Pass 2 may generate the offsetting credit entry. See the “Action Codes, Points and Passes” Appendix in this guide for more information about accounting entries.

Active/Inactive status

Use this field to establish whether or not the system is able to use this action definition. To make the action definition active, type **1**. To make the action definition inactive, type **0**.

Note: The system gives you missing definition errors if you do not create, delete, or inactivate an action definition for a function you use.

For example, your organization uses transfer orders; therefore, you use the *Receive Transfer Orders* option in Infinium IC. You must create an action definition for this function because the system expects to use an action definition for it. If you make the action definition inactive, the system sends you a missing definition error.

Transaction type

Use the *Transaction type* field to indicate the form of transaction being generated by this action definition. Valid entries for this field and what they accomplish are:

- | | |
|----------|---|
| B | Builds posting monetary and statistical general ledger transaction workfile entries |
| M | Builds a posting monetary transaction workfile entry |
| S | Builds a posting statistical transaction workfile entry |

The value you type in this field determines what the system displays in the Action Definition Field Usage screen.

Validate Account Number

Use this field to determine whether you can send invalid account numbers to Infinium GL.

Type **1** in this field to validate the account number. If you set up an action definition incorrectly, you could build an invalid account. Account numbers that are not valid remain in the Data Collector file.

Reprocessing transactions with invalid accounts are discussed in the “Processing Transactions” section. Refer to the Appendices for information about Error messages.

Type **0** in this field to send all accounts to Infinium GL, regardless of whether or not they are valid. This control applies only to Posting Transaction generation.

If you do not use Infinium GL and you want to validate the account number, you must ensure that you have a valid API program in the *GL account number* field in the Validation and Information Retrieval screen in entity controls. For more information, refer to the “Setting Up Controls” section.

G/L account passed in single field?

Use this field to limit this action definition to one field for an entire account number, including separators. Use this field only if the full account was previously built by another action definition, resides in the file, or is defined as a constant.

If you type **1** in this field, you can use only one *Acct#* field on the Action Definition Field Usage screen. For more information, see the next section, “Defining Field Usage.” The account number must be a complete account number that contains all separators.

Summary/detail journal entries

This field is required if you type **M**, **S**, or **B** in the *Transaction type* field. Use this field to indicate posting in summary or detail format.

If you select to post in summary, you can use User Fields to summarize your journal entries. See the “Summarizing General Ledger Entries with User Fields” section.

Press [F16] to define summarization levels on a summary posting action definition.

Debit/credit code

Valid entries for the *Debit/credit code* field are:

D	Debit transaction
C	Credit transaction
V	Variable transaction, depending on the sign of the transaction value

When you define an action definition as a debit (type **D** in this field), the system brings the positive application transaction amount forward to the general ledger posting transaction as **D** (debit).

When you define an action definition as a credit (type **C** in this field), the system brings the positive application transaction amount forward to the general ledger posting transaction as **C** (credit).

If you define an action definition as either a debit or a credit and the application transaction amount is negative, the system marks the transaction as being in error. For more information on errors, refer to the “Processing Transactions” section.

A variable transaction is a transaction that can either be a debit or a credit depending on whether the amount is positive or negative. If you type **V** in this field, you must also define the *Debit on positive trans amt* field.

When you define an action definition as a variable (type **V** in this field), the system always creates a transaction with a positive value. It uses the positive/negative sign of the application transaction amount and the value of the *Debit on positive trans amt* field to determine if the transaction is a debit or a credit.

Debit on positive trans amt

This field is required when you type **V** in the *Debit/credit code* field. It specifies whether the amount being passed is a debit or credit.

If you type **1** in this field, a positive amount is treated as a debit and a negative amount is treated as a credit.

If you type **0** in this field, then a positive amount results in a credit and a negative amount in a debit.

The table below illustrates the effects of the combination of the *Debit/credit code* and *Debit on positive trans amt* fields.

<i>Debit/credit code</i> Field	<i>Debit on positive trans amt</i> Field	Incoming Value	Outgoing Value	Transaction code
D	blank	Positive	Positive	D
D	blank	Negative	*	D
C	blank	Positive	Positive	C
C	blank	Negative	*	C
V	1	Positive	Positive	D
V	1	Negative	Positive	C
V	0	Positive	Positive	C
V	0	Negative	Positive	D

*The outgoing value will be negative if the general ledger accepts negative values; otherwise, the general ledger will flag the value as an error.

Transaction description

All action definitions must have a transaction description. Provide this in one of two ways:

- 1 Type a description in the *Transaction description* field, or
- 2 Type **1** in the *Desc* field next to one of the cross-referenced application fields on the Action Definition Field Usage screen

If you do not make an entry in the *Transaction description* field, the system displays the *Desc* field on the Action Definition Field Usage screen. If you do make an entry in the *Transaction description* field, the system does not display the *Desc* field on the Action Definition Field Usage screen.

The transaction description prints on the General Ledger Transaction Edit report. This report prints automatically when you create general ledger batches to send to Infinium GL.

Press [Enter] to continue to the Action Definition Field Usage screen.

The following function keys are also available on this screen:

Function Key	Description
[F12]	Advances you to the next action code belonging to this program
[F6]	Activates or inactivates an action definition
[F7]	Advances you to this action code's next pass
[F8]	Allows you to view a non-Infinium account structure
[F16]	Allows you to summarize action definitions

Summarization is covered in the “Summarizing General Ledger Entries with User Fields” section.

Defining Field Usage

Access this screen by pressing [Enter] on the Action Definition Header screen. Use this screen to define the cross-referenced fields you are using to build an account number or a transaction. Indicate which fields to use and how to use them.

```

3/03/1998 11:50:49      Action Definition Field Usage      JPGADM      JPDADM
-----
Company . . . : JPCA1      Action code . : 111      Page 3 of 3
Program name . : PMGPRM1... Pass.no..... : ..1

PRODUCT.-.G/L.POSTING.TRANSACTION.DEFINITION.....
MENU:...RECEIVE.PURCHASE.ORDERS.....

Field_____Type/length/decimals_____Field Usage_____
ATPRLG....Numeric ....9 .0      Acct# _ Job no. _ UFlid 1
Receipt.Log.Key.....          Page# _ Monetary _ Stat _ Both _

ATRCNO....Alpha.. ...20      Acct# _ Job no. 1 UFlid _
Receipt.Number.....

ATIAMT....Numeric ...17 .2      Acct# _ Job no. _ UFlid _
Inventory.Acct..Amount.....    Page# _ Monetary 1 Stat _ Both _

AT8TRN....Numeric ....8 .0      Acct# _ Job no. _ UFlid _
Transaction.Date.....          Page# _ Monetary _ Stat _ Both _ Date Y
+

F3=Exit F5=Value definition F6=Acct # definition F24=More keys

```

Figure 4-10: Action Definition Field Usage screen

Action Definition Field Usage

All fields cross-referenced to this program name and action code (action identifier) display on this screen. To view the remaining fields, press either the [PageDown] or [Roll] and down arrow keys, depending on your keyboard.

The example above shows a posting definition (*Transaction type M*). If you are working with a chart of accounts definition (*Transaction type C*), the system displays only *Acct#* fields. If you are defining fields for a walkback from Infinium GL, the system displays *walkback* fields. Refer to the *Walkback from GL to JP Generated Transactions* section of this chapter for complete information on how to walkback from Infinium GL.

If a chart of accounts definition builds an account and stores it in a single field (*G/L account passed in a single field* is 1), a posting definition uses the previously-built account number, as well as the rest of the fields on the Defining Field Usage screen.

For example, the OPGGLA 61 definition builds the sales and cost of goods sold account numbers for inventory items in Infinium OP. In this definition, establish only the *Acct#* fields.

The system then uses the OPGFIGL 111 definition to create the posting transaction to product inventory at final invoicing. In the OPGFIGL 111 definition, include the account number from OPGGLA 61, date, job number, posting value, and any other relevant information for this posting definition.

Type **1** next to a field listed in the Field Usage section to select it; otherwise, leave the field blank.

You may use the same field more than once in an action definition. This is true for the *Acct#* field and for constants. To do so, type the number of times it will be used in front of that field and press [Enter]. The system redisplay the screen, listing the field the number of times you indicated.

A constant is a part of your general ledger account number that does not change. Constants are available on every action definition and are last in the list of fields. Also, you can use a constant two or more times.

For example, your product inventory account is CO# - WHS - 5000 - SUB. Every component of this account could change with the exception of **5000**, which is always **5000** for the product inventory account. Therefore, **5000** is a constant for the product inventory account and could be mapped as a constant.

Acct#

To use a field as part or all of the general ledger account number, type **1** in the *Acct#* field.

Once you select all of the fields to build an account number, press [Enter]. The system repositions all selected fields to the beginning of this subfile (the lower portion of the screen).

In creating an account-building action definition, you must convert the Infinium CA Company code to the general ledger system Company code. Accomplish this by either making the first segment of the account a constant or using a lookup value. For more information on lookup values, refer to the “Performing Lookups” section.

Press [F6] to advance to the Account Number Mapper screen. Use the Account Number Mapper screen to define the positions of these fields within the account structure.

Job no.

This field is optional. If you define a field as a job number, a specific code value must be established using Infinium GL’s code tables, code type **JOB**. If you do not set this up, the Infinium GL batch containing a job number will be in error.

Job numbers can be used for account summarization.

Desc

This field is required if you do not type a value in the *Transaction description* field on the Action Definition Header screen. If you do type a value in the *Transaction description* field, this field does not display.

The system includes descriptions on the General Ledger Transaction Edit report, which prints automatically when you create general ledger batches.

Ufld

User fields are optional; however, they are often used to add levels of summarization to journal entries and to pass additional data to Infinium GL. Seven user fields are available per action definition. Of the seven, four correspond to alphanumeric, two to numeric, and one to date fields.

Once you indicate the user fields with **1**, press [F7] to indicate the type of user field being utilized. You can also press [F16] from the Action Definition Header screen to create summarization levels. For more information, see the “Summarizing General Ledger Entries with User Fields” section.

Date

The system displays this field only if a date has been cross-referenced. The system assumes the date field is defined as a numeric field, 5 to 8 digits in length, with no decimal places.

If you do not define a date, the system automatically uses the system date.

Valid entries for this field are:

D	Day, Month, Year (6, 7, or 8 digits long)
M	Month, Day, Year (6, 7, or 8 digits)
Y	Year, Month, Day (6, 7, or 8 digits)

H Hundred Year Format (only 5 or 6 digits)

The *Date* field is optional.

Page#

Page numbers refer to versions of account numbers in Infinium GL. Infinium recommends that you specify a page number when you use an account previously built in a posting definition.

If you define a field as a page number, the system validates the page number. If you do not define a page number, the system uses the account number to derive the page number.

Monetary

This field is required. This is the value or amount of the transaction, which is required for posting entries. Monetary information is needed only for **B** (both) or **M** (monetary) posting transactions.

Infinium JP automatically assumes a monetary or statistical value to be 100% of the value amount. To change this, press [F5] to access the GL Transaction Posting Amount screen.

In a multi-currency environment, you must define a monetary amount for the transaction amount portion and base portion of the accounting entry. To define a monetary amount for the transaction amount portion, type **1** in the *Monetary* field. To define a monetary amount for the base portion, type **2** in the *Monetary* field.

To define a **B** type action definition that has separate monetary and statistical values, select both the *Monetary* and *Stat* fields.

Stat

Select this field if this is the value you want to use for a statistical definition. Statistical information is needed only for **B**, both, or **S**, statistical posting transactions.

Both

Select this field if you have a **B** type action definition and you are using the same value for both entries.

B type transactions create two separate Infinium GL batches, one monetary and one statistical.

In a multi-currency environment, you must define a monetary amount for the transaction portion and base portion of the accounting entry. To define the transaction portion, type **1** in the *Both* field. To define the base portion, type **2** in the *Both* field.

Field Usage Error Messages

The system edits your entries on this screen and can display one of the following error messages:

Monetary, Statistical or Both entries are mutually exclusive.

Page number selection must be 9 numeric positions with no decimals.

Account selection cannot have decimals.

Journal Reference selection must be alphanumeric.

Defining the Transaction Posting Amount

Access this screen by pressing [F5] on the Action Definition Field Usage screen.

The screen below is an example of a monetary definition in a non-multi currency environment, as shown by the value **M** in the rightmost column.

1/14/1998 13:15:44 GL Transaction Posting Amount JPGADM JPDADM

Action Description

Monetary definition

PRODUCT.-.G/L.POSTING.TRANSACTION.DEFINITION.....

MENU:...RECEIVE.PURCHASE.ORDERS.....

Action Identifier: Company . . . : ..IS1 Action code . . : 111

Program name . : PMGPRM1... Pass.no.....: ..1

Field	Length	Decimals	Field description	% of value to use for posting amount	Monetary Statistical or Both
ATIAMT....	17	.2	Inventory.Acct..Amount...	100.00% Tran	M

F3=Exit F6=Acct # definition F7=User field def. F24=More keys

Figure 4-11: GL Transaction Posting Amount non-multi-currency screen

GL Transaction Posting Amount

Type the percentage of the value to be used in the *% of value to use for posting amount* field.

Even if you do not access the General Ledger Transaction Posting Amount screen, Infinium JP creates an automatic account number entry for you on posting definitions.

Listed below are some of the function keys available on this screen.

Function Key	Description
[F12]	Cancels changes and returns you to the Action Definition Field Usage screen
[F6]	Advances to the Account Number Mapper screen
[F7]	Advances to the User Field Mapper screen

The screen below is an example of a monetary definition in a multi currency environment.

1/14/1998 13:18:23		GL Transaction Posting Amount		JPGADM	JPDADM
Action Description				Monetary definition	
PRODUCT.-G/L.POSTING.TRANSACTION.DEFINITION.....					
MENU:...RECEIVE.PURCHASE.ORDERS.....					
Action Identifier:		Company . . . :	..IS1	Action code . . :	111
		Program name . . :	PMGPRM1...	Pass.no.....:	..1
				% of value	Monetary
				to use for	Statistical
Field	Length	Decimals	Field description	posting amount	or Both
ATBIAM....	17	.2	Base.Invoiced.Amount.....	100.00% Base	M
ATIAMT....	17	.2	Inventory.Acct..Amount...	100.00% Tran	M
F3=Exit F6=Acct # definition F7=User field def. F24=More keys					

Figure 4-12: GL Transaction Posting Amount multi-currency screen

Mapping Fields

Access this screen by pressing [F6] from several of the action definition screens. All of the fields in which you typed 1 in the Acct# field on the Action Definition Field Usage screen display here.

Acct#, Constant

The purpose of the *Acct#* field on the Action Definition Field Usage screen is to indicate which fields are to be used in building accounts. On this screen tell Infinium JP where to place the *Acct#* and *Constant* fields within the account structure.

1/14/1998 14:13:07	Account Number Mapper	JPGADM	JPDADM
Action Description		Monetary.definition...	
PRODUCT...G/L.POSTING.TRANSACTION.DEFINITION.....			
MENU:...RECEIVE.PURCHASE.ORDERS.....			
Action Identifier: Company . . . : ..IS1		Action code . . : 111	
Program name . . : PMGPRM1...		Pass.no.....: ..1	
Field	Actual/Lookup	Account Number Placement	
Constant value	& Chase (0/1)	Component Description	
ATIACC.... Inventory.Account.Number.	A 0	Start in position. . _1	
Alpha.. ...36		For a length of. . . 20	
		Acct# start position _1	
F3=Exit F5=Value definition F7=User field def. F24=More keys			

Figure 4-13: Account Number Mapper screen

Account Number Mapper

You can map entire fields or a consecutive portion of a field. Also, you can map the actual value of a field or reference a lookup table, which connects the actual field value with a replacement value.

The company number must be included as the first segment of the account structure for Infinium GL.

If you press [F9] on this screen, the system displays the account structure with the fields and associated data that have been selected to make up the account.

Actual/Lookup

Use the *Actual/Lookup* field to designate whether you are using the value in this field or another value from a lookup table. Valid entries are **A** for the actual value in the field and **L** for lookup.

Replacement values from a lookup table allow you to convert existing field entries into general ledger information while preserving the original entries.

Use lookup tables to:

- Replace alphanumeric field values with numeric values
- Replace numeric field values with alphanumeric values
- Lengthen a field value

For additional information on lookup tables, refer to the “Performing Lookups” section.

Chase

The chase procedure works in conjunction with lookup tables. If you do not use the chase control, the lookup table stops as soon as it finds a replacement value. With the chase control, the lookup table continues searching until it finds a final value.

For additional information on the chase procedure, refer to the “Performing Lookups” section.

Start in position

Use this field to define the starting position within the field value from which you are using a certain number of characters. Infinium JP uses the number of characters you indicate in the *For a length of* field.

For example, you are using two characters from a five-character field value. The field value is **18305** and you are using the **05** characters. Type **4** in the *Start in position* field to begin with the fourth character from the left.

For a length of

Use this field to indicate the number of consecutive characters of the field value you are using for this portion of the general ledger account structure. Infinium JP begins with the character indicated in the *Start in position* field.

To continue the example above, you are using the field value **18305** and you are using the **05** characters. Type **2** in the *For a length of* field to instruct Infinium JP to use a total of two characters.

Another example of the *Start in position* and *For a length of* fields involves companies. You have defined company CA1 in Infinium CA. Because the *Company* field is actually five characters long and right-justified, the company code contains two blanks before the last three characters.

In order to use the **CA1** portion within **__CA1**, type **3** in the *Start in position* field and **3** in the *For a length of* field.

Acct# start position

Use this field to indicate where to place this data within the total Infinium GL account structure.

For example, if you have the account structure CO# - DIV - DEP - ACCT - SUB and **43** should go in the first two positions of the subaccount, then type **18** in the *Acct# start position* field.

The system reads the account structure as if each position, including separator characters, has its own sequential identifier. If you count the positions within the example chart of account structure, CO# - DIV - DEP - ACCT - SUB, position **18** is the start of the subaccount.

When you press [Enter], the system verifies you have not overlaid any fields in the account structure or omitted any parts of the account structure.

Listed below are some of the function keys available on this screen.

Function	
Key	Description
[F12]	Cancels any action and returns you to the Action Definition Field Usage screen
[F5]	Advances to the GL Transaction Posting Amount screen
[F7]	Advances to the User Field screen
[F9]	Advances to the Work with Account Number Structure screen

Viewing the Account Number Structure

This screen displays the fields used, where they are used, and what their descriptions are for this action definition. Access this screen by pressing [F9] from the Account Number Mapper screen.

```

1/14/1998 14:13:37 Work with Account Number Structure
-----
Account length. . . . 20
Account structure . . XXX-XXX-XXX-XXXX-XXX
                        1...5...1...1...2...2...3...3.
                        0  5  0  5  0  5

Field
Name & length ..Component.. ..Acct#.. Field description/
Constant value Beg End Lngth Beg  End Component description
ATIACC      36   1  20  20   1   20 Inventory Account Number

-----
F12=Cancel
Subfile record not found.

```

Figure 4-14: Work with Account Number Structure screen

Account Number Structure

This screen is helpful when the system detects an error in action definition mapping.

Press [F12] to cancel.

You can press [F8] from the Action Definitions prompt, Action Definition Header, and Action Definition Field Usage screens to access the account number structure. Accessing the [F8] key displays the account length and the account structure only.

Defining User Fields

Access this screen by pressing [F7] from several of the action definition screens. User fields enable you to do either of the following:

- When closing to Infinium GL in detail, pass data from your application to Infinium GL user fields for detailed journal entries. Any field that is available in the action definition can be passed to Infinium GL.
- When closing to Infinium GL in summary, add levels of summarization to Infinium GL journal entries thus creating more explicit journal entries. Data in user fields that are not identified as summarization levels will not pass to Infinium GL; however, user fields identified as summarization levels will pass to Infinium GL.

1/14/1998 13:21:25		User Field Mapper		JPGADM	JPDADM
Action Description			Monetary definition		
PRODUCT.-.G/L.POSTING.TRANSACTION.DEFINITION.....					
MENU:...RECEIVE.PURCHASE.ORDERS.....					
Action Identifier: Company . . . :		..IS1	Action code . . :		111
Program name . . :		PMGPRM1...	Pass.no.....:		..1

Field	Length	Decimals	Field description	Map to User Field						
				1	2	3	4	5	6	7
ATITEM....	Alpha..	...20	Item.Code.....	1	-	-	-			
ATPOID....	Alpha..	...20	Purchase.Order.ID.....	-	1	-	-			
ATRTYP....	Alpha..	....2	Record.Type.....	-	-	1	-			
ATJPTN....	Numeric	...11	.0 JP.Transaction.Number.....	-	-	-	1	-	-	
ATAUDT....	Numeric	...9	.0 AP.Audit.Number.....	-	-	-	-	1	-	
ATPRLG....	Numeric	...9	.0 Receipt.Log.Key.....	-	-	-	-	-	1	

F3=Exit F5=Value definitions F6=Acct# definitions F24=More keys

Figure 4-15: User Field Mapper screen

User Field Mapper

The fields the system displays at the bottom portion of this screen are those that contain **1** in the *Ufld* field on the Action Definition Field Usage screen.

Map to User Field

The fields in the *Map to User Field* section correspond to the user fields as follows:

- | | |
|----------|----------------------|
| 1 | Alphanumeric field 1 |
| 2 | Alphanumeric field 2 |
| 3 | Alphanumeric field 3 |
| 4 | Alphanumeric field 4 |
| 5 | Numeric field 1 |
| 6 | Numeric field 2 |
| 7 | Date field |

Type **1** in the appropriate field to select one of the user fields.

The table below lists the Infinium JP user fields and their corresponding Infinium GL user fields.

Field in Map to User Field	JP User Field Name	Corresponding GL User Field Name	GL User Field Description
1	JXUF01	GXAF01	Alphanumeric field 1
2	JXUF02	GXAF02	Alphanumeric field 2
3	JXUF03	GXAF03	Alphanumeric field 3
4	JXUF04	GXAF04	Alphanumeric field 4
5	JXUF05	GXAF05	Numeric field 1
6	JXUF06	GXAF06	Numeric field 2
7	JXUF07	GXDF1H GXDF18 GXDF1E	Hundred year format 8-digit date format Edited date format

Press [F5] to return to the GL Transaction Posting Amount screen, [F6] to return to the Account Number Mapper screen, or [F12] to return to the Action Definition Field Usage screen.

Summarizing General Ledger Entries with User Fields

Summarizing Entries

Infinium JP automatically summarizes entries for you if you post in summary. Automatic summarization uses the following as grouping categories:

- Module
- Period
- Year
- Account
- Transaction Currency

For currency processing, when closing in summary, Journal Detail records will now be summarized by transaction currency as well as account.

You can further summarize entries by using the following:

- The four alphanumeric fields
- The *Job Number* field

For example, the table below represents summarizing by department. Each row represents a transaction; however, more than one row can be summarized to a single journal entry.

Module	Period	Year	Acct	Dept	Amount	Journal Entry
PM	01	96	001	A	\$1	\$3
PM	01	96	001	A	\$2	
PM	01	96	001	B	\$3	\$3
PM	01	96	002	A	\$4	\$9
PM	01	96	002	A	\$5	
PM	01	96	002	C	\$6	\$13

Module	Period	Year	Acct	Dept	Amount	Journal Entry
PM	01	96	002	C	\$7	\$13
PM	01	96	003	D	\$8	\$8
PM	01	96	003	E	\$9	\$9

Only six journal entries for Infinium GL are indicated in the Journal Entry column in the table above.

To summarize Infinium GL journal entries, you must type **S** in the *Summary/detail journal entries* field in the Action Definition Header screen.

If you are a multi-currency customer and you want to view the exchange rate information in Infinium GL, you cannot post in summary. When you are processing in summary, visibility of each detail line's exchange rate is lost and the system defaults onto the summarized record an exchange rate of **1**.

Setting Up User Fields for Summarization

Defining user fields as part of account summarization includes three steps. These steps include:

- 1 Assign user field levels on the Account Definition Header screen by pressing [F16].
- 2 On the Action Definition Field Usage screen type **1** in the *Ufld* field across from the data field you are using for summarization.
- 3 Map this user field on the User Field Mapper screen.

To include a user field as part of a definition, you must map a data field to a user field. To do this, you must work with the Action Definition Header screen.


```

1/14/1998  14:17:48      Action Definition Header      JPGADM      JPDADM
                                                                 Page 2 of 3
Action Description
PRODUCT - G/L POSTING TRANSACTION DEFINITION
MENU:  RECEIVE PURCHASE ORDERS

Action Identifier:  Company . . . . : ..IS1      Action code . . : 111
                  Program name . . : PMGPRM1...  Pass no. . . . : ..1

Active/Inactive status . . . . . 1  (0 1)
Transaction type . . . . . M  (C B M S)
Validate Account Number . . . . . 1  (0 1)
G/L account passed in single field?. 1  (0 1)
Summary/detail journal entries . . S  (S D)
Debit/credit code. . . . . V  (C D V)
Debit on positive trans. amt . . . 1  (0 1 - If debit/credit code is "V")
Transaction description . . . PM RECEIPT TRANSACTION
                             Pass Description
PM RECEIPT TRANSACTION - PRODUCT
INVENTORY/EXPENSE SIDE OF THE GL POSTING JOURNAL ENTRY

F3=Exit  F5=Nxt Action Code  F6=Activate/Inactvte  F24=More keys

```

Figure 4-16: Action Definition Header screen

Summarization Levels Information

Type **S** in the *Summary/detail journal entries* field. Press [F16] to access the summary fields. The system displays the Summarization Levels window, as shown in the next screen.

1/14/1998 14:17:48

Action Definition Header

JPGADM JPDADM

Page 2 of 3

Action Description

PRODUCT - G/L POSTING TRANSACTION DEFINITION

MENU: RECEIVE PURCHASE ORDERS

Action Identifier: Company : ..IS1

Action code . . : 111

Program name . . : PMGPRM1...

Pass no. : ..1

Active/Inactive status 1 (0 1)

Transaction type M (C B M S)

Validate Account Number 1 (0 1)

G/L account passe

Summary/detail jo

Debit/credit code

Debit on positive

Transaction descr

PM RECEIPT TRANS

INVENTORY/EXPENSE

F3=Exit F5=Nxt Action Code F6=Activate/Inactvte F24=More keys

SUMMARIZATION LEVELS

One + Two +

Three + Four +

F3=Exit F4=Prompt F10=Quick access F12=Cancel

Figure 4-17: Summarization Levels window

Selecting a User Field

Type a user field name in one or more of the fields shown in the window. The user field name must correspond to the field you are going to designate on the User Field Mapper screen.

To select a valid user field, press [F4]. The system displays the Selection window.

You can use only alphanumeric fields for summarization controls.

8/11/1998 11:28:08
Action Definition Header
JPGADM
JPDADM

Page 2 of 3

Action Description
RAW MATERIAL - GL POSTING TRANSACTION DEFINITION
MENU: RECEIVE PURCHASE ORDERS

Select value, press Enter.
Position _____
Search _____

Opt	Code value	Co.	Description
-	JOB#		GL JOB CODE
-	JXUF01		JP USER FIELD #1
-	JXUF02		JP USER FIELD #2
-	JXUF03		JP USER FIELD #3
-	JXUF04		JP USER FIELD #4

More...

