

Release 6.2





Patch 2 Release Notes

Before using this information and the product it supports, read the information in "Notices" on page Notices-1.

-Note-

This edition applies to version 6, release 2, modification 2 of IBM Maximo Enterprise Adapter for Oracle Applications 11i and to all subsequent releases and modifications until otherwise indicated in new editions. This edition replaces any previous edition of this document.

© Copyright International Business Machines Corporation 2008. All rights reserved.

US Government Users Restricted Rights - Use, duplication or disclosure restricted by GSA ADP Schedule Contract with IBM Corp.

Contents

About This Publication	v
Intended Audience	v
Related Information.	v
IBM Support	V
Release Notes	1
Update Checklist	2
Installation Prerequisites	3
Installation of MEA for Oracle Release 6.2 Patch 2	4
Import of Release 6.2 Patch 2 into Maximo	5
Importing Secondary Language Files into Maximo	6
Processing of Transactions in Queues	7
Transactions in BEA WebLogic® Server Queues	7
Transactions in IBM WebSphere® Server Queues	8
Processing of Transactions in Interface Tables	9
Transactions in Maximo Interface Tables	9
Transactions in Oracle Applications Open Interface Tables	10
Manual Updates	11
Patch 2 Fixed Issues	14
Release 6.2 Patch 2	14
Release 6.2 Patch 1	14
NoticesNotic	ces-1

About This Publication

This section explains how this guide can help you to use the IBM[®] Maximo[®] Enterprise Adapter for Oracle[®] Applications 11i (MEA for Oracle). It also provides information about other IBM Corporation resources available to you, such as additional documentation and support.

Intended Audience

This guide is for system administrators or other personnel who will install and configure the MEA for Oracle Applications 11i Release 6.2 Patch 2.

Related Information

For more information about the MEA for Oracle, refer to the following documentation.

Document	Description
IBM Maximo System Administrator's Guide	Describes how to configure and use IBM Maximo.
IBM Maximo Enterprise Adapter System Administrator's Guide	Describes how to configure and use the MEA.
IBM Maximo Enterprise Adapter for Oracle Applications 11i System Administrator's Guide	Describes how to use the MEA for Oracle.
IBM Maximo Enterprise Adapter for Oracle Applications 11i Installation Guide	Describes how to install and configure the MEA for Oracle.
IBM Maximo Help	Provides step-by-step procedures for each IBM Maximo application.

IBM Support

IBM Software Support provides assistance with product defects.

Before contacting IBM Software Support, your company must have an active IBM software maintenance contract, and you must be authorized to submit problems to IBM. For information about the types of maintenance contracts available, see "Enhanced Support," in the *Software Support Handbook* at techsupport.services.ibm.com/guides/services.html.

Complete the following steps to contact IBM Software Support with a problem:

- 1 Define the problem, gather background information, and determine the severity of the problem. For help, see the "Contacting IBM," in the *Software Support Handbook* at <u>techsupport.services.ibm.com/guides/beforecontacting.html</u>.
- **2** Gather diagnostic information.
- **3** Submit your problem to IBM Software Support in one of the following ways:
 - **a** Online: Click **Submit and track problems** on the IBM Software Support site at <u>www.ibm.com/software/support/probsub.html</u>.
 - **b** By telephone: For the telephone number to call in your country, go to the Contacts page of the IBM Software Support Handbook at <u>techsupport.services.ibm.com/guides/contacts.html</u>.

If you submit a problem that is a software defect or for missing or inaccurate documentation, IBM Software Support creates an Authorized Program Analysis Report (APAR). The APAR describes the problem in detail.

Whenever possible, IBM Software Support provides a workaround that you can implement until the APAR is resolved and a fix is delivered. IBM publishes resolved APARs on the Software Support Web site daily, so that other users who experience the same problem can benefit from the same resolution.

Release Notes

This document describes the activities involved in the installation of the IBM Maximo Enterprise Adapter for Oracle Applications 11i (MEA for Oracle) Patch 2.

NOTE Before installing the MEA for Oracle Applications 11i Release 6.2 Patch 2, you must have Maximo Release 6.2 installed on your server.

If you have installed Release 6.0 of MEA for Oracle, refer to the *IBM Maximo Enterprise Adapter for Oracle Applications 11i Release 6.0 to 6.2 Release Notes* the IBM Software Support Web for your specific installation instructions.

Install the MEA for Oracle Applications 11i Release 6.2 Patch 2 in a test environment before you install it in a production environment.

When you install the MEA for Oracle Applications 11i Release 6.2 Patch 2, have the following documents available for reference:

- ▼ IBM Maximo Enterprise Adapter for Oracle Applications 11i Installation Guide
- ▼ IBM Maximo Enterprise Adapter for Oracle Applications 11i System Administrator's Guide
- ▼ IBM Maximo System Administrator's Guide

Update Checklist

The following checklist provides an overview of what you must do to install Release 6.2 Patch 2. The remainder of this chapter provides detailed instructions.

Prerequisite Activities

- [] Determine the current software version of MEA for Oracle Applications Release 6.2.
- [] Process transactions in the inbound and outbound queues.
- [] Process transactions in the Maximo interface tables and Oracle Applications interface tables.
- [] Disable the Oracle external system in the Maximo External Systems application.
- [] Stop the Maximo application servers and services.
- [] Stop the Actuate[®