F3=Exit F5=Nxt Action Code F6=Activate/Inactvte F24=More keys

23-79 SA MW KS CL IM DM II WHQ421 KB S2KCTLS1

Figure 4-18: Action Definition Header selection window

Summary Field Information

To select a user field to use as a summary field, type any character in the *Opt* column and press [Enter].

You can also use the job number as a summarization level.

The code value **JOB#** is the Infinium GL Job Number passed from the Infinium PM system Project ID. Define the Project ID in Infinium CA code tables and the Infinium GL code tables.

When closing in summary, the system passes to Infinium GL the value in the user field when it is identified as a summarization level.

Making Passes Active or Inactive

To display this screen, press [F6] from the Action Definition Header screen. Use this screen to activate or inactivate one or more passes.

```

1/14/1998 14:20:35      Activate/Inactivate Passes      JPGADM      JPDADM
-----
Program name . . : PMGPRM1... Action code. . . . : 111
Company . . . . : ..IS1
PRODUCT.-.G/L.POSTING.TRANSACTION.DEFINITION.....
MENU:...RECEIVE.PURCHASE.ORDERS.....

Select activate/inactivate all passes, or selectively change pass status
Activate all passes . . . 0 (0 1)
Inactivate all passes . . 0 (0 1)

Status Pass Transaction desc.   Pass description
1      1 PM RECEIPT TRANSACTI PM RECEIPT TRANSACTION - PRODUCT
1      2 PM RECEIPT TRANSACTI PM RECEIPT TRANSACTION - PRODUCT
1      3 PM RECEIPT TRANSACTI PM RECEIPT TRANSACTION - PRODUCT
1      4 PM RECEIPT TRANSACTI PM RECEIPT TRANSACTION - PRODUCT

-----
F3=Exit F12=Cancel F20=Expand

```

Figure 4-19: Activate/Inactivate Passes screen

Action Definition Pass Activation/Inactivation

To activate all passes, type **1** in the *Activate all passes* field.

To inactivate all passes, type **1** in the *Inactivate all passes* field.

Status

If this action code has multiple passes, then you can selectively inactivate passes by typing **0** in the *Status* field.

Press [Enter] to accept the changes you made to this screen. Press [F12] to cancel and to return to the initial Action Definition prompt screen.

Walking Back from GL to JP Generated Transactions

The system provides a walkback from Infinium GL to transactions generated in Infinium JP. Infinium JP currently sends a source transaction number to Infinium GL. When an account is closed to the general ledger, Infinium JP passes the following field values to the journal record program (GLGFSI) when generating GL batches:

- BTFS - Foreign Subsystem as sending application
- BTFSP - Foreign Subsystem Program (JPGXGL)
- BTFSL – Foreign Subsystem Library (Optional)
- GXSN1 – Audit number 1 (Unique identifier for detail closes)
- GXSN2 – Audit number 2 (Identifier for summary/detail closes)

Infinium JP also writes the journal and batch numbers into the Infinium JP general ledger transactions history file (JPPJH).

Setting up the Walkback

To set up the walkback, you must select fields in Infinium JP to determine the journal processing transaction information that displays when you look back at the transaction from Infinium GL. These fields are selected on the Action Definition Field Usage screen in Infinium JP.

Follow the path below.

- ▶ Infinium JP
- ▶ *Action Processing*
 - ▼ *Work with action definitions [WWAD]*

2000/09/01 10:59:58	Work with Action Definitions	JPGADM	JPDADM
			Page 1 of 3
Type required information and press Enter.			
Option (A C D I) . . . C			
Action Identifier			
Company	MLKJP	+	
Program name	PMGPRM1	+	
Action code	111		
F3=Exit F4=Prompt F8=Acct # structure F24=More keys			

Figure 4-20: Work with Action Definitions prompt screen

Specify the company and program associated with the walkback transaction, as well as the action code used to post the transaction to the general ledger. These are all action codes that are 100 and over. Press [Enter] twice to proceed to the Action Definition Field Usage screen.

2000/08/14 12:15:28	Action Definition Field Usage	JPGADM	JPDADM
Company . . . : MLKJP		Action code . . : 111	Page 3 of 3
Program name . : PMGPRM1		Pass no. . . . : 2	
PRODUCT - G/L POSTING TRANSACTION DEFINITION			
MENU: RECEIVE PURCHASE ORDERS			
Field	Type/length/decimals	Field Usage	
ATRACC	Alpha 36	Acct# _	Job no. _ Ufld _
RNI/INR Account Number		Walkback _2	
ATRAMT	Numeric 17 2	Acct# _	Job no. _ Ufld _
RNI/INR Amount		Page# _ Monetary _	
		Walkback _3	
ATITEM	Alpha 20	Acct# _	Job no. _ Ufld _
Item Code		Walkback _4	
ATRCNO	Alpha 20	Acct# _	Job no. _ Ufld _
Receipt Number		Walkback _5	+
F7=User Field def. F8=Acct # structure F24=More keys			

Figure 4-21: Action Definition Field Usage screen

The fields that display on this screen are determined by your entry in the *Transaction type* field on the Action Definition Header screen. The fields you select are used to build the information on the transaction journal entry that is passed to the general ledger.

You identify a field to be used in the GL Walkback by entering a number in the field. Valid entries for the walkback fields range from 1 to 99.

The fields you specify as **1** and **2** are displayed on the GL Walkback Summary screen in the third and fourth columns, respectively. All others are displayed on the JP Walkback Fields Display screen in numeric order.

If you want to use a field for multiple purposes, for example, a walkback field and a user field, type a **1** in its *User* field and type a **1** in its *Walkback* field. In this example, if you press [Enter], the system generates a user field record and a walkback entry.

The *Constant* fields on the Action Definition Field Usage screen cannot be selected as walkback fields.

Since the walkback displays the values in the JPPDCSV file, you can change the sequence or add to the number of the fields selected for walkback. The results immediately display when you access the JP Walkback Fields Display screen in Infinium GL. When you clear the JPPDCSV file, you cannot perform the walkback.

Selecting an Account for the Walkback

You can walkback to Infinium JP using the following two functions in Infinium GL:

- *Interactive Trial Balance*
- *Display processed journals*

To walkback to Infinium JP from Infinium GL, follow the steps below. This example describes walking back from the *Display processed journals* function in Infinium GL.

Follow the path below.

- ▶ Infinium JP
- ▶ *Analytical Inquiries*
 - ▼ *Display processed journals* [DPJ]

```

8/14/2000 11:47:38      Display Processed Journals      GLGTHI      GLDTHI

Company . . . . . 001 +      Type . . . . . _ M,S,blank
Year/Period/Week . . . . 2000 + __      Journal number . . . . . _____

Type options, press Enter. 5=Display

Opt Co  Journal  Prd      Reference  Source      Type  Description
_ 001   12533   01      MONETARY   JP2000      M    JP TO GL BATCH
_ 001   12537   01      MONETARY   JP2000      M    JP TO GL BATCH
_ 001   12556   08      MONETARY   JP2000      M    JP TO GL BATCH
_ 001   12571   08      MONETARY   JP2000      M    JP TO GL BATCH
_ 001   12575   08      MONETARY   JP2000      M    JP TO GL BATCH
_ 001   12579   08      MONETARY   JP2000      M    JP TO GL BATCH
_ 001   12581   08      MONETARY   JP2000      M    JP TO GL BATCH
_ 001   12685   08      MONETARY   JP2000      M    JP TO GL BATCH
_ 001   12687   08      MONETARY   JP2000      M    JP TO GL BATCH
5 001   12688   08      MONETARY   JP2000      M    JP TO GL BATCH
_ 001   12694   08      MONETARY   JP2000      M    JP TO GL BATCH
_ 001   12214   04      STATISTICS JP2000      S    JP TO GL BATCH
                                     More...

F2=Function keys  F3=Exit  F4=Prompt  F10=Quick access  F24=More keys

```

Figure 4-22: Display Processed Journals screen

To select an account, type **5** in the *Opt* field next to a journal record and press [Enter].

```

9/19/2000 14:09:38      Display Processed Journals      GLGTXI      GLDTXI
                        Transaction details

Locate account . . . . . _____ +
Select account to walkback to subledger.

COM-DIV-DEP-ACCT-SUB      project kp  Currency      Processing
Account description      Transaction description      UNITS      Amount
_ 001-001-000-1020      USD      705.59
_ 001-001-000-1020      USD      59.95
_ 001-001-000-1020      USD      335.44
1 001-001-000-2055      USD      1295.39-
_ 001-001-001-5301      USD      194.41

Bottom

F2=Function keys  F3=Exit  F4=Prompt  F5=Fold/Unfold  F24=More keys

```

Figure 4-23: Display Processed Journals Transaction details screen.

Type any character in the *Opt* field next to an account and press [Enter]. The system displays the GL Walkback Summary screen.

9/19/00	14:10:49	GL Walkback Summary	JPGXGL	JPDXML
---------	----------	---------------------	--------	--------

GL Account . . : 001-001-000-2055	JP Company . . : MLKJP
Total posted : \$ 1,295.39-	Program. . . : PMGPRM1
Currency . . . : USD	Action Code. : 111
Source : PM	Pass : 002

PM RECEIPT TRANSACTION - PRODUCT
RECEIVED NOT INVOICED (RNI) SIDE OF GL POSTING JOURNAL ENTRY

Type option, press enter.
1=Display JP walkback fields 2=Display JP detail

Opt	Transaction Amount	Date	Purchase Order ID	Receipt Number
-	335.44-	8/11/2000	MLSTD-00398-MLK-P	0000001423-MLSTD
-	900.00-	8/11/2000	MLSTD-00398-MLK-P	0000001423-MLSTD
-	59.95-	8/11/2000	MLSTD-00398-MLK-P	0000001423-MLSTD

Bottom

F10=Quick access F12=Cancel F18=Message line

Figure 4-24: GL Walkback Summary screen

If the account that is selected in Infinium GL is closed in detail, the Infinium JP action definition that created it displays in the *Action Code* field. If the account was closed in summary, as shown in the figure above, the GL Walkback Summary screen shows multiple entries. In this case, the *Action Code* and *Pass* fields may display ***MULTI**. This would occur if transactions come from multiple action programs and/or action codes. In the example above, if PMGPRM1 (action code 101 and 111) closed in summary, ***MULTI** would be displayed in the *Action Code* field.

The first two walkback fields selected on the Action Definition Field Usage screen in Infinium JP display as the last two columns. These columns are a set length of 20 characters. If the information is greater than 20 characters, the values will be truncated.

To display the JP walkback fields from the GL Walkback Summary screen, type **1** on the *Opt* field next to an account and press [Enter].

9/19/00	14:11:36	JP Walkback Fields Display	JPGXGL	JPDXML
---------	----------	----------------------------	--------	--------

JP Company . . : MLKJP	Program. . . : PMGPRM1
Action Code. . : 111	Pass : 002

PM RECEIPT TRANSACTION - PRODUCT
RECEIVED NOT INVOICED (RNI) SIDE OF GL POSTING JOURNAL ENTRY

Purchase Order ID	: MLSTD-00398-MLK-P
Receipt Number.	: 0000001423-MLSTD
RNI/INR Amount.	: \$ 335.44-
Item Code	: MEASURE
Received Quantity	: 40.0000
Ship to Location.	: STD1

Bottom

F10=Quick access F12=Cancel F18=Message line

Figure 4-25: JP Walkback Fields Display screen

The fields on the JP Walkback Fields Display screen and their sequence are selected on the Action Definition Field Usage screen in Infinium JP.

If you have not selected walkback fields for this action definition on the Action Definition Field Usage screen, a screen similar to the one below displays.

```

9/19/00      14:19:53      JP Walkback Fields Display      JPGXGL      JPDXML

```

```

JP Company . : MLKJP      Program. . . : PMGPRM1
Action Code. : 111      Pass . . . . : 004

```

```

Bottom

```

```

F10=Quick access  F12=Cancel  F18=Message line
No fields were selected on this action definition for the Walkback Display

```

At this point you can still setup walkback fields in the *Work with action definitions* function. To display the JP Transfer Record, type **2** in the *Opt* field next to an account on the GL Walkback Summary screen and press [Enter].

Figure 4-27: JP Transfer Record Detail screen

The JP Transfer Record Detail screen displays the information that was sent to the GL transaction file. The information displayed on this screen cannot be changed once it has been sent to GL since it is a record of what has already occurred.

The part consists of the following topics:

Topic	Page
Overview of Performing Lookups	5-2
Creating and Editing Lookup Tables	5-3
Establishing Lookups in an Action Definition	5-10
Chasing Values in a Lookup Table	5-12

Overview of Performing Lookups

After you complete this part, you should be familiar with:

- Creating and editing lookup tables
- Establishing lookups in an action definition
- Chasing values in a lookup table
- Rules for lookups

Creating and Editing Lookup Tables

When you use an action definition to build an account number, you can fill in the segments of the account by either using the actual value of a field or by looking up a corresponding value in a table. This table is known as a lookup table.

Use lookup tables to reassign field values to represent something other than the actual field value. If you define an action definition to use a lookup value, the lookup replacement value is automatically substituted for the actual value of the field every time the system executes that action definition.

Specifically, use a lookup table to:

- Transform alphabetic fields to numeric values
- Convert previously defined field values to a partial account number while preserving the existing entry for other applications
- Expand fields to a larger field size
- Replace the value of one field with another when the original field value is blank or a specific value
- Associate one field with a full general ledger account number

To associate one field with a full general ledger account number, use one lookup field several times within the same action definition. For example, define a lookup value to be a full account number:

001-004-7775-013

On the Action Definition Field Usage screen, type **4** in the *Acct#* field next to field XYZ to perform a lookup on field XYZ and the account number has 4 sections. Press [Enter] and the screen displays field XYZ four times.

Press [F6] to display the Account Number Mapper screen. Type the following values in the *Account Number Placement* fields:

Field	Start in position	For a length of	Acct # start position
XYZ	1	3	1
XYZ	5	3	5
XYZ	9	4	9
XYZ	14	3	14

Lookup tables follow a hierarchy. Infinium JP uses this hierarchy when deciding which lookup table to use for a field. The most specific lookup table and the one first searched is a company/action code table. To create this, complete the *Company*, *Program name*, *Action code*, and *Field name* fields.

The next level lookup table is company-specific. To create this, complete the *Company* and *Field name* fields.

If you are using the Infinium Project Accounting *Project ID* field as a lookup in Infinium IC or Infinium PM action definitions, the lookups must be set up using the maximum number of digits, since this field is left justified. For example, the *Project ID* field has a maximum of 10 digits. If you are using the *Project ID* field as a lookup in Infinium IC or Infinium PM, the field must contain 10 digits, with all spaces before the project ID filled with zeroes.

If 575=001 is the lookup, then it must be set up to be 0000000575=0000000001.

Follow the path below.

- ▶ Infinium JP
- ▶ *Action Processing*
 - ▼ *Work with lookups* [WWL]

Action Points That Contain Lookups

This screen lists all action points that contain lookups. It lists an action point only if you have defined lookup values for that action point.

1/14/98 14:22:34 Work with Lookups JPGALM JPDALM

Type option(s) and press Enter
4=Delete 5=Display

Opt	Company	Program	Act.Code
-	IS1		
-	IS1	ICGRTO	115
-	IS1	OPGFIGL	71
-	IS1	OPGFIGL	101
-	IS1	OPGFIGL	111
-	IS1	PMGPHM	1
-	IS1	PMGPHM	2
-	IS1	PMGPHM	11
-	IS1	PMGPHM	12
-	IS1	PMGPHM	21
5	IS1	PMGPHM	22
-	IS1	PMGPRM1	1

More...

F3=Exit F5=Refresh F6=Add F10=Quick access F12=Cancel F18=Message line

Figure 5-1: Work with Lookups selection screen

For example, the first time you select this option, this screen is blank because you have not defined any lookup values.

To modify a lookup table for an action point, type **5** in the *Opt* field next to that action point and press [Enter].

To delete a lookup table for an action point, type **4** in the *Opt* field next to that action point and press [Enter].

To add a new lookup table, press [F6].

Lookup Values

This screen displays fields that have lookup values. These fields are associated with the action point you selected on the previous screen.

1/14/98	14:23:00	Work with Lookups	JPGALM	JPDALM
<hr/> Company ... IS1 Program ... PMGPHM Action Code ... 022				
Type option(s) and press Enter 4=Delete 5=Display				
Opt	Field Name	Description		
	<u>PDCODE</u>	Commodity code		
5	PHBYID	Buyer ID		
<hr/> Bottom				
F3=Exit F5=Refresh F6=Add F10=Quick access F12=Cancel F18=Message line				

Figure 5-2: Lookup Field Values selection screen

To modify lookup values for a field, type **5** in the *Opt* field next to that field and press [Enter].

To delete lookup values for a field, type **4** in the *Opt* field next to that field and press [Enter].

To add a new lookup table, press [F6].

Lookup Table

This screen displays the lookup table for the field selected on the previous screen.

```

2/13/98  18:21:54          Work With Lookups          JPGALM          JPDALM
-----
Company ... JPCA1  Program ...          Action Code ... 000
Field ... PSACC      Account number - MULTI-SHIP PO FILE

Type option(s) and press Enter.
2=Change 4=Delete 8=Display

Opt  Lookup Value          Return Value          Rtn
                                Fld

-
- *ANY                      CA1-100-001-6344-RM1  Y
- CA1-300-003-6344-RM1
- CA1-200-001-1030-RM1          Y

Bottom

F3=Exit F5=Refresh F6=Add F10=Quick access F12=Cancel F18=Message line

```

Figure 5-3: Lookup Field Values detail screen

To modify lookup values for a field, type **2** in the *Opt* field next to that action point and press [Enter].

Lookups allow you to replace the look up value with a different value that displays in the *Return Value* field, or you can search another database and replace the lookup value with a value from the other database. Indicate a lookup value in the *Rtn Fld* field with **Y**.

Rtn Fld

The system displays **Y** in the *Rtn Fld* field if you associated a return field with that lookup value. Press [F11] to display the return fields.

If you press [F6] on this screen, you can add a new lookup value or replacement field.

Lookup Table Alternate View

The system displays this screen when you press [F11] from the previous screen. This screen is an alternate view of the previous screen. It displays the associated return field, if you defined one for a lookup value.

2/13/98 18:24:35		Work With Lookups		JPGALM	JPDALM
Company ... JPCA1		Program ...		Action Code ... 000	
Field ... PSACC		Account number - MULTI-SHIP PO FILE			
Type option(s) and press Enter.					
2=Change 4=Delete 8=Display					
Opt	Lookup Value	Return Value	Rtn Fld		
-	Return field- PDACC		Y		
- *ANY	Return field- PSACC		Y		
- CA1-300-003-6344-RM1		CA1-100-001-6344-RM1			
-	Return field-				
- CA1-200-001-1030-RM1			Y		
-	Return field- PDSHPT				
			Bottom		
F3=Exit F5=Refresh F6=Add F10=Quick access F12=Cancel F18=Message line					

Figure 5-4: Lookup Return Field Values screen

To modify lookup values for a field, type **2** in the *Opt* field next to that action point and press [Enter].

If you define a replacement field, the system returns the value of that field as the replacement value of the lookup. Using the values in the screen above, if the value of the field PHBYID is **888-8888**, the system returns the value of the field PDDID.

Modifying a Lookup Value

The system displays this screen when you select a value from the previous screen to modify the lookup value.

2/13/98	18:23:26	Work With Lookups	JPGALM	JPDALM
<hr/>				
Company	JPCA1			
Program.				
Action Code.				
Field Name	PSACC			
Lookup Value	*ANY			
Replacement Value				
Replacement Field	PSACC			
<hr/>				
F3=Exit F4=Prompt F10=Quick access F12=Cancel F18=Message line				

Figure 5-5: Modify Lookup Field Values screen

The special ***ANY** code eliminates the need for building lookups to retrieve a numeric entry that is a valid account value. When the system processes lookup values, it processes actual values and blanks before it processes the special ***ANY** code. For more information on the use of the ***ANY** code, refer to the “Multiple Look-up Tables with Chase” topic several pages later in this part.

When you define a lookup value, be sure to account for blank spaces within alphanumeric fields and zeroes within numeric fields.

For example, you have a right-justified field that is five positions long. The existing values for this field are **HAT** and **K2R**. Since this is a right-justified field, the values really contain two blanks before the numbers, that is, **__HAT** and **__K2R**. You must define your entries in the Lookup Value column in the lookup table with the preceding blanks.

Replacement Value, Replacement Field

Type a value in only one of these fields.

This screen displays if you press [F6] on the Work with Lookups screen to add a new lookup value or replacement field.

Establishing Lookups in an Action Definition

In order to use a lookup table, you must set up an action definition to reference a lookup table.

Follow the path below.

- ▶ Infinium JP
- ▶ *Action Processing*
 - ▼ *Work with action definitions* [WWAD]

Account Number Mapper Information

The system displays this screen after you press [F6] from the Action Definition Field Usage screen.

1/14/1998 14:26:32	Account Number Mapper	JPGADM	JPDADM
<u>Action Description</u>		Monetary.definition...	
PRODUCT.-.G/L.POSTING.TRANSACTION.DEFINITION.....			
MENU:...RECEIVE.PURCHASE.ORDERS.....			
Action Identifier: Company . . . : ..IS1		Action code . . : 111	
Program name . . : PMGPRM1...		Pass.no.....: ..1	
<u>Field</u>	<u>Actual/Lookup</u>	<u>Account Number Placement</u>	
<u>Constant value</u>	<u>& Chase (0/1)</u>	<u>Component Description</u>	
ATIACC.... Inventory.Account.Number.	A 0	Start in position. . _1	
Alpha.. ...36		For a length of. . . 20	
		Acct# start position _1	
F3=Exit F5=Value definition F7=User field def. F24=More keys			

Figure 5-6: Account Number Mapper screen

Actual/Lookup

To refer the action definition to a lookup table for a specific application field, type **L** in the *Actual/Lookup* field.

Use the *Chase* field to indicate whether you want the system to use the first replacement value it finds in the lookup table or chase each replacement value for another corresponding value.

Chase

For more information on the *Chase* field and the chase procedure, see the “Chasing Values in a Lookup Table” section.

Start in position, For a length of, Acct# start position

You must define the values for the *Start in position*, *For a length of*, and *Acct# start position* fields according to your lookup replacement value.

Chasing Values in a Lookup Table

You can define lookup tables to use a chase procedure. The chase procedure systematically chases down the final replacement value by performing multiple searches throughout the table. The chase procedure performs the following steps:

- 1 The system finds a replacement value for the lookup value.
- 2 The system considers the replacement value to be a new lookup value.
- 3 The system searches the table again for a replacement value for the new lookup value.
- 4 The system continues to search for a replacement value until it no longer finds one. The system then uses the final replacement value found.

If you do not use the chase control, the lookup table stops as soon as it finds the first replacement value.

This procedure is beneficial for maintenance purposes if a lookup table is large and many lookup values have the same replacement values.

Follow the path below.

- ▶ Infinium JP
- ▶ *Action Processing*
 - ▼ *Work with lookups [WWL]*

Chase Values in a Lookup Table

1/14/98	14:23:22	Work With Lookups	JPGALM	JPDALM
Company ... IS1		Program ... PMGPHM	Action Code ... 022	
Field ... PHBYID		Buyer ID		
Type option(s) and press Enter. 2=Change 4=Delete 8=Display				
Opt	Lookup Value	Return Value	Rtn Fld	
- CA		888-8888		
- AMW	Return field-	999-9999		
2 888-8888	Return field-		Y	
	Return field- PDDID			
Bottom				
F3=Exit F5=Refresh F6=Add F10=Quick access F12=Cancel F18=Message line				

Figure 5-7: Lookup Return Field Values screen

In this example, if the value of the field PHBYID is **CA**, the system returns the value **888-8888**.

If chase is active, the system looks for a replacement value or field for the return value it just found. In this example, the system finds the lookup value **888-8888** and returns the value of the field PDDID. The tables on the following page illustrate the difference between using and not using chase in a lookup table.

Examples of Single Look-up Tables with “Chase”

Look-up Value	Replacement Value
001	ONE
002	TWO
003	ONE
004	ONE
005	TWO
006	ONE
ONE	1111

Look-up Value	Replacement Value
TWO	2222

Values 001 through 006 are warehouses. Warehouses are part of warehouse groups. 001, 003, 004, and 006 are in Group One. 002 and 005 are in Group Two.

Values 1111 and 2222 are account number components. Warehouse Group One needs the value 1111 and Warehouse Group Two needs the value 2222 as a component in the resolution of an account number.

It is easier and more efficient to maintain the table above than the one below.

Look-up Value	Replacement Value
001	1111
002	2222
003	1111
004	1111
005	2222
006	1111

Multiple Look-up Tables With “Chase”

Use multiple lookup tables with “chase” to build your general ledger account numbers.

When you use project names that do not correspond to the general ledger account number, refer to the data on the screen below.

3/03/98	12:41:45	Work With Lookups	JPGALM	JPDALM
Company ... JPCA1		Program . .	Action Code ... 000	
Field ... PDDID		Project ID		
Type option(s) and press Enter.				
2=Change 4=Delete 8=Display				
Opt	Lookup Value	Return Value	Rtn Fld	
-	EVANS	035		
-	Return field-			
-	ALLEN	036		
-	Return field-			
-	TOMS	037		
-	Return field-			
-	Return field- PDDID		Y	
Bottom				
F3=Exit F5=Refresh F6=Add F10=Quick access F12=Cancel F18=Message line				

Figure 5-8: Work with Lookups screen

In this example, the Project ID **Evans** must be changed to a value of **035**. Enter all the project names with their equivalent replacement values. When the *Lookup Value* field is blank, the system searches the *Department ID* field for a value that it can use to build an account number.

When you use project names that contain a part of the general ledger account number (for example, **DO35**), refer to the data on the following screen.

```

3/03/98 12:38:12          Work With Lookups          JPGALM          JPDALM
-----
Company ... JPCA1  Program . .          Action Code ... 000
Field ... PDPID      Project ID

Type option(s) and press Enter.
2=Change 4=Delete 8=Display

Opt  Lookup Value          Return Value          Rtn
                                Fld

-          Return field- PDDID                                Y
- *ANY          Return field- PDPID                                Y

Bottom

F3=Exit F5=Refresh F6=Add F10=Quick access F12=Cancel F18=Message line █

```

Figure 5-9: Work with Lookups screen

In this example, when **DO35** is part of the *Project ID* (**PDPID**), the Lookup tables establish what field the system uses instead of the *Project ID* field. When the *Lookup Value* field is blank, the system uses the value in the *Department ID* (**PDDID**) field.

The ***ANY** indicates that if the *Lookup Value* field is not blank, the system should use the value in the *Project ID* field. The system requires only these two values because the *Project ID* corresponds to the appropriate general ledger account number.

Below is an example of how you can use a Look-up using the table replacement value.

Look-up Value	Replace Value	Replace Field	Look-up for Replacement Field	Returned Value
Yes	Yes	Blank	N/A	Replacement Value
Yes	Blank	Yes	No	Replacement Field Value

Look-up Value	Replace Value	Replace Field	Look-up for Replacement Field	Returned Value
Yes	Blank	Yes	Yes	Replacement Field Look-up Value
Blank	Yes	Blank	N/A	Replacement Value
Blank	Blank	Yes	No	Replacement Field Value
Blank	Blank	Yes	Yes	Replacement Field Look-up Value
*ANY	Cannot use *ANY for replacement value	Blank	N/A	N/A
*ANY	Blank	Yes	No	Replacement Field Value
*ANY	Blank	Yes	The *ANY capability eliminates the need for building look-ups in order to retrieve a numeric entry that is a valid account value	N/A

Notes

Part 6

Copying Action Definitions and Lookup Tables

6

The part consists of the following topics:

Topic	Page
Overview of Copying Action Definitions and Lookup Tables	6-2
Copying Action Codes	6-3
Copying Lookup Tables	6-10

Overview of Copying Action Definitions and Lookup Tables

After you complete this part, you should know how to copy the following:

- An action definition in one company to an action definition in another company
- All action codes in a program to another company
- All action definitions within one company to another company
- One action definition to another action definition within the same company
- An action pass definition to the next sequential pass within that same company and action code
- Lookup tables from one company to another

Copying Action Codes

Copying a Single Action Definition from One Company to Another

When you copy an action definition, it does not replace existing action definitions or tables. The copy process only adds new tables.

You can copy one action definition in one company to another action definition in another company. If you start copying one at a time, then you must continue copying one at a time.

Often it is more convenient to copy a company's entire set of action definitions. For more information see the "Copying All Action Definitions in One Company to Another Company" section.

Follow the path below.

- ▶ Infinium JP
- ▶ *Action Processing*
- ▶ *Copy Action Definitions*
 - ▼ *Copy action definition [CAD]*

11/22/1995 14:13:59	Copy Action Definitions	JPGADM01	JPDADM01
---------------------	-------------------------	----------	----------

Type required information and press Enter. Page 1 of 1

Copy from company ____ +

Program _____

Action. ____

Copy to company ____ +

Copy to program _____

Copy to Action. ____

F3=Exit F4=Prompt F12=Cancel F10=Quick access F18=Message line

Figure 6-1: Copy Single Action Definition prompt screen

Copying a Single Action Definition

To copy a single action definition, complete all of the fields on this screen. Press [Enter] and the system displays a confirmation window. To confirm your choices, press [Enter] or press [F12] to cancel.

Copying All Action Codes within a Program to Another Company

To copy all of the action codes associated with a program at one time, use this option.

For example, to copy only the physical inventory action codes from one company to another company.

Follow the path below.

- ▶ Infinium JP
- ▶ *Action Processing*
- ▶ *Copy Action Definitions*
 - ▼ *Copy action definition [CAD]*

11/22/1995 14:13:59	Copy Action Definitions	JPGADM01	JPDADM01
Type required information and press Enter.		Page 1 of 1	
Copy from company	_____ +		
Program	_____		
Action.	_____		
Copy to company	_____ +		
Copy to program	_____		
Copy to Action. . . .	_____		
F3=Exit F4=Prompt F12=Cancel F10=Quick access F18=Message line			

Figure 6-2: Copy All Action Codes prompt screen

Copying Multiple Action Codes

To copy all action codes with a program, complete the *Copy from company*, *Program*, *Copy to company*, and *Copy to program* fields.

Press [Enter] and the system displays a confirmation window. To confirm your choices, press [Enter] or press [F12] to cancel.

Copying Action Definitions within the Same Company

To copy an action definition to another action definition within the same company, you must first create the receiving action code by using the *Work with action descriptions* option.

Follow the path below.

- ▶ Infinium JP
- ▶ Action Processing
- ▶ Copy Action Definitions
 - ▼ Copy action definition [CAD]

11/22/1995 14:13:59	Copy Action Definitions	JPGADM01	JPDADM01
Type required information and press Enter.		Page 1 of 1	
Copy from company	_____ +		
Program	_____		
Action.	_____		
Copy to company	_____ +		
Copy to program	_____		
Copy to Action. . . .	_____		
F3=Exit F4=Prompt F12=Cancel F10=Quick access F18=Message line			

Figure 6-3: Copy One Action Definition to Another prompt screen

Copying One Action Definition to Another

Complete all the fields on this screen.

Press [Enter] to display a confirmation window. To confirm your choices, press [Enter] or press [F12] to cancel.

Copying All Action Definitions in One Company to Another Company

You can copy action definitions by company.

Follow the path below.

- ▶ Infinium JP
- ▶ Action Processing
- ▶ Copy Action Definitions
 - ▼ Copy definition by company [CDBC]

11/22/1995 14:16:57	Copy Definitions by Company	JPGADM02	JPDADM02
Type required information and press Enter.		Page 1 of 1	
Copy from company . . . ____ +			
Copy to company ____ +			
F3=Exit F4=Prompt F10=Quick access F18=Message line			

Figure 6-4: Copy Definitions by Company prompt screen

Copying Multiple Action Definitions

Type valid companies in both fields and press [Enter] to access the confirmation window. To confirm your choice, press [Enter] or press [F12] to cancel.

Copying Action Definitions by Pass

To create a new pass for an action code, you must use this menu option.

Follow the path below.

- ▶ Infinium JP
- ▶ *Action Processing*
- ▶ *Copy Action Definitions*
 - ▼ *Copy definition by pass* [CDBP]

11/22/1995 14:21:53	Copy Definitions by Pass	JPGADM03	JPDADM03
Type required information and press Enter.		Page 1 of 2	
Copy from company	CA1 +		
Program	ICGIAD		
Action.	101		
Pass	1		
F3=Exit F4=Prompt F10=Quick access F12=Cancel F18=Message line			

Figure 6-5: Copy Definitions by Pass prompt screen

Defining Pass Numbers

Type the pass number of the pass you are going to copy in the *Pass* field. Complete all of the fields and press [Enter].

When you press [Enter], the system copies the information and creates a new pass. For example, if you copy Pass 1 of an action definition that has three passes, the system creates Pass 4.

11/22/1995 14:22:20	Copy Definitions by Pass	JPGADM03	JPDADM03
---------------------	--------------------------	----------	----------

Type required information and press Enter.
Page 2 of 2

Copy from company CA1 +
Program ICGIAD
Action. 101
Pass 1
Copy to Pass : 3

F3=Exit F4=Prompt F10=Quick access F12=Cancel F18=Message line

Figure 6-6: Copy New Pass Information prompt screen

New Pass Information

The *Copy to Pass* field indicates the new pass the system creates. Infinium JP assigns the next available pass number.

Copying Lookup Tables

Copying Lookup Tables from One Company to Another

You can copy lookup tables from one company to another.

Follow the path below.

- ▶ Infinium JP
- ▶ *Action Processing*
- ▶ *Copy Action Definitions*
 - ▼ *Copy lookup records [CLR]*

11/22/1995 14:23:04	Copy Lookup Records	JPGALM01	JPDALM01
Type required information and press Enter.		Page 1 of 1	
Copy from company ____ +			
Copy to company ____ +			
Replace existing entries _ (1=Yes, 0=No)			
F3=Exit F4=Prompt F10=Quick access F12=Cancel F18=Message line			

Figure 6-7: Copy Lookup Records prompt screen

Copying Lookup Tables

If you type **1** in the *Replace existing entries* field, the system copies the lookup values and the replacement values.

Replace existing entries

If you leave the *Replace existing entries* field blank, the system copies only the lookup values. You must create new replacement values.

When you copy lookup tables, the system compares the lookup tables of the “from” company to any tables that may exist for the “to” company. If there are duplicate lookup values and there is a **1** in the *Replace existing entries* field, the system uses the replacement values of the “from” company. If you type **0** in this field, the lookup values of the “to” company are left intact.

Notes

Part 7

Starting and Ending the Data Collector

7

The part consists of the following topics:

Topic	Page
Overview of Starting and Ending the Data Collector	7-2
Starting the Data Collector	7-3
Ending the Data Collector	7-7
Unavailable Options When the Data Collector Is Running	7-10
Following the Data Flow	7-11

Overview of Starting and Ending the Data Collector

After you complete this part, you should be familiar with:

- Starting the data collector
- Ending the data collector
- Unavailable options when the data collector is running
- Following the data flow

Starting the Data Collector

In order for Infinium JP to process the information sent to the application data collection files, you must manually start the processor.

When you start the processor, Infinium JP runs a program that moves the JP records from the individual application data collection files to the main data collection file.

A separate data collection file exists for Infinium PM, Infinium OP, Infinium IC, Infinium MC and Infinium CA.

Follow the path below.

- ▶ Infinium JP
- ▶ *Data Collection Processing*
 - ▼ *Start data collector [SDC]*

1/13/1998	8:51:57	Start Data Collector	JPGAPI04	JPDAPI04
				Page 1 of 1
Subsystem libr		JP2000070/JPSUB542		
JOBQ used		JPJOBQ542		
Submitted Job Name		JPDC542		
Number of Jobs to start		2		
Data collector run mode		NEVER ENDING		
Delay Factor		00030		
Press Enter to Start Data Collector for current version				
F10=Quick access F12=Cancel F18=Message line				

Figure 7-1: Start Data Collector screen

Press [Enter] to start the data collector.

To automatically start the data collector from a night end processing job, type the command below from your night end jobs. You must have Infinium Application Manager in your library list to successfully run this command.

```
SBMJOB CMD(RQSAMJOB SYSD(JP) SYSV(XXX) JOBN(SDC))
```

Within this command, type your version number in place of the **XXX**.

Caution: If you do not have authority to certain AS/400 or iSeries commands and you attempt to start the Infinium JP subsystem, the system will not start the data collector. For more information, refer to the “Defining AS/400 or iSeries Authority” Appendix.

Processing flow

Infinium JP moves 500 JP records at a time to the main data collection file, also known as the Data Collector. Infinium JP also writes information for each JP record in another file known as the Key file. See the Infinium JP Data Flow diagram.

The system processes JP records according to the Key file. The Key file is similar to a to-do list: the system processes only the records on the list. This method allows Infinium JP to skip over records that remain in the Data Collector from previous runs due to errors.

After you correct the errors, reprocess the records that remain in the Data Collector. Infinium JP rebuilds keys for those records when you reprocess the records. For more information, refer to the section “Reprocessing Data Collector Records” later in this topic.

The transactions that result from successful processing are written to a General Ledger Transfer work file. Your general ledger system uses those transactions for journal entries. JP records that are successfully processed are archived in a history file. Again, see Infinium JP Data Flow diagram.

Multiple processors

When you instruct Infinium JP to use more than one processor using the *Number of collector programs to run* field in entity controls, the system divides the processing into two or more jobs. The first job constantly moves JP records from the application data collection files to the main JP Data Collector.

The second (and third, fourth, and so on) job processes the records constantly being fed to the Data Collector. Because there is more than one processor, Infinium JP is able to process multiple records at the same time. See Infinium JP Data Flow diagram.

Never-ending jobs

For never-ending jobs, the system continuously processes JP records. When the system finishes processing all the records, it sits idle for the amount of time you specify in the *Delay job interval* field in entity controls. After that period of time, the system searches for records again.

Batch jobs

For batch jobs, the system processes JP records just like never-ending jobs except that the system does not search for records after it finishes processing them. Once the system processes the last JP record, it also stops the Data Collector.

Infinium JP Data Flow

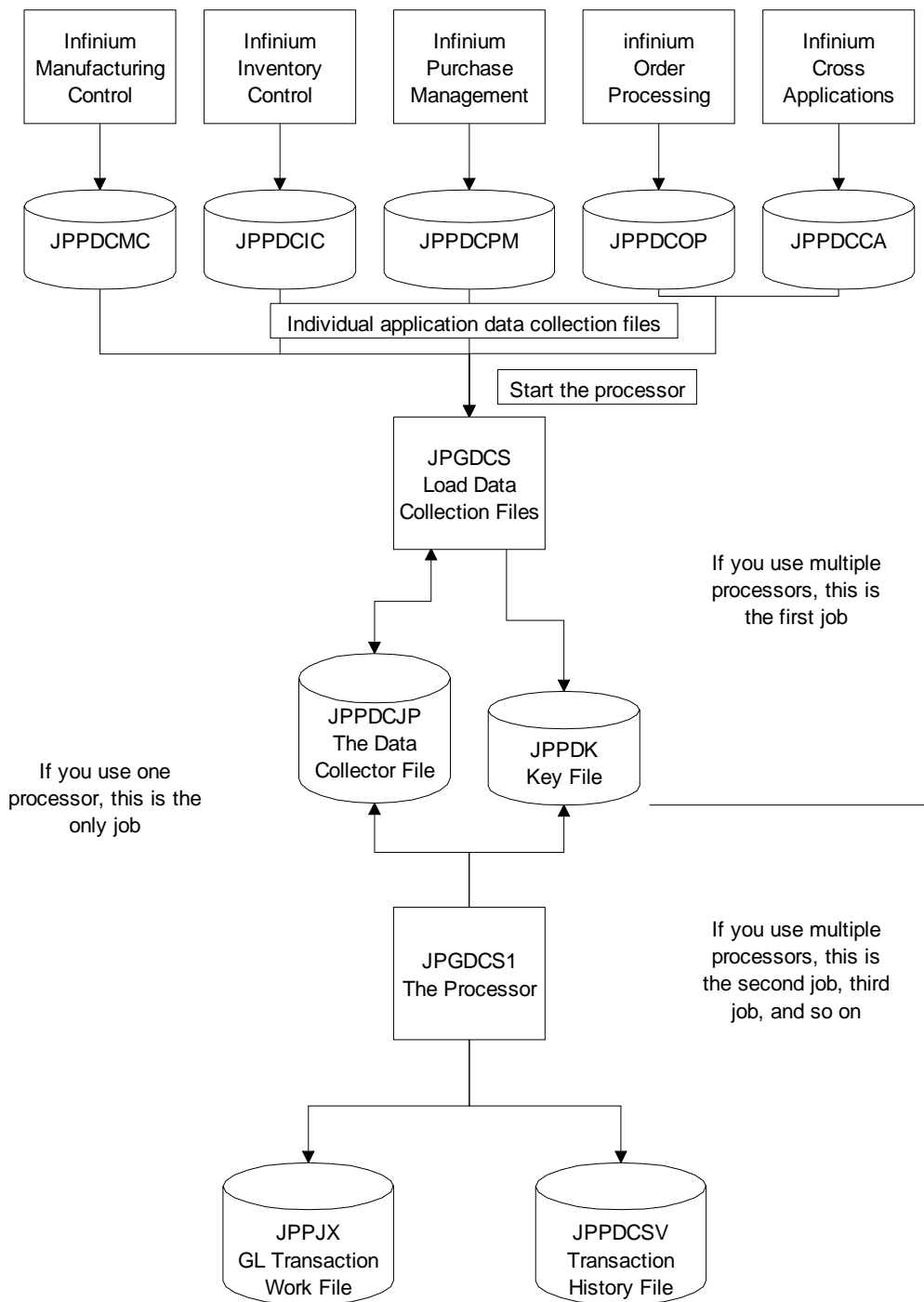


Figure 7-2: Infinium JP Data Flow

See the Entity Controls screen in the “Setting Up Controls” topic for information about the *Number of collector programs to run* field that controls this information.

Ending the Data Collector

If Infinium JP is started as a never-ending job, it runs indefinitely until you manually end the processor. For an explanation of why you would end the processor, see the last section of this topic.

Follow the path below.

- ▶ Infinium JP
- ▶ *Data Collection Processing*
 - ▼ *End & Display Data Collector* [EADDC]

Processor Not Active

If Infinium JP is inactive, the system displays the *Processor is not active* field as shown in the screen below.

1/20/1998	15:12:30	End & Display Data Collector	JPGDCP2	JPDDCP2
Type option, press enter.				Page 1 of 1
Processor is not active				
Records	File name	Records	File name	
14	JPPDCCA	1,265	COLLECTOR FILE	
66	JPPDCIC	1,080	DEFINITION ERRORS	
125	JPPDCMC	127	ACCOUNT # ERRORS	
144	JPPDCOP	0	INACTIVE INTERFACE	
96	JPPDCPM	1,207	TOTAL ERRORS	
		1,001	GL TRANSFER FILE	
F3=Exit F5=Refresh F10=Quick access				

Figure 7-3: End & Display Data Collector screen, processor inactive

To start the data collector, select the *Start data collector* option.

If the processor is active and you select this option, the system displays the screen shown below.

```

1/20/1998 15:14:08      End & Display Data Collector      JPDGCP2      JPDDCP2
-----
Type option, press enter.                                     Page 1 of 1

Terminate processor subsystem now . . . . _ (0=No 1=Yes)

Records  File name
      0  JPPDCCA
      0  JPPDCIC
      0  JPPDCMC
      0  JPPDCOP
     25  JPPDCPM

Records  File name
    1,690 COLLECTOR FILE
    1,080 DEFINITION ERRORS
      127 ACCOUNT # ERRORS
        0 INACTIVE INTERFACE
    1,207 TOTAL ERRORS

    1,001 GL TRANSFER FILE

-----
F3=Exit F5=Refresh F10=Quick access

```

Figure 7-4: End & Display Data Collector screen, processor active

Terminator Processor Subsystem

If Infinium JP is active, the system displays the *Terminate processor subsystem now* field as shown in the screen above. To terminate Infinium JP, type **1** in the *Terminate processor subsystem now* field. When you press [Enter], the system ends the processor.

When the Journal Processor Data Collector is not started, records generated by each Infinium MM application are held in these Application Data Collector files. Then, when the Journal Processor Data Collector is started, the system moves the records from the Application Data Collectors into the Journal Processor Data Collector Collection file.

If the records contain errors, they remain in the “Collection” and the error count is incremented. If the records do not contain errors, the system moves them to the GL Transfer file, the JPPJX file, a holding file of valid records ready to send to Infinium GL, and the system increments that number.

Data Collector File Status

The files displayed on the left side of the screen are the Application Data Collection files.

Use the error counts in the Data Collector to determine if you must reprocess any data records. If errors exist, print the appropriate report to identify the corrections you must make. The table below lists the errors identified on the screen above and the corresponding report.

Error Code	Error Type	Corresponding Error Report
N	Definition errors	Definition Error Report
E	Account number errors	Account Error Report
I	Inactive/missing interface	Inactive Definition Report

Unavailable Options When the Data Collector Is Running

The system does not allow you to select the following options if the processor is running:

- *Work with entity controls*
- *Work with action description*
- *Work with field list*
- *Work with field cross-reference*
- *Work with action definitions*
- *Copy action definition*
- *Copy definition by company*
- *Copy definition by pass*
- *Copy lookup records*
- *Reprocess error transactions*
- *Purge data collection file*

You can select the *Generate GL Batches* option while the processor is running.

Once you have established all action definitions, you are able to start the processor and let it run continuously; however, there are certain situations when it is beneficial for you to end it.

For example, you have the processor running and discover you have errors. You have records left in the Data Collector that are waiting to be reprocessed. End the processor in order to work with the action definitions that allowed the errors.

If you start the processor before reprocessing the error transactions, it is possible that a previously unknown error could occur before you select the *Reprocess error transactions* option. If this were to happen, you would purge an error transaction that has not been corrected, causing you to lose the transaction completely.

Infinium recommends that you end the processor before selecting the *Recreate data collection file* option.

Following the Data Flow

Data Flow for Technical Users

This section is for technical users of the system.

Infinium JP uses two programs to process the data to be passed to Infinium GL: JPGDCS1 and JPGDCS.

The Load Data Collection Files program, JPGDCS1, performs the following tasks:

- 1 Reads the data collection files JPPDCOP, JPPDCIC, JPPDCPM, JPPDCMC, and JPPDCCA. These are the individual application data collection files to which Infinium OP, Infinium IC, Infinium PM, Infinium MC, and Infinium CA write their transaction data.

When JPGDCS1 finds a record in an application data collection file, the system writes a record with the application data to the main Data Collector file, JPPDCJP. At this point the data is still raw data from the applications.

- 2 Writes a record to the Key file, JPPDK, which is used by the Processor program, JPGDCS, as both a trigger to indicate that a record exists in the Data Collector file, JPPDCJP, and as the key or pointer to the JPPDCJP record.
- 3 Deletes the JPPDCxx record (where xx is the system identifier).

At this point, the data from the application exists in the JPPDCJP records with pointers to this data in the JPPDK file.

Transaction Processor Program

The Processor program, JPGDCS, performs the following tasks:

- 1 After finding a JPPDK record, JPGDCS reads the corresponding JPPDCJP record and uses the information from the Action Definition Header file, JPPAH, and the Action Definition Detail file, JPPAD, to build the general ledger transaction.

JPGDCS builds the general ledger account number and other data based on the action definition. The system writes the action point and other information in the JPPDCJP record.

- 2 Writes the general ledger transaction record to the GL Transaction Work file, JPPJX, and writes a history record to the Transaction History file, JPPDCSV. The program then deletes the associated JPPDK and JPPDCJP records.

If JPGDCS detects edit errors, or if the action point is inactive, the program does not delete the transaction from JPPDCJP. It does, however, delete the pointer record from JPPDK. The program also flags the JPPDCJP record as being in error.

If you are using multiple processors, they are used to execute multiple copies of JPGDCS.

Process or delete the error records through the menu options *Reprocess error transactions* and *Purge data collection file* respectively.

The *Reprocess error transactions* function does the following:

- Writes a new pointer to the JPPDK file
- Removes the error code from the JPPDCJP file

The transaction can now be reprocessed by JPGDCS.

Part 8

Completing Post Processing Activities

8

The part consists of the following topics:

Topic	Page
Overview of Completing Post Processing Activities	8-2
Reprocessing Data Collector Records	8-3
Purging Error Transactions	8-7
Generating General Ledger Batches	8-9
Creating General Ledger Posting Transactions	8-16

Overview of Completing Post Processing Activities

After you complete this part, you should be familiar with:

- Reprocessing data collector records
- Purging error transactions
- Generating Infinium GL batches
- Creating Infinium GL posting transactions

Reprocessing Data Collector Records

Correcting Errors

Infinium JP does not process records in the main data collection file under certain circumstances. The system marks the records as being in error. You must correct the errors before reprocessing the data.

If you type **0** (No) in either the *Validate Account Number* field on the Action Definition Header screen or the *Verify Acct #* field on the Work With Entity Controls General Information screen, the system does not validate the account. The system identifies recursive errors only for that action definition.

You can print three reports to identify the specific errors you must correct. The table below lists the error reports and the corresponding errors that are listed on each one.

Within these reports different types of errors are specially coded. The following table identifies the different types of errors.

Definition Error Report

Error Code	Sub Code	Error Type	Errors Listed
N	Blank	No qualifier needed	Action definition does not exist or the posting amount is zero or negative
	\$	No posting amount	
	-	Negative value	
	#	Missing base posting amount	

Account Error Report

Error Code	Sub Code	Error Type	Errors Listed
E	1	Recursive look-up	Account number is invalid or the recursive lookup occurs in the lookup table
	2	Invalid account	
	3	Inactive account	
	4	Inconsistent Usage (P/S)	

Inactive Definition Report

Error Code	Sub Code	Error Type	Errors Listed
I	No	None	Action definition is not active

When the system is processing records, it detects definition errors first, followed by account errors. The system flags only one error at a time. For example, if you have all three types of errors in an action definition, you have to correct an error and reprocess the record a total of three times.

Reprocessing Records

After you correct the errors listed above, use the *Reprocess error transactions* menu option to reprocess records.

Reprocessing removes only the error flags. You must start the Data Collector separately.

The menu option uses the programs JPGDCP3 (Reprocess Prompt program) and JPGDCS2 (Load Records to JPPDK to Reprocess program) to update the following files:

- JPPDCJP Data Collector file
- JPPDK Key file

Follow the path below.

- ▶ Infinium JP
- ▶ *Data Collection Processing*
 - ▼ *Reprocess error transactions* [RET]

1/13/1998	8:57:05	Reprocess Error Transactions	JPGDCP3	JPDDCP3
Type required information and press Enter.			Page 1 of 1	
Reprocess type . . .	A = All types of errors. E = Account # Errors I = Inactive Interface N = Definition Errors			
<hr/> F3=Exit F10=Quick access F12=Cancel F18=Message line				

Figure 8-1: Reprocess Error Transactions screen

Reprocessing Error Transactions

Type the appropriate option in the *Reprocess type* field and press [Enter].

Reprocess type

The types of errors you reprocess according to the *Reprocess type* field are listed below, along with the corresponding error report in which they are listed.

- | | |
|----------|---|
| N | Action definition does not exist or the posting amount is zero or negative; or, the base and transaction currencies differ.

Listed in the Definition Error report. |
| I | Action definition is not active

Listed in the Inactive Definition report. |
| E | Account number is invalid or recursive lookup occurs in lookup table

Listed in the Account Error report. |

If an account number is resolved prior to starting the Data Collector and is incorrect (invalid on the general ledger), then you can get the record through the Data Collector by:

- DBU or DFU the correct number onto JPPDCJP and reprocess/rerun the Data Collector, or
- Change the entity level general ledger validation to **0** and reprocess/rerun the processor. See the “Setting Up Entity Controls” topic in this guide for more information about this validation control.

Purging Error Transactions

Infinium JP does not automatically delete records from the JP Data Collection file that do not pass the validation procedures.

Use the *Purge data collection file* option to delete invalid records from the main data collection file, JPPDCJP.



WARNING

Use this option only if you are sure the records you are purging are unnecessary or invalid. Use this option after you have corrected conditions that caused errors and have reprocessed the records in error.

Follow the path below.

- ▶ Infinium JP
- ▶ *Data Collection Processing*
- ▼ *Purge data collection file* [PDCF]

7/28/1998	9:57:51	Purge Data Collection File	JPGDCP1	JPDDCP1
Type required information and press Enter.		Page 1 of 1		
Select transaction type to purge . . . _ A = All the following errors				
E = Account # Errors				
I = Inactive Interface				
N = Definition Errors				
G = Account Resolution Errors				
F3=Exit F10=Quick access F12=Cancel F18=Message line				

Figure 8-2: Purge Data Collection File screen

Type the appropriate option in the *Select transaction type to purge* field and press [Enter].

You can purge records in the categories **A**, **E**, **I**, and **N** after the Infinium JP Data Collector has ended.

Only purge **G** records when the system is unavailable to application users. In normal Infinium JP processing, the system builds the account and passes this information on and then deletes the records in the Infinium JP Data Collector. When an abnormal halt or error occurs during account resolution, the system marks this record as **G** and this record remains in the data collector until you purge the **G** records.

Generating General Ledger Batches

Use the *Generate GL Batches* option to generate Infinium GL batches from Infinium JP transaction records that pass the validation procedures.

Follow the path below.

- ▶ Infinium JP
- ▶ *Data Collection Processing*
 - ▼ *Generate GL Batches* [GGLB]

```
1/13/1998  9:06:49      Generate GL Batches      JPGGLP      JPDGLP

Type options, press Enter.                                     Page 1 of 2

G/L Company ID . . . . . :    401  +

F3=Exit  F4=Prompt  F10=Quick access  F12=Cancel  F18=Message line
```

Figure 8-3: Generate GL Batches prompt screen

Type the appropriate Company code in the *GL Company I.D.* field and press [Enter]. The company must be a valid Infinium GL company.

You can prompt on the *GL Company I.D.* field and select multiple companies. The system processes a batch for each company that you select. If you select multiple companies, ***MULT** displays in the *GL Company I.D.* field. If your last selection was for multiple companies, *MULT defaults in this field, but the company values are no longer associated with *MULT. You must reselect new companies before proceeding

with the batch.

2000/07/24 12:29:11	Generate GL Batches	JPGGLP	JPDGLP
Type options, press Enter.		Page 2 of 2	
G/L Company ID	CA1		
Monetary, Statistical or Both . .	<u>M</u> M/S/B		
Select system code.	<u>**</u> + (Enter ** for all)		
Beginning system date to extract.	<u>00000000</u>		
Ending system date to extract . .	<u>00000000</u>		
Beginning posting date to extract	<u>00000000</u>		
Ending posting date to extract. .	<u>00000000</u>		
Close all to current period . . .	<u>1</u> (0=No, 1=Yes)		
Accounting year	<u>1999</u>		
Period.	<u>05</u>		
Close all to posting period . . .	<u>0</u> (0=No, 1=Yes)		
Auto Post Batch	<u>0</u> (0=No, 1=Yes)		
F3=Exit F4=Prompt F10=Quick access F12=Cancel F18=Message line			

Figure 8-4: Generate GL Batches Screen

Transfer General Ledger Transactions

This function allows you to transfer the following transactions to Infinium GL:

- Statistical transactions
- Monetary transactions
- Both statistical and monetary transactions

The last submissions you saved on this screen for the *Monetary, Statistical or Both, Select system code, Close all to current period, Accounting year, Period, Close all to posting period* and *Auto Post Batch* fields are used as the default values when this option is selected again.

Select system code

Type a two-character system identifier in the *Select system code* field to select the transactions from a particular application, such as Infinium IC or Infinium PM. Type ****** to select all transactions from every application.

The Beginning and Ending fields allow you to select the records you send to Infinium GL as follows:

- Use the *Beginning* and *Ending system date to extract* fields to select transactions that were written to Infinium JP within the date range you specify.
- Use the *Beginning* and *Ending posting date to extract* fields to select transactions that were written with a manually keyed transaction posting date within the date range you specify.

The difference between the system and posting dates can be explained in the following example: you receive an item on January 5 but, due to illness, do not record the receipt until January 10. You manually backdate the transaction to January 5 when you actually received the item. In this example, the system date is January 10 and the posting date is January 5.

If you do not specify a date range in either set of fields, the system processes every transaction in the Data Collector. In this instance you may want to end the processor, otherwise you will not be sure as to which records were processed.

Close all to current period, Close all to posting period

These fields are mutually exclusive. You must type **0** (No) in one field and **1** (Yes) in the other.

Close all to current period

This field allows you to create a batch in which you close each transaction to the period you specify in the *Accounting year* and *Period* fields. The system processes only those transactions that fall within the date range you specify in the *Beginning* and *Ending* fields.

Accounting year, Period

The *Accounting year* and *Period* fields relate to Infinium GL. You must type values in these fields that are valid in Infinium GL. The accounting year and period you specify in these fields defines the current period.

For example, you have not closed anything for 1994. You have defined 12 periods for 1994. Type **1** in this field, **1994** in the *Accounting year* field, and **12** in the *Period* field. The system creates one batch and closes every transaction in the date range to Period 12 in 1994.

A period does not necessarily correspond to a month.

If the period controls are not set up in Infinium GL, the system creates a fatal error that prevents the batch from being posted. This is the only fatal error in Infinium JP.

Close all to posting period

This field allows you to create a batch in which you close each transaction to the period associated with the transaction posting date. The system processes only those transactions that fall within the date range you specify in the *Beginning* and *Ending* fields.

If a date is not defined for the transaction posting date, the Infinium JP uses the system date.

Auto Post Batch

Use this field to specify whether the system automatically starts the accept and post process in Infinium GL. Type **1** in this field if you want the accept and post process to start when the journal entries are transferred. Type **0** if you do not want the accept and post process to start automatically.

The data flow of creating a general ledger batch is illustrated in the Data Flow During Creation of a General Ledger Batch diagram. For a detailed flowchart on this process, see the “Processing Flowcharts” appendix.

If you have trouble creating a general ledger batch, verify the following:

- That you have the proper Infinium GL source code defined. For more information, see the “Setting Up Control Files” section.
- That the batch is being created for the correct year and period.
- That records exist in the file for the beginning and ending periods.

If you are not using Infinium GL, you will not be able to use the *General GL Batches* option. You must create your own version of this option.

During the post processing, the system takes the user profile of the person executing the function, accesses the general ledger user security to obtain the user’s intercompany table, and passes the value to Infinium GL in case the batch contains intercompany transactions.

The Infinium MM suite now writes a source transaction number to all applicable history files. For example:

- For an Infinium PM receipt, the system currently writes the receipt log number to the PMPAT. With this change, the system also writes the receipt log number to the Infinium JP record, product journal, and cost journal.
- For Infinium IC transactions and Infinium MC batch transactions, the source transaction number is a sequential number generated from the Infinium CA entity numbers file (DMPEN). The system writes this number to the Infinium JP record, product journal, and if applicable, the cost journal.

In Infinium JP, when you execute the *Generate GL Batches* option, the following actions occur:

- The source transaction number, which the system wrote to the individual application data collector, is moved to the source transaction number in the JPPJX and then JPPJH file.
- The unique sequence number, which displays on the JPGGLR “G/L Detail Transaction Edit” report, is written to the JPPJX (and then to the JPPJH file) *Audit #1* field and then passed to Infinium GL via the GLGFSI on the *SN01* field.

- If one of the action points being passed to Infinium GL is flagged to close in summary, all records summarized within a particular category will have a unique number written to the JPPJX (and then to the JPPJH file) *Audit #2* field and then passed to Infinium GL via the GLGFSI in the *SN02* field.
- The system will write Infinium GL journal and batch numbers back to the JPPJH file.

To identify the source of Infinium MM accounting transactions, use the database links to go from Infinium GL to the Infinium CA product journal or cost journal. For Infinium PM transactions you can then access the Infinium PM account transaction file or the Infinium PM receipt file.

For Infinium OP, database links are only available for inventory transactions. Sales/revenue accounting entries do not write Journal Processor source transaction numbers. Also, because of the processing order, the Order Processing source transaction number is written to the Order detail, not to the Product Journal.

For Infinium MC, database links are only available for inventory transactions. Manufacturing entries do not write Journal Processor source transaction numbers. Also, because of the processing order, the Infinium MC source transaction number is written to the Manufacturing Ingredient Usage, Container Usage, and the Product Filling files, not to the Product Journal.

The database links are provided in the tables that follow. The database link is available on the Infinium GL Input Journal Detail file so that you can perform a walk back on items that may have Infinium GL posting errors.

Database Link 1

Use this database link to walk back from a detail Infinium GL journal transaction to the Infinium JP History file for that Infinium GL journal/batch number and then to the specific product or costing journal entry.

Step	Database Link	Description
1	GXJRNL = JXJRNL	Connects the Infinium GL Input Journal detail file (GLPGX) to the Infinium JP History file (JPPJH)
2	GXSN1 = JXSN01	On this same Infinium JP history record locate the JXSTR#
3	JXSTR# = PJSTR#	Connects the Infinium JP History file (JPPJH) to the Product Journal (PRDJRNL), or
	JXSTR# = CJSTR#	Connects the Infinium JP History file (JPPJH) to the Cost Journal (PRDCJRNL)

Step	Database Link	Description
4	PJSTR# = ATFLOG	Connects the Product Journal (PRDJRNL) to the Infinium PM Account Transaction file (PMPAT), or
	PJSTR# = PRFLOG	Connects the Product Journal (PRDJRNL) to the Infinium PM Receipt file (PMPPR)

Database Link 2

Use this database link to walk back from a summarized Infinium GL journal transaction to the Infinium JP History (JPPJH) file for that Infinium GL journal/batch SN02 number. Since multiple records are summarized into one Infinium GL journal entry, the system displays all the records with that specific SN02 number. If you then select a specific record, move to the product or costing journal entry for the specific transaction in question.

Step	Database Link	Description
1	GXRJNL = JXRJNL	This connects the Infinium GL Input Journal detail file (GLPGX) to the Infinium JP History file (JPPJH)
2	GXSN1 = JXSN01	If JXSN01 does not equal JXSN02, then close in summary
		Review all records with same JXSN02#, select the desired record, and continue to step #3
		On the desired Infinium JP history record locate the JXSTR#
3	JXSTR# = PJSTR#	This connects the Infinium JP History file (JPPJH) to the Product Journal (PRDJRNL), or
	JXSTR# = CJSTR#	this connects Infinium JP History file (JPPJH) to the Cost Journal (PRDCJRNL)
4	PJSTR# = ATFLOG	This connects the Product Journal (PRDJRNL) to the Infinium PM Account Transaction file (PMPAT), or
	PJSTR# = PRFLOG	this connects the Product Journal (PRDJRNL) to the Infinium PM Receipt file (PMPPR)

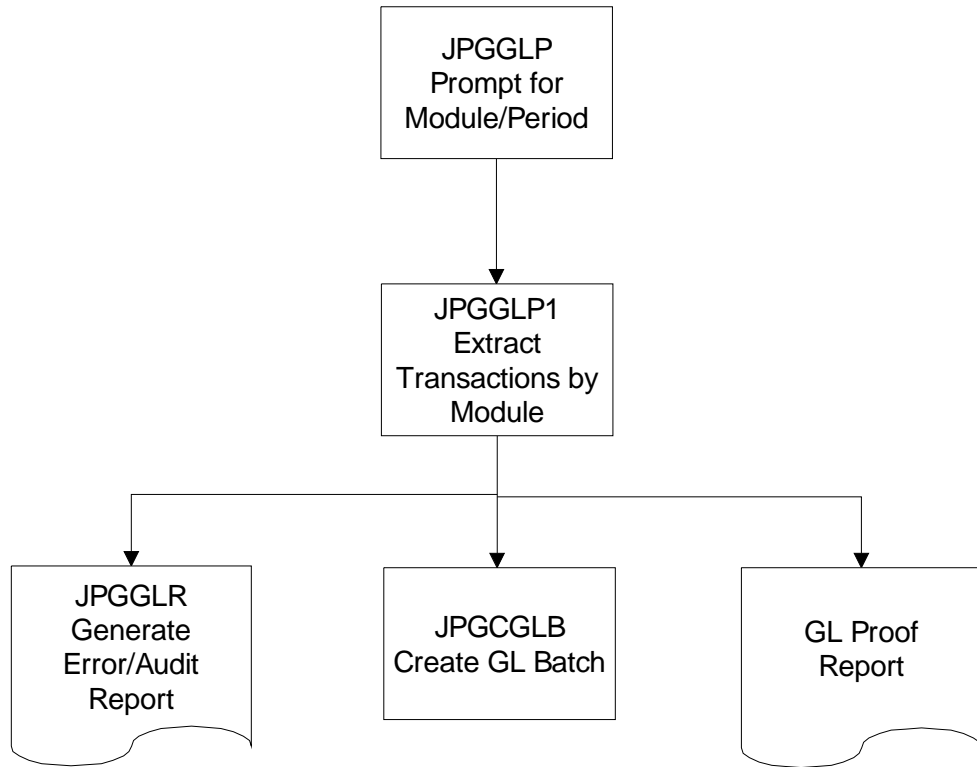


Figure 8-5: Data Flow Duration Creation of a General Ledger Batch

Creating General Ledger Posting Transactions

This section is for technical users of the system. Refer to the Data Flow During Creation of a General Ledger Batch diagram for an illustration of this process. For a more detailed representation, see the “Processing Flowcharts” appendix.

Infinium JP places posting transaction records from the GL Transaction Work file, JPPJX, into Infinium GL batches. One module (Infinium OP, Infinium PM, Infinium IC, Infinium MC, or Infinium CA) is processed at a time.

The Prompt for Module/Period program, JPGGLP, prompts for the application (module), posting period and close to current/transaction period. This interactive procedure submits the job that creates new transaction batches. The program performs appropriate validation.

Programs JPGGLP1, JPGCGLB and JPGGLR each perform one step in the batch creation process:

- The Extract Transactions by Module program, JPGGLP1, reads the GL Transaction Work file, JPPJX, and writes work records to the JP Journal Transaction Work file, JPPJW.

Validation includes Infinium GL page number, the posting period, zero amount transactions and a debit/credit balance by module.

- JPGGLP1 calls the Generate Error/Audit Report program, JPGGLR, to produce an edit or error report.

If the module does not have a fatal error, JPGGLP1 calls the Generate GL Batches program, JPGCGLB, to create general ledger batches.

- The Generate GL Batches program, JPGCGLB, creates the Infinium GL batches using the Infinium GL program GLGFSI. Infinium JP writes the transactions in detail or in summary depending on the interface definition. Summarization is by application (module), posting period and account number.

The Generate GL Batches program copies transaction records to the JP Journal Transactions History file, JPPJH, and deletes them from the JP Journal Transaction work file, JPPJW, and the GL Transaction Work file, JPPJX.

The program produces an audit trail report.

You can create batches at any time, and you can create them any number of times for each module.

Appendix A

Printing Infinium JP Reports



The part consists of the following topics:

Topic	Page
Overview of Printing Infinium JP Reports	A-2
Printing a Report	A-3
Printing the Action Program List	A-4
Printing the Action Definition Report	A-6
Printing the Definition Worksheet	A-8
Printing the Action Definition Fields	A-10
Printing the Field Cross-Reference Report	A-13
Printing the Field Where-Used Report	A-14
Printing the Field Lookup Report	A-17
Printing the Missing Definition Report	A-18
Printing the Account Error Report (Type E Error)	A-20
Printing the Definition Error Report (Type N Error)	A-21
Printing the Inactive Definition Report (Type I Error)	A-22

Overview of Printing Infinium JP Reports

Infinium JP reports identify setup information and data collection errors.

The options you use are found within the *Definition & Field Reports* and *Data Collection Reports* options.

From the *Definition & Field Reports* option, you can print the following documents:

- Action Program List
- Action Definition Report
- Definition Worksheet
- Action Definition Fields
- Cross-Reference Report
- Field Where-Used Report
- Field Lookup Report
- Missing Definition Report

From the *Data Collection Reports* option, you can print the following reports:

- Account Error Report
- Definition Error Report
- Inactive Definition Report

Printing a Report

When you select any of the report options, the system displays a screen similar to the one shown below. The example below is the screen the system displays when you select the *Print action program list* option.

Rather than immediately printing a report, the system allows you to cancel your selection.

```
Print account error report          *JPPRTPRM

Type parameters, press Enter.

Do you want to print report?
      Y
Press F12 to Cancel

F4=Prompt  F10=Quick access  F12=Cancel  F15=Change Job
```

Figure A-1: Print account error report screen

For most reporting options, the system displays the default value **Y** in the appropriate field. Press [Enter] to print the report.

Press [F12] to cancel printing.

Printing the Action Program List

This report lists, by action program, the number of action codes within each action program.

This report is useful to identify the number of action codes on your system and enables you to compare action definitions established to action definitions possible.

Follow the path below.

- ▶ Infinium JP
- ▶ *Definition & Field Reports*
 - ▼ *Print action program list [PAPL]*

This report includes the following information:

- Program name
- Module code
- Number of action codes within the program name

A sample report is shown on the next page.

JPGACL JPTACL
1/19/1998 10:40:01

Action Program List

Page 1
1

Program ID	Module Code	No. of Actions
ICGCAD2	IC	2
ICGGLT	IC	11
ICGIAB	IC	4
ICGIAD	IC	10
ICGIRP	IC	7
ICGIRR	IC	10
ICGITF	IC	2
ICGPIPM	IC	2
INR04B	IC	2
MCR025	MC	18
OPGFIGL	OP	18
OPGGLA	OP	8
PCR020	CA	2
PCR630	CA	2
PMGATM1	PM	2
PMGATM2	PM	2
PMGDM	PM	6
PMGEDFT	PM	5
PMGPHM	PM	5
PMGPRM1	PM	13
PMGRHA01	PM	6
PMGRHM	PM	9
ZZZALLOP	OP	1
Total Programs:	23*	Total Actions: 147*

-----JPJPMSGC

***** E N D O F R E P O R T *****

Printing the Action Definition Report

This report is useful because it identifies all cross-referenced fields in an action code, and their use within the action definition.

This report prints by action program and action code. This report lists all of the fields attached to each action code and identifies:

- which fields are being used in the definition
- where fields are being used in the definition

Follow the path below.

- ▶ Infinium JP
- ▶ *Definition & Field Reports*
 - ▼ *Print action definition report [PADR]*

This report includes the following information:

- All action definition header data
- Fields
- Field descriptions
- Field usage
- Value data
- Actual field usage or lookup with chase
- Segment data
- General ledger account position placement

A sample report is shown on the next page.

INVENTORY SIDE - ACCOUNT GENERATION & POSTING TRANSACTION

Field	Description	Field Usage	Amount%	INVENTORY SIDE Constant	ACCOUNT GENERATION & POSTING TRANSACTION Actual/Lookup	Chase	----- Segment ----- Start/Pos Length	Start/Pos In Acct #
ENDCOC		CHART OF ACCTS			LOOK-UP	0	003 03	01
ENGLLC		CHART OF ACCTS			ACTUAL	0	004 01	05
ENGRIN		CHART OF ACCTS			ACTUAL	0	009 04	13
JSLOC		CHART OF ACCTS			ACTUAL	0	004 01	20
RMGLTY		CHART OF ACCTS			ACTUAL	0	001 03	09
RMGLTY		CHART OF ACCTS			ACTUAL	0	005 02	18
RMUDA1		CHART OF ACCTS			ACTUAL	0	001 01	06
RMUDA2		CHART OF ACCTS			ACTUAL	0	001 01	07
JSTDAT		DDMMYY DATE			ACTUAL	0	000 00	00
JSATYP		JOURNAL			ACTUAL	0	000 00	00
JSECST		MONETARY	100.00		ACTUAL	0	000 00	00
JSCVTQ		STATISTIC VALUE	100.00		ACTUAL	0	000 00	00
JSTRNN		USER FIELD 5			ACTUAL	0	000 00	00

Printing the Definition Worksheet

This worksheet serves as a template for setting up action definitions. The worksheet lists all fields that are currently cross-referenced and allows you to view how the system uses the fields.

Follow the path below.

- ▶ Infinium JP
- ▶ *Definition & Field Reports*
 - ▼ *Print definition work sheet [PDWS]*

This report includes the following information:

- All action definition header data
- Fields
- Field descriptions
- Field usage
- Value data
- Actual field usage or lookup with/without chase
- Segment descriptions
- Segment data
- General ledger account position placement

A sample report is shown on the next page.

JPGAHR1 JPTAHR1
1/19/1998 11:54:51

Action Definition Worksheet Report

Page 34

Program Name Action Code Pass Number System Code Action Description
PMGRHM 002 1 PM RAW MATERIAL - ACCOUNT NUMBER GENERATION - EXPENSE ACCOUNT
MENU: WORK WITH REQUISITIONS - PURCHASE NON-INVENTORY ITMS

Trans/Type: (C M S B) Validate: (Y N) Single field: (Y N) Detail/Sum: (D S) Debit/Credit: (D C V) Debit on Pos. Amount: (Y N)
Transaction Description: Pass:

Field	Field Description	Field/Usg (Acct, Stat, etc)	Amount%	Fld/Val (A L)	Chase (Y)	Segment Description	----- Segment ----- Start/Pos Length	Start/Pos In Acct #
ENGLLC	GL LOCATION			-	-			
ENGRIN	GL PARTIAL ACCT-RAW MA			-	-			
PADCLS	ITEM WHS PRODUCT FAMIL			-	-			
PADCLT	ITEM WHS PRODUCT CLASS			-	-			
PADSUB	ITEM WHS PRODUCT SUB C			-	-			
PSDID	DEPARTMENT ID			-	-			
PSPID	PROJECT ID - MULTI-SHI			-	-			
PSSHIP	SHIP TO			-	-			
RDBID	BUYER ID			-	-			
RDCDE	COMMODITY CODE - REQ D			-	-			
RDDID	REQUISITION DETAIL DEP			-	-			
RDICDE	ITEM CODE			-	-			
RDPID	PROJECT ID - REQ DETAI			-	-			
RDSHPF	SHIP FROM LOCATION			-	-			
RDSHPT	SHIP TO LOCATION			-	-			
RDSIZE	SIZE CODE			-	-			
RDUDF1	USER DEFINED FIELD ALP			-	-			
RDUDF2	USER DEFINED FIELD ALP			-	-			
RDUDF3	USER DEFINED FIELD ALP			-	-			
RDUDF4	USER DEFINED FIELD ALP			-	-			
RDUDF5	USER DEFINED FIELD NUM			-	-			

Printing the Action Definition Fields

This report prints all of the Infinium JP defined fields in:

- Infinium CA
- Infinium IC
- Infinium MC
- Infinium OP
- Infinium PM

This report is useful for identifying fields already defined to Infinium JP that may be available for action code cross-referencing.

Follow the path below.

- ▶ Infinium JP
- ▶ *Definition & Field Reports*
- ▼ *Print action definition fields* [PADF]

This report includes the following information:

- Field name
- Type of field (numeric or alphanumeric)
- Length of field
- Decimal positions
- Field descriptions
- Total fields

A sample report is shown on the next page.

Field Name	Type	Length	Dec Pos	Description	
					-----JPJPMMSGC
\$CADEC	NUMERIC	15	6	ICGCAD2 - EXTENDED COST	
\$FIGAC	NUMERIC	15	6	OPGFIGL - EXTENDED COST - ADJUSTMENT - FOR TRANSFR	
\$FIGIA	ALPHANUMERIC	36		OPGFIGL - INVENTORY ACCOUNT - FROM TRANSFER WHS	
\$FIGIP	NUMERIC	9		OPGFIGL - INVENTORY ACCOUNT PAGE NUMBER	
\$FIGLT	NUMERIC	15	6	OPGFIGL - TAX ON SALES ORDER LINE ITEMS	
\$FIGMC	NUMERIC	15	6	OPGFIGL - MISCELLANEOUS CHARGES	
\$FIGNC	ALPHANUMERIC	30		OPGFIGL - GL PARTIAL ACCT-COGS FOR NO CHARGE ITEM	
\$FIGOC	NUMERIC	15	6	OPGFIGL - LINE ITEM EXTENDED COST	
\$FIGOP	NUMERIC	15	6	OPGFIGL - LINE ITEM SALES PRICE	
\$FIGPV	NUMERIC	15	6	OPGFIGL - VARIANCE AMOUNT - TRANSFERS	
\$FIGRA	ALPHANUMERIC	36		OPGFIGL - INTERCOMPANY RECEIVABLES ACCOUNT	
\$FIGRC	NUMERIC	15	6	OPGFIGL - EXTENDED COST - RECEIPT - FOR TRANSFERS	
\$FIGRP	NUMERIC	9		OPGFIGL - INTERCOMPANY RECEIVABLES PAGE NUMBER	
\$FIGSC	NUMERIC	15	6	OPGFIGL - EXTENDED COST - SHIP - FOR TRANSFERS	
\$FIGTO	NUMERIC	15	6	OPGFIGL - TOTAL SALES ORDER AMOUNT	
\$GLANC	ALPHANUMERIC	8		GL PARTIAL ACCT-CODE TABLE/GCD GRATIS CODE	
\$GLTAC	NUMERIC	15	6	ICGGLT - EXTENDED COST - ADJUSTMENT - TO WAREHOUSE	
\$GLTAQ	NUMERIC	15	6	ICGGLT - QUANTITY - ADJUSTMENT - TO WAREHOUSE	
\$GLTPV	NUMERIC	15	6	ICGGLT - VARIANCE AMOUNT - TO WAREHOUSE	
\$GLTRC	NUMERIC	15	6	ICGGLT - EXTENDED COST - TO WAREHOUSE	
\$GLTSC	NUMERIC	15	6	ICGGLT - EXTENDED COST - FROM WAREHOUSE	
\$INRPC	NUMERIC	15	6	INR04B - PURCHASE COST (FROM INR04B SCREEN)	
\$INRPV	NUMERIC	15	6	INR04B - VARIANCE AMOUNT (INR04B)	
\$INRRC	NUMERIC	15	6	INR04B - RECEIPT COST (FROM COST MATRIX)	
\$IRPCC	NUMERIC	15	6	ICGIRP - EXTENDED COST - CONTAINER - FROM SIZE	
\$IRPPC	NUMERIC	15	6	ICGIRP - EXTENDED COST - PRODUCT - FROM SIZE	
\$IRPPV	NUMERIC	15	6	ICGIRP - VARIANCE AMOUNT (ICGIRP)	
\$IRPRC	NUMERIC	15	6	ICGIRP - EXTENDED COST - RAW MATERIAL - FROM SIZE	
\$IRRRC	NUMERIC	15	6	ICGIRR - RETURN COST	

\$ITFFW	ALPHANUMERIC	5		ICGITF - FROM WAREHOUSE (ICGITF)
\$ITFPV	NUMERIC	15	6	ICGITF - VARIANCE AMOUNT (ICGITF)
\$MCRCC	NUMERIC	15	6	MCR025 - EXTENDED COST - CONTAINER
\$MCRFC	NUMERIC	15	6	MCR025 - EXTENDED COST - BATCH FILL
\$MCRIC	NUMERIC	15	6	MCR025 - EXTENDED COST - INGREDIENT
\$MCRSC	NUMERIC	15	6	MCR025 - EXTENDED COST - BATCH FILL (STD COST)
\$MCRVC	NUMERIC	15	6	MCR025 - VARIANCE AMT - STD COST (INGREDIENT/FILL)
\$PCRED	NUMERIC	15	6	PCR020 - EXTENDED COST DIFFERENCE
\$PCRTI	NUMERIC	15	6	PCR020 - TOTAL INVENTORY COST
\$PCRUD	NUMERIC	15	6	PCR020 - UNIT COST DIFFERENCE
\$PIPEC	NUMERIC	15	6	ICGPIPM - EXTENDED COST
\$RTOAC	NUMERIC	15	6	ICGRTO - EXTENDED COST - ADJUSTMENT - TO WAREHOUSE
\$RTOAQ	NUMERIC	15	6	ICGRTO - QUANTITY - ADJUSTMENT - TO WAREHOUSE
\$RTOPV	NUMERIC	15	6	ICGRTO - VARIANCE AMOUNT - TO WAREHOUSE
\$RTORC	NUMERIC	15	6	ICGRTO - EXTENDED COST - TO WAREHOUSE
\$RTOSC	NUMERIC	15	6	ICGRTO - EXTENDED COST - FROM WAREHOUSE
\$020ED	NUMERIC	15	6	PCR020 - EXTENDED COST DIFFERENCE
\$020TI	NUMERIC	15	6	PCR020 - TOTAL INVENTORY COST
\$020UD	NUMERIC	15	6	PCR020 - UNIT COST DIFFERENCE
\$630ED	NUMERIC	15	6	PCR630 - EXTENDED COST DIFFERENCE
\$630TI	NUMERIC	15	6	PCR630 - TOTAL INVENTORY COST
\$630UD	NUMERIC	15	6	PCR630 - UNIT COST DIFFERENCE
@AXCST	NUMERIC	15	2	EXTENDED COST OR EXTENDED AMOUNT 1
@AXPRC	NUMERIC	15	2	EXTENDED PRICE OR EXTENDED AMOUNT 2

Printing the Field Cross-Reference Report

This report prints field cross-references by program name and action code and is useful for identifying all fields attached to each action code.

Follow the path below.

- ▶ Infinium JP
- ▶ *Definition & Field Reports*
 - ▼ *Print cross-reference report [PCRR]*

This report includes the following information:

- Field name
- Field description

Printing the Field Where-Used Report

This report lists, by field, all program names and action codes where the system is using each field.

This report is useful in identifying field usage within an action definition.

Follow the path below.

- ▶ Infinium JP
- ▶ *Definition & Field Reports*
 - ▼ *Print field where-used report* [PFWUR]

This report includes the following information:

- Field name
- Field description
- Program name
- Action code

A sample report is shown on the next page.

JPGAFR1 JPTAFR1
1/19/1998 14:20:14

Fields Where Used List

Page 17

Field Name	Description	Program Name	Action Code
-----JPJPMSGC			
ADJGL#	GL PARTIAL ACCT-ADJUSTMENT TYPE	ICGIAD	103
		ICGIAD	104
		ICGIAD	113
		ICGIAD	114
ADJTYP	ADJUSTMENT TYPE	ICGIAD	101
		ICGIAD	102
		ICGIAD	111
		ICGIAD	112
		ICGGLT	105
		ICGGLT	115
		ICGIRP	101
		ICGIRP	111
		ICGIRP	141
		ICGITF	101
		ICGIRR	101
		ICGIRR	102
		ICGIRR	103
		ICGIRR	104
		ICGIRR	111
		ICGIRR	112
		ICGIRR	113
		ICGIRR	114
		ICGITF	111
		ICGGLT	101
		ICGGLT	102
		ICGGLT	103
		ICGGLT	104
		ICGGLT	111
		ICGGLT	112

AJTRNN	ADJUSTMENT TRANSACTION NUMBER
--------	-------------------------------

ICGGLT	113
ICGGLT	114
ICGIAB	101
ICGIAB	102
ICGIAB	111
ICGIAB	112
ICGIRP	102
ICGIRP	112
ICGIRP	151
ICGIRP	142
ICGIAD	103
ICGIAD	104
ICGIAD	113
ICGIAD	114
ICGIAD	101
ICGIAD	102
ICGIAD	111
ICGIAD	112
ICGGLT	105
ICGGLT	115
ICGIRP	101

Printing the Field Lookup Report

You can print lookup tables for a specific company or all lookup tables for all companies.

Follow the path below.

- ▶ Infinium JP
- ▶ *Definition & Field Reports*
 - ▼ *Print field lookup report [PFLR]*

This report includes the following information:

- Field name
- Program name
- Action code
- Lookup value
- Replacement value
- Replacement field

Printing the Missing Definition Report

This report identifies the action codes your system uses that do not have an associated action definition. If an action definition is not defined, Infinium JP cannot process the data.

Use the *Print missing definition reports* [PMD] report to identify the action definitions you need to create.

The report includes the following information:

- Company
- Program name
- Action code
- Action description

A sample report is shown on the next page.

JPGAHR	JPTAHR	Journal Processor Undefined Action Listing		Page	1
1/19/1998	14:55:33				
Company	Program	Action Code	Action Description		
-----JPJPMSGC					
-		***	All Available Actions Have Been Defined for This Company	***	
		*****	E N D O F R E P O R T	*****	

Printing the Account Error Report (Type E Error)

The Account Error report identifies accounts Infinium JP did not move out of the Data Collector file because you chose to validate the accounts and they did not pass the validation criteria.

The *Print account error report* [PAER] also identifies transactions in error due to recursive lookups.

This report includes the following information:

- Company number
- Error type
- Invalid account number

The report lists the following types of errors:

Error	Description
1	Recursive lookup
2	Invalid account
3	Inactive account
4	Non-posting account on general ledger

Printing the Definition Error Report (Type N Error)

The *Print definition error report* [PDER] identifies transaction errors, including action definitions that do not exist, posting amounts that are negative, or undefined monetary or statistical transactions.

This report includes the following information:

- Company number
- Program name
- Action code
- Transaction ID number
- Source Transaction number
- Error type

Printing the Inactive Definition Report (Type I Error)

You can specify an action code to be inactive. Use the Print inactive definition report [PIDR] to identify action definitions in Infinium JP that are inactive and unable to process data.

Infinium recommends that you purge inactive data periodically using the Purge data collection file option from the Data Collection Processing menu.

This report includes the following information:

- Company number
- Program name
- Action code
- Transaction ID number
- Total number of transactions with inactive action codes

The system does not include an action code unless every pass within the action code is inactive.

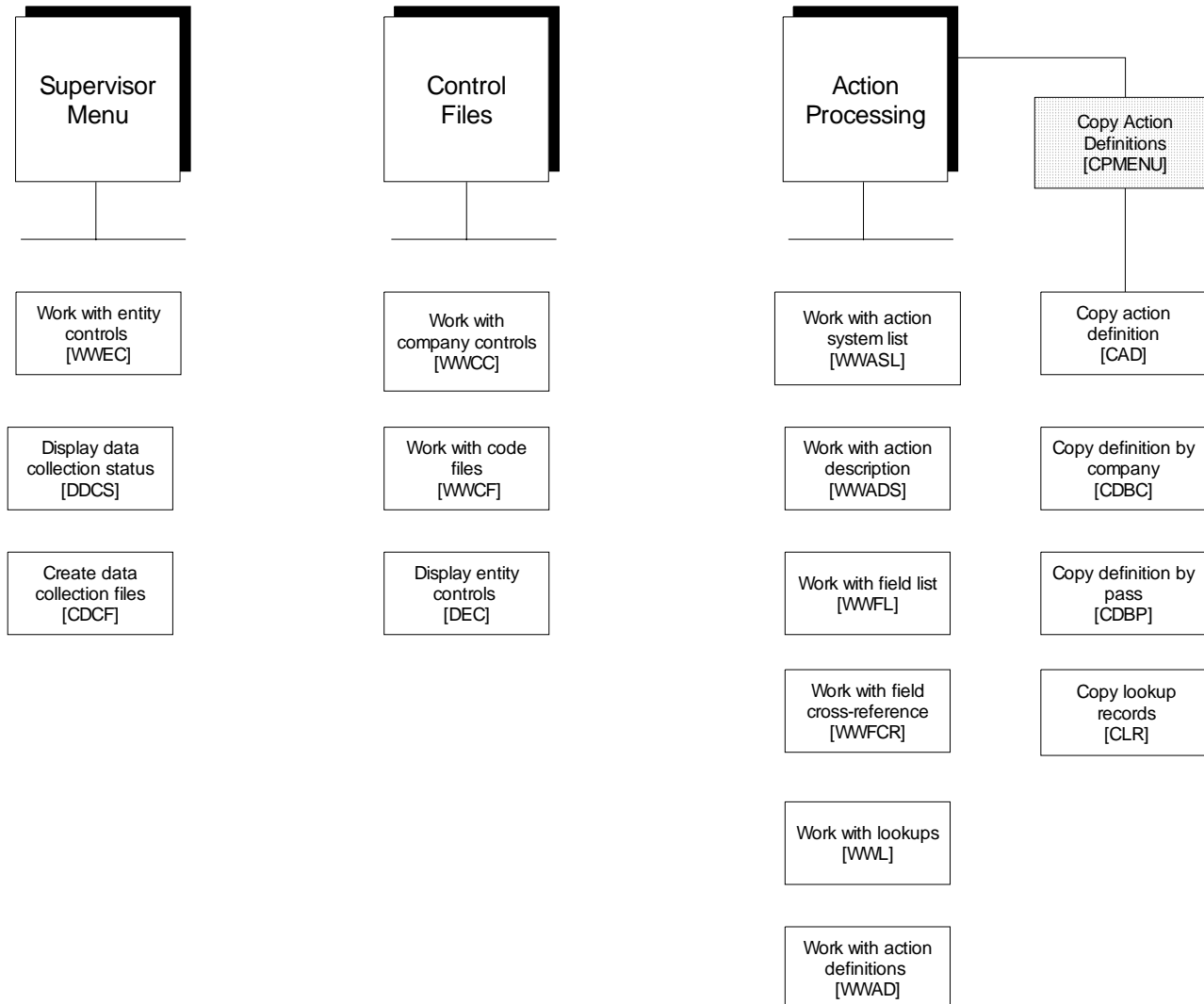
Appendix B

Infinium JP Menu Tree

B

This appendix contains the menu tree for Infinium JP.

Infinium JP Release Menu Tree



Infinium JP Release Menu Tree



Print action
program list
[PAPL]

Print cross-reference
report
[PCRR]

Print action
definition report
[PADR]

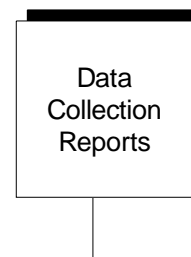
Print field
where-used report
[PFWUR]

Print definition
work sheet
[PDWS]

Print field
lookup report
[PFLR]

Print action
definition fields
[PADF]

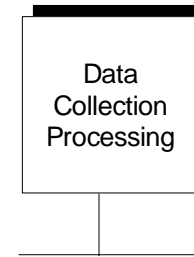
Print missing
definitions
[PMD]



Print account
error report
[PAER]

Print definition
error report
[PDER]

Print inactive
definition report
[PIDR]



Start data
collector
[SDC]

End & Display
Data Collector
[EADDC]

Reprocess error
transactions
[RET]

Purge data
collection file
[PDCF]

Generate GL
Batches
[GGLB]

Notes

Appendix C

Action Points, Codes and Passes

C

The part consists of the following topics:

Topic	Page
Understanding the Action Code Numbering Sequence	C-2

Understanding the Action Code Numbering Sequence

Infinium JP uses the following guidelines for predefined three-digit action codes:

- Action codes under 100 resolve to general ledger chart of accounts
- Action codes over 100 generate posting transactions
- Action codes with the second position of 0 correspond to raw material, with 1 correspond to product, with 2 correspond to non-item, with 3 correspond to intercompany, with 4 correspond to container, and with 5 correspond to all types. If your chart of accounts does not differentiate between raw materials and products, use 5, which applies to both. Action codes with the second position of 6 correspond to cost of goods sold, and with 7 correspond to sales/order revenue

Once you use **5** in an Action code series, all of the action definitions for that action point must be **5**.

For example, the following table defines the action code **101** for PMGPRM1:

Action Code 101

1	0	1
This action code generates a posting transaction.	This action code works with a raw material.	This action code builds an Inventory account.

Understanding Passes

A pass is an instance when Infinium JP manipulates data at an action point. Action code definitions can have an unlimited number of passes. The action definitions listed in this appendix have up to 3 passes. An action definition determines the number of passes at an action point.

Passes allow action definitions to create multiple journal entries with the same data.

Each pass uses the same information but formats it differently for debit, credit, variance, or statistical entries. For example, Pass 1 generates the debit entry, Pass 2 generates the offsetting credit entry, and Pass 4 generates the quantity associated with the dollar amount of a transaction.

The system creates all variance posting entries only if the *Standard Cost with GL Variances* field is **Y** at the Infinium CA control files (any level). Variance posting entries are usually Pass 3.

The table below shows the types of posting entries that the system creates from four passes.

Pass	Type of Entry
1 and 2	Offsetting debit and credit
3	Variance
4	Statistical

The table below shows action points and associated menu options for the MM/PR Product Suite.

Infinium IC – Action Point ICGCAD2

This action point is associated with the *Work with Cost Adjustments* function.

Action Code	Pass No.	Description
101	1	Posting debit/credit to Raw Material Inventory account for ABWAC cost revaluation
101	2	Posting debit/credit to Raw Material Contra account for ABWAC cost revaluation
111	1	Posting debit/credit to Product Inventory account for ABWAC cost revaluation
111	2	Posting debit/credit to Product Contra account for ABWAC cost revaluation

Infinium IC – Action Point ICGIAD

This action point is associated with the *Work with Inventory Adjustments* or *Work with Mass Activity Entry* functions.

Action Code	Pass No.	Description
1	1	Builds Raw Material Adjustment account number
11	1	Builds Product Adjustment account number

Action Code	Pass No.	Description
101	1	Posting credit to Raw Material Inventory account (Transactions that decrease inventory)
101	2	Posting debit to Adjustment account defined in ICGIAD Action Code 1
102	1	Posting debit to Raw Material Inventory account (Transactions that increase inventory)
102	2	Posting credit to Adjustment account defined in ICGIAD Action Code 1
103	1	Posting credit to Raw Material Intransit Inventory account (Transactions that decrease intransit inventory)
103	2	Posting debit to Adjustment account defined in ICGIAD Action Code 1
104	1	Posting debit to Raw Material Intransit Inventory account (Transactions that increase intransit inventory)
104	2	Posting credit to Adjustment account defined in ICGIAD Action Code 1
111	1	Posting credit to Product Inventory account (Transactions that decrease inventory)
111	2	Posting debit to Adjustment account defined in ICGIAD Action Code 11
112	1	Posting debit to Product Inventory account (Transactions that increase inventory)
112	2	Posting credit to Adjustment account defined in ICGIAD Action Code 11
113	1	Posting credit to Product Intransit Inventory account (Transactions that decrease intransit inventory)
113	2	Posting debit to Adjustment account defined in ICGIAD Action Code 11
114	1	Posting debit to Product Intransit Inventory account (Transactions that increase intransit inventory)
114	2	Posting credit to Adjustment account defined in ICGIAD Action Code 11

Infinium IC – Action Point ICGIRP

This action point is associated with the *Work with Inventory Repackaging* function.

Action Code	Pass No.	Description
101	1	Posting credit to Raw Material Inventory account: From side (offset for 102)
102	1	Posting debit to Raw Material Inventory account: To side (offset for 101)
111	1	Posting credit to Product Inventory account: From side (offset for 112)
112	1	Posting debit to Product Inventory account: To side (offset for 111)
141	1	Posting credit to Container Inventory account: From side (offset for 142)
142	1	Posting debit to Container Inventory account: To side (offset for 141)
151	1	Posting debit to Cost Variance account, the material and container variance (balancing entry for standard cost)

Infinium IC – Action Point ICGIRR

This action point is associated with the *Work with Issue/ Return Req* or *Work with Mass Activity Entry* functions.

Action Code	Pass No.	Description
1	1	Builds Issues/Returns Raw Material Inventory Contra account
11	1	Builds Issues/Returns Product Inventory Contra account
101	1	Posting credit to Raw Material Issues Inventory account (Infinium IC issue)
101	2	Posting debit to Issues Inventory Contra account defined in ICGIRR Action Code 1
102	1	Posting credit to Raw Material Inventory account (Infinium PM pick verify of issues)
102	2	Posting debit Issues Inventory Contra account defined in ICGIRR Action Code 1
103	1	Posting debit to Raw Material Returns Inventory account (Infinium IC return)

Action Code	Pass No.	Description
103	2	Posting credit to Returns Inventory Contra account defined in ICGIRR Action Code 1
104	1	Posting credit to Raw Material Inventory account (Infinium PM debit memos return) defined in PMGDM Action Code 1
104	2	Posting debit to Contra account (Infinium PM debit memos) defined in PMGDM Action Code 2
111	1	Posting credit to Product Issues Inventory account (Infinium IC issue)
111	2	Posting debit to Issues Inventory Contra account defined in ICGIRR Action Code 11
112	1	Posting credit to Product Inventory account (Infinium PM pick verify of issues)
112	2	Posting debit to Issues Inventory Contra account defined in ICGIRR Action Code 11
113	1	Posting debit to Product Returns Inventory account (Infinium IC return)
113	2	Posting credit to Returns Inventory Contra account defined in ICGIRR Action Code 11
114	1	Posting credit to Product Inventory account (Infinium PM debit memos return) defined in PMGDM Action Code 11
114	2	Posting debit to Contra account (Infinium PM debit memos) defined in PMGDM Action Code 12

Infinium IC – Action Point ICGITF

This action point is associated with the *Work with Inventory Transfers* function.

Action Code	Pass No.	Description
101	1	Posting credit to Raw Material Inventory account for inventory transfers: From company/warehouse
101	2	Posting debit to Raw Material Inventory account for inventory transfers: To company/warehouse
101	3	Posting debit/credit to Cost Variance account (balancing entry for standard cost)
111	1	Posting credit to Product Inventory account for inventory transfers: From company/warehouse

Action Code	Pass No.	Description
111	2	Posting debit to Product Inventory account for inventory transfers: To company/warehouse
111	3	Posting debit/credit to Cost Variance account (balancing entry for standard cost)

Infinium IC – Action Point ICGPIPM

This action point is associated with the *Post or Close* function.

Action Code	Pass No.	Description
101	1	Posting debit/credit to Raw Material Inventory account for actual counts
101	2	Posting debit/credit to Raw Material Contra account
111	1	Posting debit/credit to Product Inventory account for actual counts
111	2	Posting debit/credit to Product Contra account

Infinium IC – Action Point ICGRTO

This action point is associated with the *Receive Transfer Orders* function.

Action Code	Pass No.	Description
1	1	Builds Raw Material Inventory Account Number for Ship To Location
2	1	Builds Raw Material Variance Account Number for Ship To Location (STD Costs PPV)
3	1	Builds Raw Material Transfer Quantity Adjustment Account Number
4	1	Builds Exchange Variance Account Number
11	1	Builds Product Inventory Account Number for Ship To Location
12	1	Builds Product Variance Account Number for Ship To Location (STD Costs PPV)
13	1	Builds Product Transfer Quantity Adjustment Account Number
14	1	Builds Exchange Variance Account Number

Action Code	Pass No.	Description
51	1	Builds All Types Inventory Account Number for Ship To Location
52	1	Builds All Types Variance Account Number for Ship To Location
53	1	Builds All Types Transfer Quantity Adjustment Account Number
54	1	Builds Exchange Variance Account Number
101	1	Posting credit to Raw Material Inventory In-transit account
101	2	Posting debit to Raw Material Inventory account for inventory transfers: To warehouse (Infinium IC receipt)
101	3	Posting credit/debit to Cost Adjustment account – FOB Destination
101	4	Posting debit/credit to Variance account: To warehouse (balancing entry for standard cost)
101	5	Posting debit/credit to Exchange Variance account: To warehouse (balancing entry for currency fluctuation for standard cost)
102	1	Posting credit to Raw Material Inventory In-transit account: To warehouse
102	2	Posting debit to Raw Material Inventory account for inventory transfers: To warehouse (Infinium PM receipt)
102	3	Posting debit/credit to Variance account: To warehouse (balancing entry for standard cost)
105	1	Posting credit to Raw Material In-transit account - To warehouse - for transfer adjustment – FOB Origin
105	2	Posting debit to Raw Material Transfer Adjustment account – To warehouse – for transfer adjustment – FOB Origin
106	1	Posting credit to Raw Material In-transit account – From warehouse – for transfer adjustment – FOB Destination
106	2	Posting debit to Raw Material Transfer Adjustment account – From warehouse – for transfer adjustment – FOB Destination
111	1	Posting credit to Product Inventory In-transit account

Action Code	Pass No.	Description
111	2	Posting debit to Product Inventory account for inventory transfers: To warehouse (Infinium IC receipt)
111	3	Posting credit/debit to Cost Adjustment account – FOB Destination
111	4	Posting debit/credit to Variance account: To warehouse (balancing entry for standard cost)
111	5	Posting debit/credit to Exchange Variance account: To warehouse (balancing entry for currency fluctuation for standard cost)
112	1	Posting debit to Product Inventory account for inventory transfers: To warehouse (Infinium PM receipt)
112	2	Posting credit to Product Inventory In-transit account: To warehouse
112	3	Posting debit/credit to Variance account: To warehouse (balancing entry for standard cost)
115	1	Posting credit to Product In-transit account - To warehouse - for transfer adjustment – FOB Origin
115	2	Posting debit to Product Transfer Adjustment account - To warehouse - for transfer adjustment – FOB Origin
116	1	Posting credit to Product In-transit account – From warehouse – for transfer adjustment – FOB Destination
116	2	Posting debit to Product Transfer Adjustment account – From warehouse – for transfer adjustment – FOB Destination
131	1	Posting debit to Intercompany Receivables – FOB Destination
131	2	Posting credit to Intercompany Payables – FOB Destination
151	1	Posting credit to All Types Inventory In-transit account
151	2	Posting debit to All Types Inventory account for inventory transfers: To warehouse (Infinium IC receipt)
151	3	Posting credit/debit to Cost Adjustment account – FOB Destination
151	4	Posting debit/credit to Variance account: To warehouse (balancing entry for standard cost)
151	5	Posting debit/credit to Exchange Variance account: To warehouse (balancing entry for currency fluctuation for standard cost)

Action Code	Pass No.	Description
152	1	Posting debit to All Types Inventory account for inventory transfers: To warehouse (Infinium PM receipt)
152	2	Posting credit to All Types Inventory In-transit account: To warehouse
152	3	Posting debit/credit to Variance account: To warehouse (balancing entry for standard cost)
155	1	Posting credit to All Types In-transit account - To warehouse – for transfer adjustment – FOB Origin
155	2	Posting debit to All Types Transfer Adjustment account - To warehouse - for transfer adjustment – FOB Origin
156	1	Posting credit to All Types In-transit account – From warehouse - for transfer adjustment – FOB Destination
156	2	Posting debit to All Types Transfer Adjustment account – From warehouse – for transfer adjustment – FOB Destination

Infinium IC – Action Point ICGSTO

This action point is associated with the *Ship Transfer Orders* function.

Action Code	Pass No.	Description
1	1	Builds Raw Material Inventory Account Number for Ship From Location
2	1	Builds Raw Material In-Transit Account Number
3	1	Builds Raw Material Cost Adjustment Account Number
4	1	Builds Intercompany Payables Account Number
5	1	Builds Intercompany Receivables Account Number
11	1	Builds Product Inventory Account Number for Ship From Location
12	1	Builds Product In-Transit Account Number
13	1	Builds Product Cost Adjustment Account Number
14	1	Builds Intercompany Payables Account Number
15	1	Builds Intercompany Receivables Account Number
51	1	Builds All Types Inventory Account Number for Ship From Location

Action Code	Pass No.	Description
52	1	Builds All Types In-Transit Account Number
53	1	Builds All Types Cost Adjustment Account Number
54	1	Builds All Types Intercompany Payables Account Number
55	1	Builds All Types Intercompany Receivables Account Number
101	1	Posting credit to Raw Material Inventory account for inventory transfers: From warehouse (Infinium IC ship)
101	2	Posting debit to Raw Material Inventory In-transit account
101	3	Posting debit/credit to Cost Adjustment account – FOB Origin
102	1	Posting credit to Raw Material Inventory account for inventory transfers: From warehouse (Infinium PM ship)
102	2	Posting debit to Raw Material Inventory In-transit account: To warehouse
111	1	Posting credit to Product Inventory account for inventory transfers: From warehouse (Infinium IC ship)
111	2	Posting debit to Product Inventory In-transit account
111	3	Posting debit/credit to Cost Adjustment account – FOB Origin
112	1	Posting credit to Product Inventory account for inventory transfers: From warehouse (Infinium PM ship)
131	1	Posting debit to Intercompany Receivables – FOB Origin
151	1	Posting credit to All Types account for inventory transfers: From warehouse (Infinium IC ship)
151	2	Posting debit to All Types Inventory In-transit account
151	3	Posting debit/credit Cost Adjustment account – FOB Origin
152	1	Posting credit to All Types Inventory account for inventory transfers: From warehouse (Infinium PM ship)
152	2	Posting debit to All Types Inventory In-transit account: To warehouse

Infinium IC – Action Point INR04B

This action point is associated with the *Post Receipts for P/O* function.

Action Code	Pass No.	Description
101	1	Posting debit to Raw Material Inventory account
101	2	Posting credit to Unvouchered Payables/Received Not Invoiced account
101	3	Posting debit/credit to Purchase Price Variance account
111	1	Posting debit to Product Inventory account
111	2	Posting credit to Unvouchered Payables/Received Not Invoiced account
111	3	Posting debit/credit to Purchase Price Variance account

Infinium MC – Action Point MCR025

This action point is associated with the *Close to Cost Batch (FINAL)* function.

Action Code	Pass No.	Description
101	1	Posting credit to Raw Material Inventory account for ingredient usage (offset for 103)
102	1	Posting credit to Raw Material Inventory account for container usage (offset for 103)
103	1	Posting debit to Raw Material Inventory account for batch fill (offset for 101 and/or 102)
104	1	Posting debit to Raw Material Inventory account for batch fill (balancing entry for standard cost)
111	1	Posting credit to Product Inventory for account ingredient usage (offset for 113)
112	1	Posting credit to Product Inventory account for container usage (offset for 113)
113	1	Posting debit to Product Inventory account for batch fill (offset for 111 and/or 112)
114	1	Posting debit to Product Inventory account for batch fill (balancing entry for standard cost)
115	1	Posting debit/credit to Variance account between filling versus usage (balancing entry for standard cost)

Infinium OP – Action Point OPGFIGL

This action point is associated with the *Print Final Invoices* function.

Action Code	Pass No.	Description
1	1	Builds Raw Material/Kit Inventory account for a sale or transfer
2	1	Builds Raw Material/Kit Inventory account for a return
11	1	Builds Product Inventory account for a sale or transfer
12	1	Builds Product Inventory account for a return
21	1	Builds Non-Item Expense account for a sale or transfer
22	1	Builds Non-Item Expense account for a return
31	1	Builds Intercompany Receivables account
61	1	Builds Cost of Goods Sold account number for inventory items
62	1	Builds Cost of Goods Sold (Expense offset) account number for non-items
63	1	Builds Cost of Goods Sold account number for No Charge inventory items
64	1	Builds Cost of Goods Sold (Expense offset) account number for No Charge non-items
71	1	Builds Sales account number for inventory items
72	1	Builds Sales account number for non-items
73	1	Builds Sales account number for No Charge inventory items
74	1	Builds Sales account number for No Charge non-items
90	1	Posts free of charge items for promotions type 2
101	1	Posting credit to Kit/Raw Material Inventory account (Sales transactions) defined in OPGFIGL Action Code 1
101	2	Posting debit to Cost of Goods Sold account defined in OPGGLA Action Code 61 or OPGFIGL Action Code 61
102	1	Posting debit to Kit/Raw Material Inventory account (Return transactions) defined in OPGFIGL Action Code 2
102	2	Posting credit to Cost of Goods Sold account defined in OPGGLA Action Code 61 or OPGFIGL Action Code 61
103	1	Posting credit for Kits/Raw Material Inventory: From warehouse (Transfer transactions)

Action Code	Pass No.	Description
103	2	Posting debit for Kits/Raw Material Inventory: To warehouse
103	3	Posting debit/credit to Variance account (balancing entry for standard cost)
111	1	Posting credit to Product Inventory account (Sales transactions) defined in OPGFIGL Action Code 11
111	2	Posting debit to Cost of Goods Sold account defined in OPGGLA Action Code 61 or OPGFIGL Action Code 61
112	1	Posting debit to Product Inventory account (Return transactions) defined in OPGFIGL Action Code 12
112	2	Posting credit to Cost of Goods Sold account defined in OPGGLA Action Code 61 or OPGFIGL Action Code 61
113	1	Posting credit for Product Inventory: From warehouse (Transfer transactions)
113	2	Posting debit for Product Inventory: To warehouse
113	3	Posting debit/credit to Variance account (balancing entry for standard cost)
121	1	Posting credit to Non-Item Expense account (Sales transactions) defined in OPGFIGL Action Code 21
121	2	Posting debit to Cost of Goods Sold account
122	1	Posting debit to Non-Item Expense account (Return transactions) defined in OPGFIGL Action Code 22
122	2	Posting credit to Cost of Goods Sold account
131	1	Posting debit to Intercompany Receivable account for intercompany transfers
131	2	Posting credit to Intercompany Payable account for intercompany transfers
171	1	Resolve AR Account and Build Posting debit to Accounts Receivable account (offset for 172, 173, 174, 176, 177, 178, and 179)
172	1	Posting credit to Gross Sales for inventory and non-item materials (offset for 171) defined in OPGGLA Action Code 71 or 72 or OPGFIGL Action Code 71 or 72
173		Posting credit to Gross Sales for non-inventory materials (offset for 171)

Action Code	Pass No.	Description
174	1	Posting credit to Gross Sales for no charge materials (offset for 171) defined in OPGGLA Action Code 73 or 74 or OPGFIGL Action Code 73 or 74
176	1	Posting credit to Sales Offset for Miscellaneous Charges (offset for 171)
177	1	Posting debit to Sales Offset for Discounts (offset for 171)
178	1	Posting credit to Sales Offset for Line Item Taxes (offset for 171)
179	1	Posting credit to Sales Offset for Miscellaneous Taxes (offset for 171)
180	1	Posts multi-level discounts for promotions type 1
181	1	Posts trade offer discounts for promotions type 3
182	1	Posts special price discounts for promotions type 4
183		Posts multi-level total order discounts for promotions type 5
190		Inventory transactions for free of charge items, promotions type 2

Infinium OP – Action Point OPGGLA

This action point is associated with the *Order Processing Entry* function.

Action Code	Pass No.	Description
61	1	Builds Cost of Goods Sold account number for inventory items
62	1	Builds Cost of Goods Sold (Expense offset) account number for non-items
63	1	Builds Cost of Goods Sold account number for No Charge inventory items
64	1	Builds Cost of Goods Sold (Expense offset) account number for No Charge non-items
71	1	Builds Sales account number for inventory items
72	1	Builds Sales account number for non-items
73	1	Builds Sales account number for No Charge inventory items
74	1	Builds Sales account number for No Charge non-items

Infinium CA – Action Point COR010

This action point is associated with the *Work with FIFO/LIFO Open file* function.

Action Code	Pass No.	Description
101	1	Posting raw material cost adjustment from a PM receipt reversal as a debit/credit to the Raw Material Inventory account
101	2	Posting raw material cost adjustment from a PM receipt reversal as a debit/credit to Contra account for raw material revaluations
111	1	Posting finished good cost adjustment from a PM receipt reversal as a debit/credit to the Finished Good Inventory account
111	2	Posting finished good cost adjustment from a PM receipt reversal as a debit/credit to Contra account for finished good revaluations

Infinium CA – Action Point COR025

This action point is associated with the *Work with FIFO/LIFO Open file* function.

Action Code	Pass No.	Description
101	1	Posting debit/credit to Raw Material Inventory account
101	2	Posting debit/credit to Contra account for raw material revaluations
111	1	Posting debit/credit to Product Inventory account
111	2	Posting debit/credit to Contra account for product revaluations

Infinium CA – Action Point PCR020

This action point is associated with the *Update Costs* function.

Action Code	Pass No.	Description
101	1	Posting debit/credit to Raw Material Inventory account
101	2	Posting debit/credit to Contra account for raw material revaluations
111	1	Posting debit/credit to Product Inventory account

Action Code	Pass No.	Description
111	2	Posting debit/credit to Contra account for product revaluations

Infinium CA – Action Point PCR630

This action point is associated with the *Copy Cost Type to Other Type* function.

Action Code	Pass No.	Description
101	1	Posting debit/credit to Raw Material Inventory account
101	2	Posting debit/credit to Contra account for raw material revaluations
111	1	Posting debit/credit to Product Inventory account
111	2	Posting debit/credit to Contra account for product revaluations

Infinium PM – Action Point PMGACM

This action point is associated with the *Work with Purchase Orders* function.

Action Code	Pass No.	Description
3	1	Builds Additional Charge Freight/Other Account Number for Raw Material
4	1	Builds “Include in Cost” Freight/Other Account Number for Raw Material
5	1	Builds “Include in Cost” Taxes Account Number for Raw Material
13	1	Builds Additional Charge Freight/Other Account Number for Product
14	1	Builds “Include in Cost” Freight/Other Account Number for Product
15	1	Builds “Include in Cost” Taxes Account Number for Product
23	1	Builds Additional Charge Freight/Other Account Number for Non-Item
53	1	Builds Additional Charge Freight/Other Account Number for All Types

Action Code	Pass No.	Description
54	1	Builds “Include in Cost” Freight/Other Account Number for All Types
55	1	Builds “Include in Cost” Taxes Account Number for All Types

Infinium PM – Action Point PMGATM

This action point is associated with the *Work with Invoice* function in Infinium PL.

Action Code	Pass No.	Description
51	1	Builds Inventory Adjustment Account
52	1	Builds Inventory Adjustment Account when no inventory
151	1	Post debit to more significant Inventory Adjustment account
151	2	Post credit to Inventory Adjustment Account booked by Infinium Payables Ledger

Infinium PM – Action Point PMGATM1

This action point is associated with the *Receive purchase orders* function.

Action Code	Pass No.	Description
111	1	Posting credit to Inventory account (system-generated receipt offset due to reversal)
111	2	Posting debit to Invoiced Not Received/Received Not Invoiced account
111	3	Posting debit/credit to Variance account (balancing entry for standard cost)
112	1	Posting debit to Inventory account (system-generated new receipt)
112	2	Posting credit to Invoiced Not Received/Received Not Invoiced account
112	3	Posting debit/credit to Variance account (balancing entry for standard cost)
113	1	Posting debit to AP Trade account (system-generated voucher reversal)

Action Code	Pass No.	Description
113	2	Posting credit to Received Not Invoiced (RNI) or Invoiced Not Received (INR) account
114	1	Posting credit to AP Trade account (system-generated new voucher)
114	2	Posting debit to Invoiced Not Received/Received Not Invoiced account

Infinium PM – Action Point PMGATM2

This action point is associated with the *Work with invoice entry* function in Infinium PL.

Action Code	Pass No.	Description
111	1	Posting credit to Inventory account (system-generated receipt reversal)
111	2	Posting debit to Invoiced Not Received/Received Not Invoiced account
111	3	Posting debit/credit to Variance account (balancing entry for standard cost)
112	1	Posting debit to Inventory account (system-generated new receipt)
112	2	Posting credit to Invoiced Not Received/Received Not Invoiced account
112	3	Posting debit/credit to Variance account (balancing entry for standard cost)
113	1	Posting debit to AP Trade account (system-generated voucher reversal)
113	2	Posting credit to Received Not Invoiced (RNI) or Invoiced Not Received (INR) account
114	1	Posting credit to AP Trade account (system-generated new voucher)
114	2	Posting debit to Invoiced Not Received/Received Not Invoiced account
151	1	Reversal (credit) of the Inventory Adjustment account generated by PMGATM 151
151	2	Debit to the Infinium PL Inventory account in PMGATM 151

Infinium PM – Action Point PMGDM

This action point is associated with the *Work with debit memos* function.

Action Code	Pass No.	Description
1	1	Builds Raw Material Inventory account number
2	1	Builds Raw Material Return account number
11	1	Builds Product Inventory account number
12	1	Builds Product Return account number
21	1	Builds Non-item Expense account number
22	1	Builds Non-item Return account number

Infinium PM – Action Point PMGEDFT

This action point is associated with the *Work with auto-sourcing* function.

Action Code	Pass No.	Description
1	1	Builds Raw Material Inventory account number
2	1	Builds Raw Material Expense account number
5	1	Builds Raw Material Fixed Asset account number
11	1	Builds Product Inventory account number
12	1	Builds Product Expense account number
15	1	Builds Product Fixed Asset account number
22	1	Builds Non-Item Expense account number
25	1	Builds Non-Item Fixed Asset account number

Infinium PM – Action Point PMGINM1

This action point is associated with the *Work with inspections* function.

Action Code	Pass No.	Description
101	1	Posting credit to Raw Material Inventory account
101	2	Posting debit to Return to Vendor account
102	1	Posting credit to Raw Material Inventory account
102	2	Posting debit to Scrap account

Action Code	Pass No.	Description
103	1	Posting credit to Raw Material Inventory account
103	2	Posting debit to Rework account
111	1	Posting credit to Product Inventory account
111	2	Posting debit to Return to Vendor account
112	1	Posting credit to Product Inventory account
112	2	Posting debit to Scrap account
113	1	Posting credit to Product Inventory account
113	2	Posting debit to Rework account
151	1	Posting credit to All Types Inventory account
151	2	Posting debit to Return to Vendor account
152	1	Posting credit to All Types Inventory account
152	2	Posting debit to Scrap account
153	1	Posting credit to All Types Inventory account
152	2	Posting debit to Rework account

Infinium PM – Action Point PMGPHM

This action point is associated with the *Work with purchase orders* function.

Action Code	Pass No.	Description
1	1	Builds Raw Material Inventory account number
2	1	Builds Raw Material Expense account number (also the Non-Inventory Item Expense account)
5	1	Builds Raw Material Fixed Asset account number
11	1	Builds Product Inventory account number
12	1	Builds Product Expense account number
15	1	Builds Product Fixed Asset account number
22	1	Builds Non-Item Expense account number
25	1	Builds Non-Item Fixed Asset account number

Infinium PM – Action Point PMGPOS

This action point is associated with the *Work with purchase orders* function.

Action Code	Pass No.	Description
1	1	Builds Raw Material Inventory account number
2	1	Builds Raw Material Expense account number (also the Non-Inventory Item Expense account)
5	1	Builds Raw Material Fixed Asset account number
11	1	Builds Product Inventory account number
12	1	Builds Product Expense account number
15	1	Builds Product Fixed Asset account number
22	1	Builds Non-Item Expense account number
25	1	Builds Non-Item Fixed Asset account number
51	1	Builds All Types Inventory account number
52	1	Builds All Types Expense account number
55	1	Builds All Types Fixed Asset account number

Infinium PM – Action Point PMGPRM1

This action point is associated with the *Receive purchase orders* function.

Action Code	Pass No.	Description
1	1	Builds Raw Material Inventory account number
2	1	Builds Raw Material (or Non-Inventory Item) Expense account number
3	1	Builds Raw Material Received Not Invoiced account number
4	1	Builds Raw Material Variance account number
5	1	Builds Raw Material Fixed Asset account number
11	1	Builds Product Inventory account number
12	1	Builds Product Expense account number
13	1	Builds Product Received Not Invoiced account number
14	1	Builds Product Variance account number
15	1	Builds Product Fixed Asset account number

Action Code	Pass No.	Description
22	1	Builds Non-Item Expense account number
23	1	Builds Non-Item Received Not Invoiced account number
25	1	Builds Non-Item Fixed Asset account number
101	1	Posting debit to Raw Material Inventory/Expense account
101	2	Posting credit to Raw Materials Received Not Invoiced account
101	3	Posting debit/credit to Variance account (balancing entry for standard cost)
111	1	Posting debit to Product Inventory/Expense account
111	2	Posting credit to Product Received Not Invoiced account
111	3	Posting debit/credit to Variance account (balancing entry for standard cost)
121	1	Posting debit to Non-Item Expense account
121	2	Posting credit to Received Not Invoiced account

Infinium PM – Action Point PMGRHA01

This action point is associated with the *Work with Reorder Point Processing* function.

Action Code	Pass No.	Description
1	1	Builds Raw Material Inventory account number for purchase requisitions
2	1	Builds Raw Material Expense account number for purchase requisitions
4	1	Builds Raw Material Inventory account number for transfer requisitions
11	1	Builds Product Inventory account number for purchase requisitions
12	1	Builds Product Expense account number for purchase requisitions
14	1	Builds Product Inventory account number for transfer requisitions
22	1	Builds Non-Item Expense account number

Infinium PM – Action Point PMGRHM

This action point is associated with the *Work with requisitions* function.

Action Code	Pass No.	Description
1	1	Builds Raw Material Inventory account number for purchase requisitions
2	1	Builds Raw Material Expense account number for purchase requisitions
3	1	Builds Raw Material Inventory account number for issue requisitions
4	1	Builds Raw Material Inventory account number for transfer requisitions
5	1	Builds Raw Material Fixed Asset account number
11	1	Builds Product Inventory account number for purchase requisitions
12	1	Builds Product Expense account number for purchase requisitions
13	1	Builds Product Inventory account number for issue requisitions
14	1	Builds Product Inventory account number for transfer requisitions
15	1	Builds Product Fixed Asset account number
22	1	Builds Non-Item Expense account number for purchase requisitions
25	1	Builds Non-Item Fixed Asset account number

Infinium PM – Action Point PMGURS

This action point is associated with the *Work with requisitions* function.

Action Code	Pass No.	Description
1	1	Builds Raw Material Inventory account number for purchase requisitions
2	1	Builds Raw Material Expense account number for purchase requisitions
5	1	Builds Raw Material Fixed Asset account number

Action Code	Pass No.	Description
11	1	Builds Product Inventory account number for purchase requisitions
12	1	Builds Product Expense account number for purchase requisitions
15	1	Builds Product Fixed Asset account number
22	1	Builds Non-Item Expense account number for purchase requisitions
25	1	Builds Non-Item Fixed Asset account number
51	1	Builds All Types Inventory account number
52	1	Builds All Types Expense account number
55	1	Builds All Types Fixed Asset account number

Infinium JP uses the ZZZALLOP action points internally. They are not available to you.

Notes

Appendix D

Valid Fields for Cross-Referencing

D

The part consists of the following topics:

Topic	Page
Overview	D-2
Files Available to Infinium JP	D-3
Fields Available for Cross-Referencing	D-5

Overview

This appendix contains the list of application fields you can cross-reference, the programs that use them, and their associated action codes. The list is organized by program and action code.

You cannot pass all application fields from Infinium IC, Infinium MC, Infinium OP, Infinium PM, and Infinium CA to Infinium JP. This appendix provides you with most of the fields you can cross-reference, as well as the files that contain these fields.

You can print a complete listing of all fields that are currently cross-referenced in your system. To print this listing, select the *Print cross-reference report* menu option. For more information, refer to the “Printing Reports” section.

For more information and steps on adding a field cross-reference, refer to the “Setting Up Preliminary Information” section.

Files Available to Infinium JP

The table below lists files available for use with Infinium JP, the file descriptions, and the format of the field names found within each file.

Use this table to identify the files associated with field names that begin with certain letters. You may find this helpful when looking at reports, such as the Field Cross Reference Listing.

File Name	File Description	Field Name Format
ADJTYPFL	Adjustment Type File	ADJxxx
ICPAJ	Adjustment Journal	AJxxxx
PMPAT	Account Transaction File	ATxxxx
FGCTGDSC	Product Category File	CATxxx
KLCUSFIL	Customer Master	CFxxxx
PRDCJRNL	Cost Journal File	CJxxxx
PMPDM	Debit Memo File	DMxxxx
CAPEN	Entity/Company/Warehouse File (Infinium CA Entity)	ENxxxx
FLCOSTPF	FIFO/LIFO Master File	FLxxxx
ICSAJA	Product Adjustment Journal Data Structure	JSxxxx
MFGCFILL	Manufacturing Control (Products Filled File)	MCxxxx
PHYINVEN	Physical Inventory File	MIxxxx
MANFILPF	Product File	MNxxxx
OPPMSC	Miscellaneous Charges File	MSxxxx
OPPOHD	Order Header File	OHxxxx
OPPODT	Order Detail Line Item File	OIxxxx
OPPCOT	Order Type File	OTxxxx
PRGPILPDS	Item Warehouse File	PAxxxx

File Name	File Description	Field Name Format
PMPPD	Purchase Order Detail File	PDxxxx
PMPPH	Purchase Order Header File	PHxxxx
PRDJRNL	Product Journal File	PJxxxx
PMPPR	Receipt File	PRxxxx
PMPPS	Multi-ship File - Purchase Orders	PSxxxx
PMPRD	Requisition Detail File	RDxxxx
PMPRH	Requisition Header File	RHxxxx
RAWMATPF	Raw Material File	RMxxxx
PMPRS	Multi-Ship File Requisitions	RSxxxx
SHIPFILE	Ship-To File	STxxxx
OPPSLM	Salesman File	SLxxxx
OPPTAX	Sales Tax File	TXxxxx
ICPXD	Transfer Detail File	XDxxxx
ICPXH	Transfer Header File	XHxxxx

Fields Available for Cross-Referencing

The tables below list each program, its action codes, and the fields available for cross-referencing.

Dollar sign (\$) fields are not database field names. These fields are program work fields that are available to selected action definitions.

Infinium IC – Program ICGCAD2

This program is associated with the *Work with Cost Adjustments* function.

Action Code	Field Name	Field or File Description
101, 111	Fields from: PRDJRNL and CAPEN	Product Journal File Infinium CA Entity File
101, 111	\$CADEC	Extended cost
101	Fields from: RAWMATPF	Raw Material File
111	Fields from: MANFILPF	Product File

Infinium IC – Program ICGIAD

This program is associated with the *Work with Inventory Adjustments* or *Work with Mass Activity Entry* functions.

Action Code	Field Name	Field or File Description
1, 11, 101-104, 111-114	Fields from: ADJTYP ICPAJ ICSAJA CAPEN	Adjustment Type File Adjustment Journal File Product Adjustment Journal Data Structure Infinium CA Entity File
1, 101-104	Fields from: RAWMATPF	Raw Material File
11, 111-114	Fields from: MANFILPF	Product File

Infinium IC – Program ICGIRP

This program is associated with the *Work with Inventory Repackaging* function.

Action Code	Field Name	Field or File Description
101-102, 111-112, 141-142, 151	Fields from: ADJTYP ICPAJ ICSAJA CAPEN	Adjustment Type File Adjustment Journal File Product Adjustment Journal Data Structure Infinium CA Entity File
101-102, 141-142	Fields from: RAWMATPF	Raw Material File
111-112, 141-142, 151	Fields from: MANFILPF	Product File
141-142	\$IRPCC	Extended cost – container – From size
111-112	\$IRPPC	Extended cost – product – From size
151	\$IRPPV	Variance amount
101-102	\$IRPRC	Extended cost – raw material – From size

Infinium IC – Program ICGIRR

This program is associated with the *Work with Issue/Return Req* or *Work with Mass Activity Entry* functions.

Action Code	Field Name	Field or File Description
1, 11, 101-104, 111-114	Fields from: ADJTYP, ICPAJ, CAPEN, PRDJRNL	Adjustment Type File Adjustment Journal File Infinium CA Entity File Product Journal File
101-104, 111-114	Fields from: ICSAJA	Product Adjustment Journal Data Structure
102, 112	Fields from: PMPRD PMPRH	Requisition Detail File Requisition Header File
104, 114	Fields from: PMPDM	Debit Memo File
1, 101-104, 114	Fields from: RAWMATPF	Raw Material File

Action Code	Field Name	Field or File Description
11, 111-114	Fields from: MANFILPF	Product File
103-104, 113-114	\$IRRC	Return cost

Infinium IC – Program ICGITF

This program is associated with the *Work with Inventory Transfers* function.

Action Code	Field Name	Field or File Description
101, 111	Fields from: ADJTYP, ICPAJ, ICSAJA, CAPEN	Adjustment Type File Adjustment Journal File Product Adjustment Journal Data Structure Infinium CA Entity File
101, 111	\$ITFTC	“To” Warehouse Extended Cost
101, 111	\$ITFFW	“From” Warehouse
101, 111	\$ITFPV	Variance Amount
101, 111	\$ITFS1	“From” Storage Index 1
101, 111	\$ITFS2	“From” Storage Index 2
101, 111	\$ITFS3	“From” Storage Index 3
101, 111	\$ITFTC	“From” Transaction Code
101	Fields from: RAWMATPF	Raw Material File
111	Fields from: MANFILPF	Product File

Infinium IC – Program ICGPIPM

This program is associated with the *Post or Close* function.

Action Code	Field Name	Field or File Description
101, 111	Fields from: PHYINVEN CAPEN	Physical Inventory File Infinium CA Entity File
101, 111	\$PIPEC	Extended cost
101	Fields from: RAWMATPF	Raw Material

Action Code	Field Name	Field or File Description
111	Fields from: MANFILPF	Product File

Infinium IC – Program ICGRTO

This program is associated with the *Receive Transfer Orders* function.

Action Code	Field Name	Field or File Description
1-4, 11-14, 51-54	Fields from: ICPXD, ICPXH, CAPEN	Transfer Detail File Transfer Header File Infinium CA Entity File
101-102, 111-112, 131, 151-152	Fields from: ADJTYP ICPAJ ICPXD ICPXH CAPEN	Adjustment Type File Adjustment Journal File Transfer Detail File Transfer Header File Infinium CA Entity File
102, 112	Fields from: PMPRH, PMPRD	Requisition Header File Requisition Detail File
101-102, 105-106	Fields from: RAWMATPF	Raw Material File
111-112, 115-116	Fields from: MANFILPF	Product File
105-106, 115-116, 155-156	Fields from: ADJTYP, ICPAJ, ICPXD, ICPXH, ICSAJA and CAPEN	Adjustment Type File Adjustment Journal File Transfer Detail File Transfer Header File Product Adjustment Journal Data Structure Infinium CA Entity File

Infinium IC – Program ICGSTO

This program is associated with the *Ship Transfer Orders* function.

Action Code	Field Name	Field or File Description
1-5, 11-15, 51-55	Fields from: ICPXD, ICPXH, CAPEN	Transfer Detail File Transfer Header File Infinium CA Entity File

Action Code	Field Name	Field or File Description
101-102, 111-112, 131, 151-152	Fields from: ADJTYP ICPAJ ICPXD ICPXH CAPEN	Adjustment Type File Adjustment Journal File Transfer Detail File Transfer Header File Infinium CA Entity File
102, 112	Fields from: PMPRH, PMPRD	Requisition Header File Requisition Detail File
101-102	Fields from: RAWMATPF	Raw Material File
111-112	Fields from: MANFILPF	Product File

Infinium IC – Program INR04B

This program is associated with the *Post Receipts for P/O* function.

Action Code	Field Name	Field or File Description
101, 111	Fields from: PRDJRNL CAPEN	Product Journal File Infinium CA Entity File
101, 111	\$INRGL	GL partial account from INR04B screen
101, 111	\$INRPC	Purchase cost
101, 111	\$INRPV	Variance amount
101, 111	\$INRRC	Receipt cost
101	Fields from: RAWMATPF	Raw Material File
111	Fields from: MANFILPF	Product File

Infinium MC – Program MCR025

This program is associated with the *Close To Cost Batch (FINAL)* function.

Action Code	Field Name	Field or File Description
101, 111	\$MCRIC	Extended cost – ingredient
102, 112	\$MCRCC	Extended cost – container
103, 113	\$MCRFC	Extended cost – batch fill
104, 114	\$MCRSC	Extended cost – batch fill (standard cost)
115	\$MCRVC	Variance amount – standard cost (ingredient/fill)
101-104	Fields from: RAWMATPF	Raw Material File
111-115	Fields from: MANFILPF	Product File

Infinium OP – Program OPGFIGL

This program is associated with the *Print Final Invoices* function.

Action Code	Field Name	Field or File Description
1-2, 11-12, 21-22, 31, 61-64, 71-74, 101-103, 111-113, 121-122, 131, 171-172, 174, 176-179	Fields from: CAPEN OPPOHD OPPODT	Infinium CA Entity File Order Header File Order Detail Line Item File
1-2, 11-12, 21-22, 61-64, 71-74, 101-103, 111-113, 121-122, 131, 171-172, 174, 176-179	Fields from: OPPCOT	Order Type File
1-2, 11-12, 21-22, 61-64, 71-74, 102, 112, 122, 131, 171-172, 174, 176-179	Fields from: KLCUSFIL SHIPFILE	Customer Master Ship-To File
61-64, 71-74, 101-103, 111-113, 121-122, 131, 171-172, 174, 176-179	Fields from: FGCTGDSC	Product Category File
61-64, 71-74, 101-103, 111-113, 121-122, 171-172, 174, 176-179	Fields from: OPPSLM	Salesman File
63-64, 176	Fields from: OPPMSC	Miscellaneous Charges File

Action Code	Field Name	Field or File Description
171, 178-179	Fields from: OPPTAX	Sales Tax File
1-2, 101-103, 131	Fields from: RAWMATPF	Raw Material File
11-12, 61-64, 71-74, 111-113, 131	Fields from: MANFILPF	Product File
63-64, 73-74, 174	\$FIGNC	GL partial account – COGS for No Charge item
101-103, 111-113, 121-122, 131, 174	\$FIGOC	Line item extended cost
101-102,	\$FIGCA	COGS account from OPGGLA
111-112,	\$FIGCP	COGS account page number
121-122	\$FIGIA	Inventory account
	\$FIGIP	Inventory account page number
103, 113,	\$FIGRC	Extended cost – receipt – For transfer
131	\$FIGSC	Extended cost – ship – For transfer
103, 113	\$FIGAC	Extended cost – adjustment – For transfer
	\$FIGPV	Variance amount – transfer
131	\$FIGRA	Intercompany receivables account
	\$FIGRP	Intercompany receivables page number
121, 172, 173, 174, 176-179	\$FIGOP	Line item sales price
171, 178-179	\$FIGTO	Total sales order amount
174	\$FIGSA	Sales account from OPGGLA
176-179	\$FIGSP	Sales account page number
176	\$FIGMC	Miscellaneous charges
178-179	\$FIGLT	Tax on sales order line items

Infinium OP – Program OPGFIGL

This program is associated with the *Order processing entry* function.

Action Code	Field Name	Field or File Description
61-64, 71-74	Fields from: FGCTGDSC CAPEN KLCUSFIL MANFILPF OPPMSC OPPOHD OPPODT OPPCOT OPPSLM SHIPFILE	Product Category File Infinium CA Entity File Customer Master Product File Miscellaneous Charges File Order Header File Order Detail Line Item File Order Type File Salesman File Ship-To File
63-64, 73-74	MSGLCD	Field from OPPMSC (Miscellaneous Charges File)
	\$GLANC	GL partial account – code table: GCD (gratis code)

Infinium CA – Program COR010

This program is associated with the *Work with FIFO/LIFO Open File* function.

Action Code	Field Name	Field or File Description
101	Fields from: FLCOSTPF CAPEN	FIFO/LIFO Master File Infinium CA Entity File Raw Material Cost Adjustment From Infinium PM Receipt Reversal.
111		Finished Good Cost Adjustment From Infinium PM Receipt Reversal.

Infinium CA – Program COR025

This program is associated with the *Work with FIFO/LIFO Open File* function.

Action Code	Field Name	Field or File Description
101, 111	Fields from: FLCOSTPF CAPEN	FIFO/LIFO Master File Infinium CA Entity File
101, 111	\$025ED	Extended cost difference
101, 111	\$025IQ	Extended cost difference - inventory quantity change
101, 111	\$025UD	Unit cost difference
101, 111	\$025UQ	Extended cost difference - used quantity change
101	Fields from: RAWMATPF	Raw Material File
111	Fields from: MANFILPF	Product File

Infinium CA – Program PCR020

This program is associated with the *Update Costs* function.

Action Code	Field Name	Field or File Description
101, 111	Fields from: PRDCJRNL CAPEN PRDJRNL	Cost Journal File Infinium CA Entity File Product Journal File
101, 111	\$020ED	Extended cost difference
101, 111	\$020TI	Total inventory cost
101, 111	\$020UD	Unit cost difference
101	Fields from: RAWMATPF	Raw Material File
111	Fields from: MANFILPF	Product File

Infinium CA – Program PCR630

This program is associated with the *Copy Cost Type To Other Type* function.

Action Code	Field Name	Field or File Description
101, 111	Fields from: PRDCJRNL and CAPEN	Cost Journal File Infinium CA Entity File
101, 111	\$630ED	Extended cost difference
101, 111	\$630TI	Total inventory cost
101, 111	\$630UD	Unit cost difference
101	Fields from: RAWMATPF	Raw Material File Raw Material Inventory Transactions – Normal Cost Revaluation Menu: Copy Cost Type to Other Cost Type.
111	Fields from: MANFILPF	Product File Product Inventory Transactions – Normal Cost Revaluation Menu: Copy Cost Type to Other Type.

Infinium PM – Program PMGACM

This program is associated with the *Work with purchase orders* function.

Action Code	Field Name	Field or File Description
3-5, 13-15, 23, 53-55	Fields from: CAPEN, PMPPH, PMPPD, PMPPS	Infinium CA Entity File Purchase Order Header File Purchase Order Detail File Multi-ship File
3-5, 13-15, 53-55	Fields from: PRPPIL	Item Warehouse File
3,4, 13,14, 23, 53,54	\$ACMA#	PMGACM-G/L PARTIAL ACCT-CODE TABLE-CHT
3-5	Fields from: RAWMATPF	Raw Material File
13-15	Fields from: MANFILPF	Product File

Infinium PM – Program PMGATM

This program is associated with the *Work with invoice entry* function in Infinium PL.

Action Code	Field Name	Field or File Description
51, 52, 151	Fields from: PMPAT, PMPCT \$ATMVA	Account Transaction File Costing Transaction File PMGATM-Inventory Adjustment Amounts from PL for WAC

Infinium PM – Program PMGATM1

This program is associated with the *Receive purchase orders* function.

Action Code	Field Name	Field or File Description
111,112 113,114	Fields from: PMPAT	Account Transaction File

Infinium PM – Program PMGATM2

This program is associated with the *Receive purchase orders* function.

Action Code	Field Name	Field or File Description
111,112 113,114, 151	Fields from: PMPAT	Account Transaction File

Infinium PM – Program PMGDM

This program is associated with the *Work with debit memos* function.

Action Code	Field Name	Field or File Description
1-2, 11-12, 21-22	Fields from: CAPEN, PMPDM, PMPPH, PMPPD	Infinium CA Entity File Debit Memo File Purchase Order Header File Purchase Order Detail File
1-2, 11-12	Fields from: PRPPIL	Item Warehouse File
1-2	Fields from: RAWMATPF	Raw Material File
11-12	Fields from: MANFILPF	Product File

Infinium PM – Program PMGEDFT

This program is associated with the *Work with auto sourcing* function.

Action Code	Field Name	Field or File Description
1,2,5,11,12,15,22,25	Fields from: CAPEN, PMPPH, PMPPD, PMPPS	Infinium CA Entity File Purchase Order Header File Purchase Order Detail File Multi-ship File
1,2,5,11,12,15	Fields from: PRPPIL	Item Warehouse File
1,2,5	Fields from: RAWMATPF	Raw Material File
11,12,15	Fields from: MANFILPF	Product File

Infinium PM – Program PMGINM1

This program is associated with the *Work with inspections* function.

Action Code	Field Name	Field or File Description
101- 103, 111-113, 151-153	Fields from: CAPEN, PRPPIL, PMPIH, PMPID, PMPPH, PMPPD, PMPPR, PMPPS	Infinium CA Entity File Item Warehouse File Inspection Header Purchase Order Header File Purchase Order Detail File Receipt File Multi-ship File
101- 103	Fields from: RAWMATPF	Raw Material File
111- 113	Fields from: MANFILPF	Product File

Infinium PM – Program PMGPHM

This program is associated with the *Work with purchase orders* function.

Action Code	Field Name	Field or File Description
1,2,5,11,12,15, 22,25	Fields from: CAPEN, PMPPH, PMPPD	Infinium CA Entity File Purchase Order Header File Purchase Order Detail File
1,2,5,11,12,15	Fields from: PRPPIL	Item Warehouse File
1,2,5	Fields from: RAWMATPF	Raw Material File
11,12,15	Fields from: MANFILPF	Product File

Infinium PM – Program PMGPOS

This program is associated with the *Work with purchase orders* function.

Action Code	Field Name	Field or File Description
1,2,5,11,12,15, 22,25	Fields from: CAPEN, PMPPH, PMPPD, PMPPS	Infinium CA Entity File Purchase Order Header File Purchase Order Detail File Multi-ship File
1,2,5,11,12,15	Fields from: PRPPIL	Item Warehouse File
1,2,5	Fields from: RAWMATPF	Raw Material File
11,12,15	Fields from: MANFILPF	Product File

Infinium PM – Program PMGPRM1

This program is associated with the *Receive purchase orders* function.

Action Code	Field Name	Field or File Description
1-5, 11-15, 22,23,25	Fields from: CAPEN, PMPPH, PMPPD, PMPPR, PMPPS	Infinium CA Entity File Purchase Order Header File Purchase Order Detail File Receipt File Multi-ship File
1-5, 11-15	Fields from: PRPPIL	Item Warehouse File
1-5	Fields from: RAWMATPF	Raw Material File
11-15	Fields from: MANFILPF	Product File
101, 111, 121	Fields from: PMPAT, PMPPD, PMPPH, PMPPR	Account Transaction File Purchase Order Detail File Purchase Order Header File Receipt File

Infinium PM – Program PMGRHA01

This program is associated with the *Work with Reorder Point Processing* function.

Action Code	Field Name	Field or File Description
1-2, 4, 11-12,14,22	Fields from: CAPEN, PMPRH, PMPRD	Infinium CA Entity File Requisition Header File Requisition Detail File

Action Code	Field Name	Field or File Description
1-2, 4, 11-12, 14	Fields from: PRPPIL	Item Warehouse File
1-2,4	Fields from: RAWMATPF	Raw Material File
11-12,14	Fields from: MANFILPF	Product File

Infinium PM – Program PMGRHM

This program is associated with the *Work with requisitions* function.

Action Code	Field Name	Field or File Description
1-5,11-15,22,25	Fields from: CAPEN, PMPRH, PMPRD	Infinium CA Entity File Requisition Header File Requisition Detail File
1-5,11-15	Fields from: PRPPIL	Item Warehouse File
1-5	Fields from: RAWMATPF	Raw Material File
11-15	Fields from: MANFILPF	Product File

Infinium PM – Program PMGURS

This program is associated with the *Work with requisitions* function.

Action Code	Field Name	Field or File Description
1,2,5,11,12,15,22,25	Fields from: CAPEN, PMPRH, PMPRD	Infinium CA Entity File Requisition Header File Requisition Detail File
1,2,5,11,12,15	Fields from: PRPPIL	Item Warehouse File
1,2,5,11,12,15,22,25	Fields from: PMPRS	Multi-ship File
1,2,5	Fields from: RAWMATPF	Raw Material File
11,12,15	Fields from: MANFILPF	Product File

Appendix E

Partial Account Fields



The part consists of the following topics:

Topic	Page
Overview	E-2
Partial Accounts in Infinium CA Control Files	E-3
Partial Accounts in Infinium IC	E-9
Partial Accounts in Infinium CA Master Files	E-11
Partial Accounts in Infinium OP	E-14

Overview

This appendix contains the menu options and instructions for finding the various fields in the Infinium MM Suite that are partial accounts. Use these fields to assist Infinium JP in creating a general ledger account number.

Some fields contain enough characters to allow you to define the entire account number; however, use most of these fields to define a portion of an account number. Infinium JP uses these portions whenever it resolves or generates a full account number.

The partial fields listed in this appendix reside in the following applications:

- Infinium CA
- Infinium IC
- Infinium OP

The fields that you can use for partial accounts are listed below each screen in a table. The table does not list every field on the screen.

Partial Accounts in Infinium CA Control Files

Use the following menu paths.

- ▶ Infinium CA
- ▶ *Control Files*
 - ▼ *Work with Entity Controls* [WWEC] or
 - ▼ *Work with Company Controls* [WWCOC] or
 - ▼ *Work with Warehouse Controls* [WWWC] or
 - ▼ *Work with Plant Controls* [WWPC]

Attribute: G/L Integration Information

1/13/98	9:13:18	Work with Entity Controls	PRGENM	PRDENM
<hr/>				
G/L Integration Information				
Associated JP Company ____ +				
G/L Plant ____				
G/L Warehouse ____				
Partial Account Numbers				
Raw Material Inventory 000000000000				
Raw Material Count Variance 000000000000				
Raw Material Revaluation 000000000000				
Finished Goods Sales 000000000000				
Finished Goods Cost of Goods Sold 000000000000				
Finished Goods Inventory 000000000000				
Finished Goods Count Variance 000000000000				
Finished Goods Revaluation 000000000000				
Sales Discount 000000000000				
Unvouchered Payables 000000000000				
Purchase Price Variance 000000000000				
Manufacturing Usage Variance 000000000000				
<hr/>				
F2=Function keys F3=Exit F4=Prompt F10=QuickAccess F24=More keys				

Figure E-1: G/L Integration Information screen

These fields reside in the CAPEN file.

Field	Field Name	Field Length	Description
<i>Raw Material Inventory</i>	ENGRIN	12.0 N	Raw material inventory partial on the Control files
<i>Raw Material Count Variance</i>	ENGRCV	12.0 N	Raw material count variance partial on the Control files
<i>Raw Material Revaluation</i>	ENGRRV	12.0 N	Raw material revaluation partial on the Control files
<i>Finished Goods Sales</i>	ENGPSL	12.0 N	Product sales partial on the Control files
<i>Finished Goods Cost of Goods Sold</i>	ENGPCS	12.0 N	Product cost of goods sold partial on the Control files
<i>Finished Goods Inventory</i>	ENGPIN	12.0 N	Product inventory partial on the Control files
<i>Finished Goods Count Variance</i>	ENGPCV	12.0 N	Product count variance partial on the Control files
<i>Finished Goods Revaluation</i>	ENGPRV	12.0 N	Product revaluation partial on the Control files
<i>Sales Discount</i>	ENGSDS	12.0 N	Sales discount partial on the Control files
<i>Unvouchered Payables</i>	ENGRCT	12.0 N	Unvouchered payables partial on the Control files
<i>Purchase Price Variance</i>	ENGPPV	12.0 N	Purchase price variance partial on the Control files
<i>Manufacturing Usage Variance</i>	ENGUSV	12.0 N	Manufacturing usage variance on the Control files

Use the following menu paths.

- ▶ Infinium CA
- ▶ *Control Files*
 - ▼ *Work with Entity Controls* [WVEC] or
 - ▼ *Work with Company Controls* [WWCOC] or
 - ▼ *Work with Warehouse Controls* [WWWC] or
 - ▼ *Work with Plant Controls* [WWPC]

Attribute: Purchasing Information

8/09/00 15:13:38 Work with Company Controls PRGCCOM PRDCCOM

Purchasing Information

Company : TS1 INFINIUM SOFTWARE (INSTRUCTOR)

Default Receiver Item View 1 1=Desc, 2=Item Code, 3=Vendor Item

Purchasing Tax Default _ Y=Yes, N=No

Tax Authority Default _ +

Rate Code Default _ +

Recoverable _ Y=Yes, N=No

Tax Category Code Default _ +

Include Tax In Cost _ Y=Yes, N=No

Cost Code For Tax _ +

Tax Type Included _ 1=Total, 2=Non-Rec, 3=Rec

Proration Method _

GL Partial Account _____

EX API program name _____

F2=Function keys F3=Exit F4=Prompt F10=QuikAccess F24=More keys

Figure E-2: Purchasing Information screen

This field resides in the CAPEN file.

Field	Field Name	Field Length	Description
GL Partial Account	ENGLPA	36 A	GL partial account on Purchasing Information attribute

Use the following menu path.

- ▶ Infinium CA
- ▶ Code Files
 - ▼ Work with Product Sales Category [WWPSC]

1/13/98	9:15:35	Work with Product Sales Category	CAT01	CAT01FM
<hr/>				
Category	. . . . . : CAT4			
Sales Partial GL	. . . . . 0000000000			
Cost Partial GL	. . . . . 0000000000			
Category Description	. . . . . FOOD PRODUCT			
<hr/>				
F2=Function keys F3=Exit F10=QuikAccess F12=Cancel F24=More keys				

Figure E-3: Product Sales Category screen

These fields reside in the FGCTGDSC file.

Field	Field Name	Field Length	Description
Sales Partial GL	CATGL#	12.0 N	Sales partial account
Cost Partial GL	CATCGL	12.0 N	Cost of goods sold partial account

Use the following menu path.

- ▶ Infinium CA
- ▶ Code Files
 - ▼ Work with Code Tables [WWCDT]

Code Type: **GCD** (Gratis code)

Type **12** in the *Opt* field to work with code values.

1/14/1998 13:28:47	Code Value Maintenance	DMGCVN	DMDVNM
<hr/>			
Code type	GCD	Gratis.Code.....	
Company number	_____		
Active code type . . .	1	{ 0 Inactive, 1 Active }	
<hr/>			
Gratis Value	NC		
Gratis Description .	No Charge		
G/L Partial Account.	777		
<hr/>			
F3=Exit F4=Prompt F10=QuickAccess F12=Cancel F18=Message line			

Figure E-4: GCD Code Value Maintenance screen

Use this code value for Infinium OP.

This field resides in the DMPCV file.

Field	Field Name	Field Length	Description
<i>G/L Partial Account</i>	\$FIGNC	8 A	Cost of goods sold partial account number associated with the no charge code

\$FIGNC is the variable field name assigned by Infinium JP for the actual field, which is contained in file DMPCV. Use the \$ variable field in action definitions, not the true code value field name.

Use the following menu path.

- ▶ Infinium CA
- ▶ Code Files
 - ▼ Work with Code Tables [WWCDT]

Code Type: **CHT** (Charge Type code)

1/28/1998 14:46:52

Code Value Maintenance

DMGCVM

DMDVM

Code type : CHT

Charge.Type.....

Company number : _____

Active code type . . . : 1 { 0 Inactive, 1 Active }

Charge Type ERL

Charge Type Desc. . FREIGHT CHARGE

Charge Type Category 2

Include in Cost 0

Cost Code -

Proration method . . -

Gl Partial Account . _____

F3=Exit F4=Prompt F10=QuickAccess F12=Cancel F18=Message line

Figure E-5: CHT Code Value Maintenance screen

Use this code value for Infinium PM.

This field resides in the DMPCV file.

Field	Field Name	Field Length	Description
<i>Gl Partial Account</i>	\$ACMA#	30 A	Additional charge partial account number associated with the charge type code

\$ACMA# is the variable field name assigned by Infinium JP for the actual field, which is contained in file DMPCV. Use the \$ variable field in action definitions, not the true code value field name.

Partial Accounts in Infinium IC

Use the following menu path.

- ▶ Infinium CA
- ▶ *Control Files*
 - ▼ *Work with Adjustment Type* [WWAT]

1/13/98	9:17:51	Work with Adjustment Type	ADJTYP	ADJTYPFM
<hr/>				
Adjustment Type		##IADJ		
G/L Partial Account		00000123450000011170		
Code Description		INVENTORY ADJUSTMENTS		
Product History Slot		__ +		
<hr/>				
F2=Function keys F3=Exit F4=Prompt F10=QuickAccess F24=More keys				

Figure E-6: Adjustment Type screen

This field resides in the ADJTYPFL file.

Field	Field Name	Field Length	Description
<i>G/L Partial Account</i>	ADJGL#	36A	Inventory adjustment partial account number

Partial Accounts in Infinium CA Master Files

Use the following menu path.

- ▶ Infinium CA
- ▶ *Master Files*
 - ▼ *Work with Raw Material/Resource* [WWRMR]

Attribute: General Information

1/20/98	14:52:52	Display Raw Material/Resource	PRGMTLD	PRDMLD
General Information				
Material	:	RAW07		
Active Code	:	1 1=Active, 2=Experimental, 3=Remove		
Description - Line 1	:	APPLES		
Description - Line 2	:			
Material Unit of Measure	:	LB		
Commodity Code	:	MISC		
Inventory G/L Partial Account . . .	:			
Material Revision Level	:			
Sort Code	:			
Auto Source Capable Material . . .	:	Y		
Extended Description	:	N		
Item Notes	:	N		
Weight Per Volume	:	8.90000		
Specific Gravity	:	1.069		
Alternate Material	:			
Liquid Solid Code	:	2 1=Liquid, 2=Solid, 3=Both		
Report Type	:			
Critical Resource	:	N Y=Yes, N=No		
F2=Function keys F3=Exit F8=Print F10=QuikAccess F24=More keys				

Figure E-7: Raw Material/Resource General Information screen

This field resides in the RAWMATPF file.

Field	Field Name	Field Length	Description
<i>Inventory G/L Partial Account</i>	RMGLTY	8 A	Raw material inventory partial account number

Use the following menu path.

- ▶ Infinium CA
- ▶ *Master Files*
 - ▼ *Work with Products [WWP]*

Attribute: General Information

1/20/98	14:53:59	Display Products	PRGPRDD	PRDPRDD
General Information				
Product		PROD02		
Active Record		1 1=Active, 2=Obsolete, 3=Remove		
Description - Line 1		APPLE PIE		
Description - Line 2				
Display Description				
Inventory Unit of Measure		EA		
Commodity Code		MISC		
Inventory G/L Partial Account				
Product Revision Level				
Sort Code				
Auto Source Capable Material		Y Y=Yes, N=No		
Extended Description		N Y=Yes, N=No		
Item Notes		N Y=Yes, N=No		
Kit Product		N Y=Yes, N=No		
Manufactured or Purchased Code		1 1=Manufactured, 2=Purchased		
Formula used		FORM03		
Container Bill of Material		FORM07		
Weight per Volume Factor				
F2=Function keys F3=Exit F8=Print F10=QuickAccess F24=More keys				

Figure E-8: Products General Information screen

This field resides in the MANFILPF file.

Field	Field Name	Field Length	Description
<i>Inventory G/L Partial Account</i>	MNPRGL	8 A	Product inventory partial account number

Use the following menu path.

- ▶ Infinium CA
- ▶ *Master Files*
 - ▼ *Work with Products [WWP]*

Attribute: Customer Order Information

1/20/98	14:54:22	Display Products	PRGPRDD	PRDPRDD
Customer Order Information			Page 1 of 3	
Product	:	PROD02		
Description	:	APPLE PIE		
Payment Terms	:			
Charge Sales Tax	:	N Y=Yes, N=No		
Vertex Transaction Code	:			
Sales Product Category	:	CAT4		
Price Class Code	:			
Price Discount Percent	:			
Net Price Product	:	N Y=Yes, N=No		
Product Price Group	:			
Price Units per Container	:	1.0000		
Price Unit of Measure	:	EA		
Give Large Order Discount	:	N Y=Yes, N=No		
Large Order Discount Code	:			
Sales G/L Partial Account	:			
COGS G/L Partial Account	:			
F2=Function keys F3=Exit F8=Print F10=QuikAccess F24=More keys				

Figure E-9: Products Customer Order Information screen

These fields reside in the MANFILPF file.

Field	Field Name	Field Length	Description
<i>Sales G/L Partial Account</i>	MNSAGL	8 A	Product sales partial account number
<i>COGS G/L Partial Account</i>	MNCSGL	8 A	Product cost of goods sold partial account number

Partial Accounts in Infinium OP

Use the following menu path.

- ▶ Infinium OP
- ▶ *Order Processing*
- ▶ *Order Processing Control Files*
 - ▼ *Work with Order Types* [WWOT]

1/13/98	9:29:22	Work with Order Types	OPGCOTM	OPDCOTM
<hr/>				
Order Type	:	INFRG		
Description	:	INF Regular Order		
MISCELLANEOUS				
Allow Negative Quantities	N	{Y=Yes, N=No}		
Pre-payment Required	N	{Y=Yes, N=No}		
Minimum Quantity Amount		_____ .0000		
Maximum Quantity Amount		_____ .0000		
Credit Memo	N	{Y=Yes, N=No}		
Debit Memo	N	{Y=Yes, N=No}		
No Charge Code		_____ +		
Sales G/L		_____		
Cost G/L		_____		
<hr/>				
F2=Function keys F3=Exit F4=Prompt F6=Create F24=More keys				

Figure E-10: Order Types screen

These fields reside in the OPPCOT file.

Field	Field Name	Field Length	Description
<i>Sales G/L</i>	OTGLSA	8 A	Sales partial account number
<i>Cost G/L</i>	OTGLCS	8 A	Cost of goods sold partial account number

Use the following menu path.

- ▶ Infinium OP
- ▶ *Order Processing*
- ▶ *Order Processing Control Files*
 - ▼ *Work with Sales Tax [WWST]*

1/13/98	9:30:00	Work with Sales Tax	OPGTAXM	OPDTAXM
<hr/> Company . . . : IS1 State . . . : MA Code . . . : <hr/>				
Description <u>Mass 5% sales tax</u> Rate <u>5.0000</u> OPTIONAL Effective till _____ New Rate <u>.0000</u> G/L Code _____ <hr/> F2=Function keys F3=Exit F6=Create F10=QuickAccess F24=More keys <div style="text-align: right;">█</div>				

Figure E-11: Sales Tax screen

This field resides in the OPPTAX file.

Field	Field Name	Field Length	Description
<i>G/L Code</i>	TXGLCD	8 N	Sales tax partial account code

Use the following menu path.

- ▶ Infinium OP
- ▶ *Order Processing*
- ▶ *Order Processing File Maint*
 - ▼ *Work with Salespersons [WWS]*

1/13/98	9:30:36	Work with Salespersons	OPGSLMM	OPDSLMM
Company . . . : IS1 Salesperson . : 2				

Name	Susan Jones			
Address 1	3 North St			
Address 2				
City	Hyannis	State	MA	
		Zip	02601	
Region	EUROP +			
Territory	92111 +			
MTD Commission . . . . .	.00			
YTD Commission . . . . .	.00			
Last Year Commission . . . . .	.00			
G/L Partial Accounts				
Sales G/L				
Cost G/L				
Discount G/L				
F2=Function keys F3=Exit F4=Prompt F6=Create F24=More keys				

Figure E-12: Salespersons screen

These fields reside in the OPPSLM file.

Field	Field Name	Field Length	Description
<i>Sales G/L</i>	SLSCD	8 A	Sales partial account number
<i>Cost G/L</i>	SLCCD	8 A	Cost of goods sold partial account number
<i>Discount G/L</i>	SLDCD	8 A	Discount partial account number

Use the following menu path.

- ▶ Infinium OP
- ▶ *Order Processing*
- ▶ *Order Processing File Maint*
 - ▼ *Work with Miscellaneous Charges [WWMC]*

1/13/98 9:31:10 Work with Miscellaneous Charges OPGMSCM OPDMSCM

Charge Code : FRT

Description Freight Charge

G/L Partial Account

Unit Price 10.000000

Charge Sales Tax N (Y=Yes, N=No)

F2=Function keys F3=Exit F6=Create F10=QuickAccess F24=More keys

Figure E-13: Miscellaneous Charges screen

This field resides in the OPPMSC file.

Field	Field Name	Field Length	Description
<i>G/L Partial Account</i>	MSGLCD	8 A	Miscellaneous charge partial account number

Notes

Appendix F

System Codes and Corresponding Programs



The table in this appendix identifies the system codes that are shipped with Infinium JP and the programs that are associated with each code. These programs contain action points and action codes that interface with Infinium JP.

System Code	Program Name	Description
CA	COR025	The <i>Work with FIFO/LIFO</i> open files in costing utilities and FIFO/LIFO costing.
	PCR020	Normal cost change/re-evaluations for inventory items
	PCR630	The <i>Copy Cost Type To Other Type</i> option in the <i>Cost Controls Menu</i> menu in the <i>Costing Utilities</i> menu
IC	ICGCAD2	The <i>Work with Cost Adjustments</i> option in the <i>Inventory Control</i> menu
	ICGIAD	The <i>Work with Inventory Adjustments</i> option in the <i>Inventory Control</i> menu
	ICGIRP	The <i>Work with Inventory Repackaging</i> option in the <i>Inventory Control</i> menu
	ICGIRR	The <i>Work with Issue/Return Req</i> option in the <i>Inventory Control</i> menu
	ICGITF	The <i>Work with Inventory Transfers</i> option in the <i>Inventory Control</i> menu
	ICGIPM	The <i>Post or Close</i> option in the <i>Physical Inventory</i> menu
	ICGRTO	The <i>Receive Transfer Orders</i> option in the <i>Inventory Control</i> menu
	ICGSTO	The <i>Ship Transfer Orders</i> option in the <i>Inventory Control</i> menu
	INR04B	The <i>Post Receipts for P/O</i> option in the <i>Inventory Control</i> menu
MC	MCR025	The <i>Close to Cost Batch (FINAL)</i> option in the <i>Manufacturing Control</i> menu
OP	OPGFIGL	The <i>Print Final Invoices</i> option in the <i>Work with Orders</i> menu in the <i>Order Processing</i> menu
	OPGGLA	The <i>Order Processing Entry</i> option in the <i>Work with Orders</i> menu in the <i>Order Processing</i> menu
PM	PMGACM	The <i>Work with Purchase Orders</i> option ([F14] Additional Charges) in the <i>Purchase Orders</i> menu
	PMGATM	The <i>Post Invoice</i> option in the <i>Infinium Payables Ledger Work with invoice entry</i> option
	PMGATM1	The <i>Receive purchase orders</i> option in the <i>Receiving</i> menu

System Code	Program Name	Description
	PMGATM2	The <i>Post invoice</i> option in the Infinium Payables Ledger <i>Work with invoice entry</i> option
	PMGDM	The <i>Create debit memos</i> option in the <i>Receiving</i> menu
	PMGEDFT	The <i>Work with auto sourcing</i> option in the <i>Purchase Orders</i> menu
	PMGINM1	The <i>Work with inspections</i> option in the <i>Inspections</i> menu
	PMGPHM	The <i>Work with purchase orders</i> option in <i>Purchase Orders</i> menu
	PMGPOS	The <i>Work with Purchase Orders</i> option ([F17] Multi-Ships) in the <i>Purchase Orders</i> menu
	PMGPRM1	The <i>Receive purchase orders</i> option in the <i>Receiving</i> menu
	PMGRHA01	The <i>Receive purchase orders</i> option in the <i>Receiving</i> menu
	PMGRHM	The <i>Work with requisitions</i> option in the <i>Requisitions</i> menu
	PMGURS	The <i>Work with requisitions</i> option ([F17] Multi-Ships) in the <i>Requisitions</i> menu

Notes

This appendix lists all of the error codes that can be passed from Infinium JP to an application that is using Infinium JP to build a general ledger account. Each error code and error description is followed by an explanation of the condition. Program JPGAPI10 passes the error codes listed below through parameter JPF.

Infinium recommends all users review the explanations for each error code. Also, refer to the “Printing Infinium JP Reports” appendix for more information on the Missing Definition, Account Error, and Definition Error sample error codes.

Error 1: No JP Action Definition

This error occurs when Infinium JP unsuccessfully searches for an action definition for an action identifier (company/program/action code combination), but one has not been established.

An account number is not returned to the program.

Whether or not this condition is considered to be an error is dependent upon the individual applications. For example, not finding an action definition is not considered an error condition for programs PMGRHM and PMGPHM in Infinium PM. These programs ignore the error and continue processing. However, this is an error for program PMGPRM1 since account resolution is critical to this program.

Error 2: Inactive Action Definition

This error occurs when Infinium JP successfully finds an action definition for the action identifier (company/program/action code combination), but the action definition is inactive.

An account number is not returned to the program.

Error 3: Recursive Lookup

This error occurs when values in a lookup table create an endless loop during a chase procedure.

An account number is returned to the program.

For example, two lookup values and their replacement values are:

Lookup Value	Replacement Value
Item A	XYZ
XYZ	Item A

When Infinium JP detects the endless loop, it automatically drops out of the procedure.

Error 4: Lookup Not Found

This error occurs when one of the fields of an action definition is using a lookup value and one of the following is true:

- A lookup value is not defined for this field for this action identifier (company/program/action code combination).
- A lookup value is defined for this field, but the field value is not contained in the lookup table.

An account number is returned to the program.

Error 5: No JP Company Record

This error occurs when a company is not using Infinium GL. When Journal Processor resolves an account, it validates the account that it just built against the company's account structure. If the account structure has not been defined, this error condition occurs.

If you do not use Infinium GL, you must define a company within Infinium JP and, within that company, define its account structure.

Error 6: Invalid GL

This error occurs when Infinium JP builds an account number that is not valid in Infinium GL.

An account number is returned to the program.

Error 7: Invalid Use

This error occurs when Infinium JP builds an account number that is valid in Infinium GL, but the Infinium GL account is defined as a statistical account.

An account number is returned to the program.

Error 8: Invalid Use

This error code is reserved for future use.

Error 9: Company within 1st Segment of Account Number Invalid

This error occurs when the program GLAPI sends back one of the following error conditions:

- 01** The first segment of the general ledger account number has more than three characters.
- 02** The company segment of the account number is blank or the company represented in the company segment is not defined in Infinium GL.

An account number is returned to the program.

Error A: Non-Posting Account

This error occurs when Infinium JP builds a valid general ledger account number, but the account is defined in Infinium GL as a non-posting account.

An account number is returned to the program.

Error B: Inactive Account

This error occurs when Infinium JP builds a valid general ledger account number, but the account is defined in Infinium GL as inactive.

An account number is returned to the program.

Error C: GL Company Invalid

This error occurs when using Journal Processor in a non-Infinium integration. (Journal Processor is being used to generate General Ledger accounts but the Infinium MM product suite is not installed). The program GLAPI sends back an error message indicating that the Infinium GL company passed by Infinium JP is not valid. The logic is as follows:

- 1 Infinium JP passes the company from the application program.
- 2 If the application program does not pass a company, Infinium JP passes the general ledger company defined in the action definition.
- 3 If you have not defined a general ledger company in the action definition, Infinium JP passes the company defined in the action definition.

An account number is returned to the program.

Error D: GL Company Inactive

This error occurs when the program GLAPI sends back an error message that the general ledger company is not active.

An account number is returned to the program.

Error E: GL Company Authority

This error occurs when the program GLAPI sends back an error message that the user is not authorized to the general ledger company.

An account number is returned to the program.

Error F: GL Company/Account Currency Mismatch

This error occurs when either:

- The base currency for the GL company does not match the base currency of the CA company, or

- If the base currencies of the GL and CA companies do match, that the individual GL account is denominated in a currency that does not match the CA company base currency.

This error check is performed when the value of the *Currency Management* field in the Infinium CA, Entity Controls, System Information attribute is **S2K**.

Notes



This appendix explains how you can use a particular code type within Infinium JP to assist you in debugging problems with your action definitions.

If you have an action definition that you suspect does not build the proper general ledger account number, then you can define a code value that specifies the particular action identifier with which you are having trouble.

Every time the system uses that action identifier, the system prints out a report. The report includes:

- The action definition itself
- Every field in the data collection file and the associated values at the time that action definition is used

To debug a problem in building the proper account number, print out a report using the following steps:

- 1 Select the *Control Files* option in Infinium JP.
- 2 Select the Work with code files option.

The system displays the following screen:

```

8/11/1998 10:53:56      Work with Code Files      JPGCTM      JPDCTM
-----
Position to . . . System designator . _ Code type . . _
Type options, press enter.
  2=Change  4=Delete  5=Display  12=Work with code values

Search _____
Opt Code type Code type description Active System Source
12 POP Program Debug Options 1 0
_ PRG Jp Programs to Compile 1 0
_ DFT JP Default Values 1 JP 0
_ SEP Date 1 JP 0
_ SLB Summary level breaks 1 JP 1

F3=Exit F5=Refresh F6=Add New Type F10=Quick access F24=More keys
-----
24-79 SA MW KS CL IM DM II WHQ421 KB S2KCTLS1

```

Figure H-1: Code Types selection screen

- 3 Type **12** in the *Opt* field next to code type POP and press [Enter].

The system displays the following screen.

```

8/11/1998 11:10:49      Code Value Maintenance      JPGCV M      JPD CVM
-----
Code type . . . . . : POP Program.Debug.Options.....
Position to . . . . Code Value . _____
                    Company . . . _ +
Type options, press enter.
  2=Change  4=Delete  5=Display
----- S e a r c h -----
Opt API Program Name . . Company Company . . . . . Active
2 JPGAPI10 0
_ JPGDCS1 VMS 0

F3=Exit F4=Prompt F5=Refresh F6=Add F24=More keys
-----
24-78 SA MW KS CL IM DM II WHQ421 KB S2KCTLS1

```

Figure H-2: Code Value selection screen

- 4 Type **2** in the *Opt* field next to the API program name and press [Enter].

API program JPGAPI 10 generates the Debug report when the general ledger account is built within an Infinium MM application, for example using the *Work with purchase orders* option.

API program JPGDCS1 generates the Debug report when the data collector is started and the general ledger accounts are built as part of the data collector process. For example, all accounts in the MCR025 action point are resolved as part of the Data Collector process.

The system displays the following screen.

1/13/1998 9:32:42 Code Value Maintenance JPGCVM JPDCVM

Code type : POP

Company number :

Active code type . . . 1 { 0. Inactive, 1. Active }

API Program Name . . . JPGAPI10

Company IS1

Program PMGPHM

Action Code 011

F3=Exit F4=Prompt F10=Quick access F12=Cancel F18=Message line

Figure H-3: Code Value Maintenance screen

- 5 Fill in the appropriate values in the *API Program Name*, *Company*, *Program*, and *Action Code* fields and press [Enter].

You must type the leading blanks before your company identifier in the *Company* field.

You must type leading zeros in front of action codes less than 3 digits long. For example, you must type Action Code 21 as **001**.

If you leave the *Program* and *Action Code* fields blank, the system generates the Debug report whenever an Infinium MM application builds a general ledger account. This is useful if you are not sure of the action code of the account being generated.

- 6 Press [F3] to exit and save your changes.

If you have valid entries in the fields on this screen, Infinium JP will print out a report every time this action code is used. The report contains:

- The action definition itself
- Every field in the data collection file and the associated values at the time that action definition is used

If you do not want to print out the report at all, blank out the fields on this screen. Do not make the code type inactive.

Appendix I

Processing Flowcharts



This appendix contains flowcharts that represent the following:

- Processing data
- Creating general ledger batches
- Reprocessing errors

Infinium Journal Processor

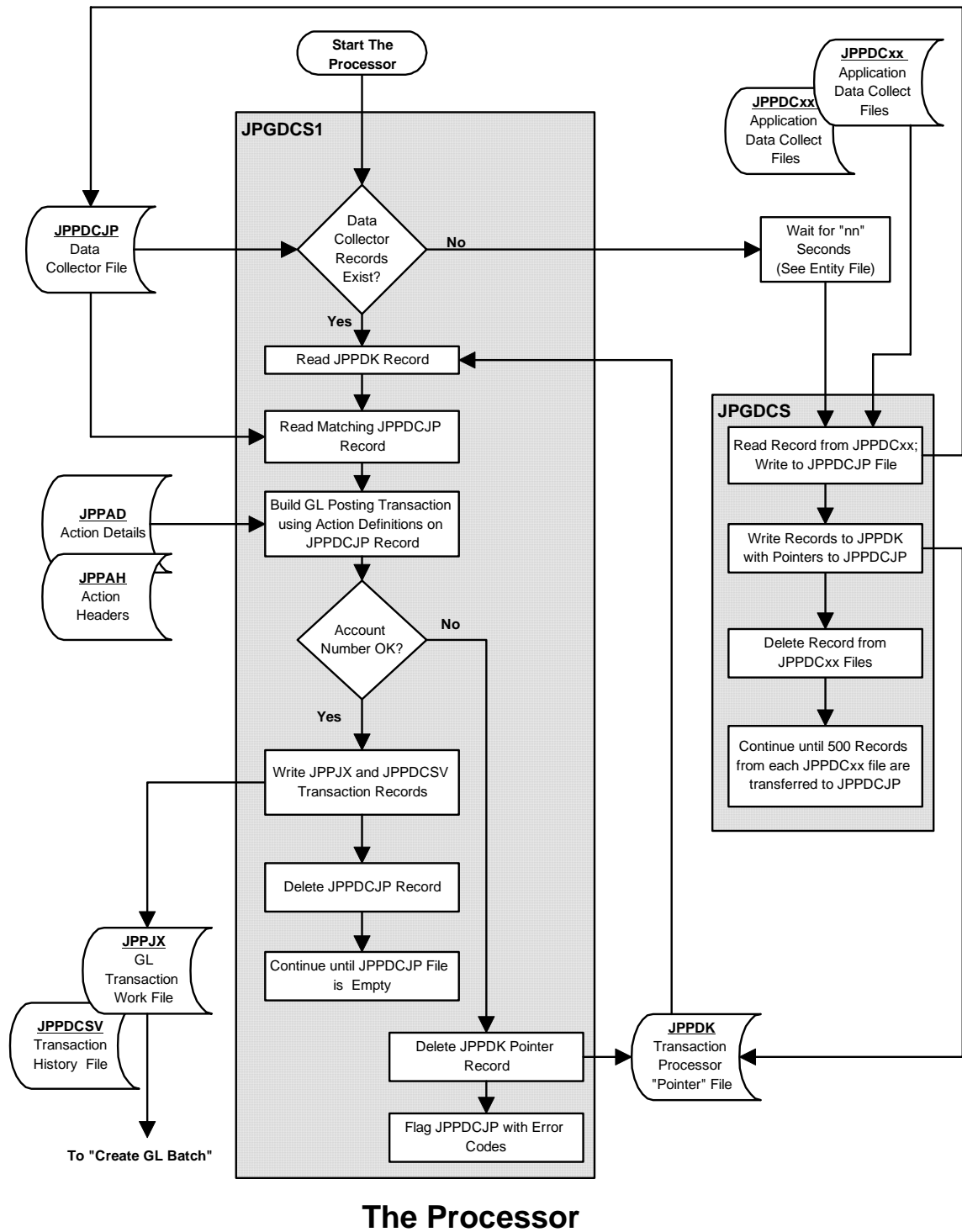


Figure I-1: G/L Integration Information screen

Infinium Journal Processor

Create GL Batch

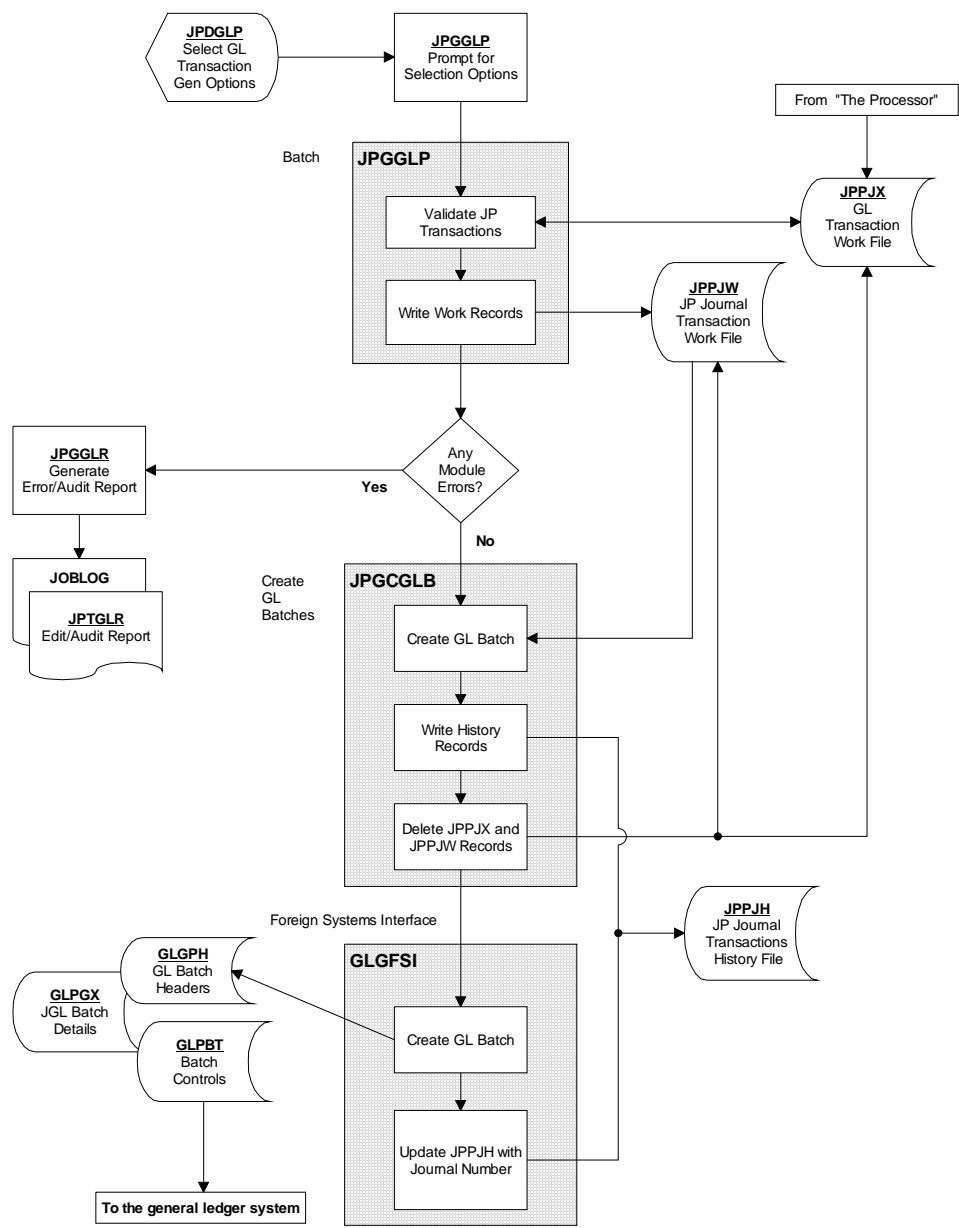


Figure I-2: G/L Integration Information screen

Infinium Journal Processor Error Reprocessing

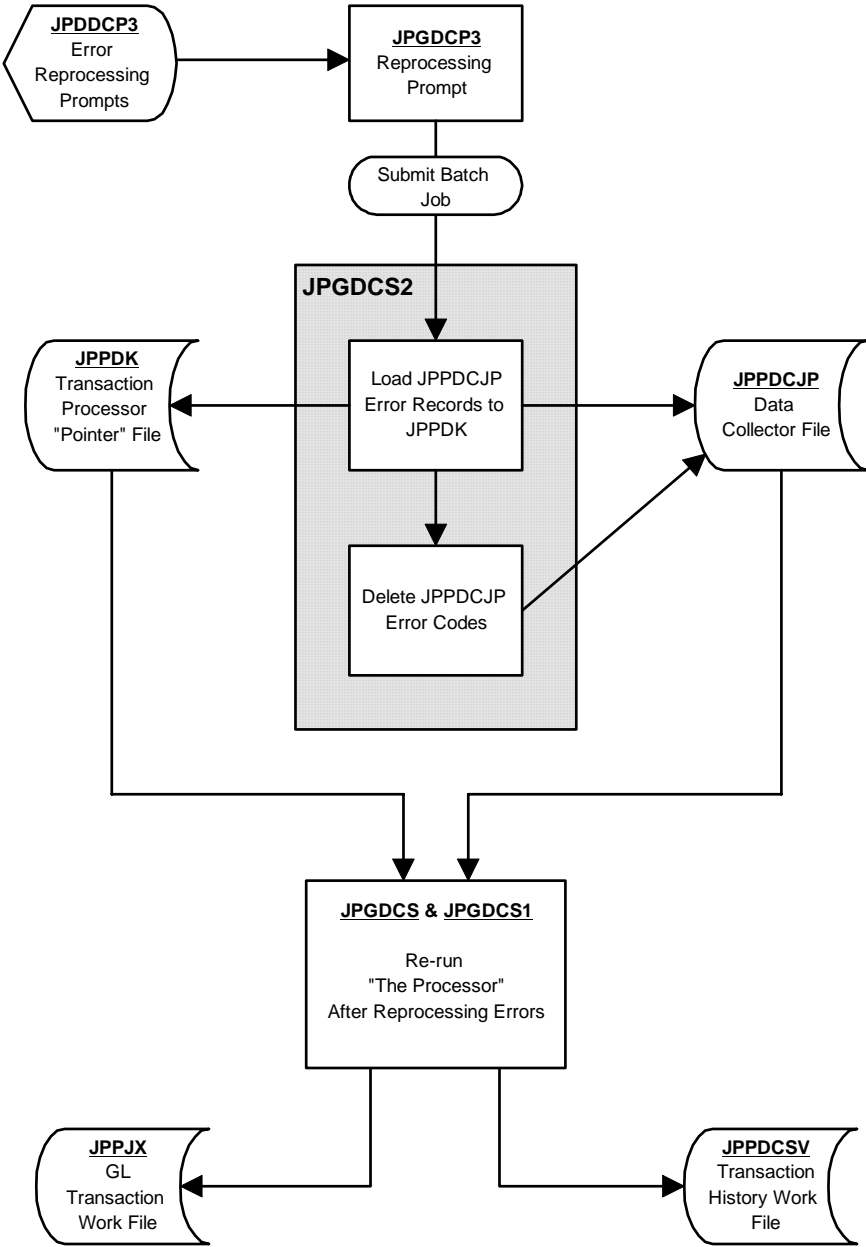


Figure I-3: G/L Integration Information screen

Appendix J

Defining AS/400 or iSeries Authority

J

The part consists of the following topics:

Topic	Page
Defining Authority	J-2

Defining Authority

During the setup and operation of the Data Collector, you must have authority to certain commands on the AS/400 or iSeries. This appendix discusses the authorities you need.

The Infinium JP job queue and subsystem naming convention is **JPJOBQxxx** and **JPSUBxxx**, respectively, where **xxx** is the Infinium Application Manager version in which Infinium JP is installed.

Working with Entity Controls

You need ***USE** authority if you press [F3] from the *Work with entity controls* option and save your changes and one of the following is true:

- No entity record is present (for example, after a new installation)
- You change the program library name
- You are setting up a new version of the software

Modifying these controls builds or rebuilds the Journal Processor subsystem.

To change entity controls, you need the following authorities:

- Create subsystem (CRTSBSD): *USE
- Add route entry (ADDRTGE): *USE
- Create job queue (CRTJOBQ): *USE
- Delete job queue (DLTJOBQ): *USE
- Remove job queue entry (RMVJOBQE): *USE
- Add job queue entry (ADDJOBQE): *USE

Creating the Data Collector

To create the Data Collector, you need the following authorities:

- Create physical files (CRTPF): *USE
- Create logical files (CRTLF): *USE

- Create RPG program (CRTRPGPGM): *USE
- Create printer files (CRTPRTF): *USE
- The Infinium JP program library: *CHANGE
- The Infinium JP database library: *CHANGE

Starting and Ending the Data Collector

To start and end the Data Collector, you need the following authorities:

- Start subsystem (STRSBS): *USE
- End subsystem (ENDSBS): *USE

Special Information for Customers in an ASP Environment

We have always followed the convention that all Infinium application objects belong to the special user profile, S2KOBJOWNR. All users belong to a group user profile, S2KOBJOWNR.

However, in an Application Service Provider (ASP) environment, individual user IDs do not belong to the S2KOBJOWNR group. When a user creates an object (program, files, etc.), it belongs to the user who created it. This means that any other legitimate user using our application could not access this object.

We have addressed this situation by adding code to programs, whereby the ownership of an object created (at run time) is changed to S2KOBJOWNR, so all legitimate users can run our application without any authority issue.

All of our application programs are intended to run under the Infinium AM environment, to avoid any situation of insufficient authority to objects belonging to our applications. Therefore, all programs running interactively should be run from an Infinium AM menu and all programs running in batch must be part of a batch job submitted through Infinium AM.

Calling a program from a command line or submitting a job using the IBM **SBMJOB** command instead of through Infinium AM API may lead to insufficient authority to legitimate application objects. This is true especially when the current user profile is not part of the S2KOBJOWNR group, since all of our application products belong to S2KOBJOWNR.

Infinium JP does include situations where programs are submitted using the IBM **SBMJOB** command. To avoid authority issues in this situation, the first program to run needs to have the following 2 parameters set as follows:

USRPRF (*OWNER)

USEADPAUT (*YES)

The affected programs are as follows:

- JPGAPI04
- JPGDCS
- JPGDCS1
- JPCDCC
- JPCDCP1A
- JPCDCP3A

If any of these programs are recompiled, the user needs to ensure that the above parameters set as required. You can do this with the **CHGPGM** command for one program at a time. All programs can be taken care of using a program provided in Infinium Cross Applications.

To ease the process of changing all these programs, a CL program and its associated files are provided in the Infinium Cross Applications Release 8.1 Program Library.

Object	Type	Attribute	Text
CACELPN	*PG M	CLLE	CA Set parms for Entry Level pgms- USRPRF & USEADPAUT
CADELPN	*FILE	DSPF	CA Set parms for MM/PR Entry Level programs

Instructions to Run the Program

- 1 Make sure that the programs were recompiled with a user profile belonging to S2KOBJOWNR group; or, after creation of programs the ownership is changed to S2KOBJWONR.
- 2 Sign on to Infinium CA Release 8.1 version.
- 3 Press [F10] to get the Quick Access code window.
- 4 Type **SPFELP** in the first entry field. Do not change the values in the second and third entry fields.
- 5 Press [Enter].

Specify the program libraries. You can specify libraries for one or more products at the same time.

Appendix K

Valid Fields for Currency Cross-Referencing



The part consists of the following topics:

Topic	Page
Overview of Currency Cross-Referencing	K-2
Fields Available for Cross-Referencing for Currency	K-3

Overview of Currency Cross-Referencing

You can print a complete listing of all fields that are currently cross-referenced in your system. To print this listing, select the *Print cross-reference report* menu option. For more information, refer to the “Printing Infinium Journal Processor Reports” appendix.

For more information and steps on adding a field cross-reference, refer to the “Setting Up Preliminary Information” section.

Dollar sign (\$) fields are work fields that are available to selected action definitions.

Fields Available for Cross-Referencing for Currency

The tables below list each program and the fields available for cross-referencing.

Dollar sign (\$) fields are not database field names. These fields are program work fields that are available to selected action definitions.

Infinium IC – ICGRTO

Menu Option	Transaction Currency Field Name	Base Currency Field Name	Field Description
<i>Receive transfer orders</i>	XDXPVT	XDXPVB	Extended PPV
	XDXRCT	XDXRCB	Extended Receipt
	XDXACT	XDXACB	Cost
	XDXNCT	XDXNCB	Extended Adjust Cost Extended To Warehouse Inventory Cost

Infinium IC – ICGSTO

Menu Option	Transaction Currency Field Name	Base Currency Field Name	Field Description
<i>Ship transfer orders</i>	XDXSCT	XDXSCB	Extended Ship Cost
	XDXICT	XDXICB	Total Intercompany Amount

Infinium OP – OPGFIGL

Menu Option	Transaction Currency Field Name	Base Currency Field Name	Field Description
<i>Print</i>	OIXEPR	OIEPR	Extended Price
<i>Final</i>	OIXSTA	OISTAM	State Tax Amount
<i>Invoices</i>	OIXL1A	OIL1AM	Local Tax 1 Amount
	OIXL2A	OIL2AM	Local Tax 2 Amount
	OIXL3A	OIL3AM	Local Tax 3 Amount
	OIXL4A	OIL4AM	Local Tax 4 Amount
	OIXTXI	OITXIN	GT Tax Inclusive
	OIXTXE	OITXEX	GT Tax Exclusive
	OIXTTO	OITTOT	Taxable Amount
	OIXSAA	OISTAX	Sales Tax Amount
	OIXDIS	OIDISA	Trade Discount
	OIXIT	OIITOT OICOM	Amount
	OIXCOM		Item Total Amount
			Item Commission
<i>Work with purchase orders</i>	OIXUP	\$FIGOP	Line item sales price
	OHXOTO	\$FIGTO	Total sales order amount
	OHXMIS	\$FIGMC	Miscellaneous charges
	OIXSAA	\$FIGLT	Tax on sales order line items

Infinium PM – PMGATM1

Menu Option	Transaction Currency Field Name	Base Currency Field Name	Field Description
<i>Receive purchase orders</i>	ATIAMT	ATBIAA	Inventory Acct.
	ATRAMT	ATBINR	Amount
	ATVAMT	ATBVAM	INR/RNI Account Amount
			Variance Account Amount

Infinium PM – PMGATM2

Menu Option	Transaction Currency Field Name	Base Currency Field Name	Field Description
<i>Receive purchase orders</i>	ATIAMT	ATBIAA	Inventory Acct.
	ATRAMT	ATBINR	Amount
	ATVAMT	ATBVAM	INR/RNI Account Amount Variance Account Amount

Infinium PM – PMGPRM1

Menu Option	Transaction Currency Field Name	Base Currency Field Name	Field Description
<i>Receive purchase orders</i>	ATIAMT	ATBIAA	Inventory Acct.
	ATRAMT	ATBINR	Amount
	ATVAMT	ATBVAM	INR/RNI Account Amount Variance Account Amount

Notes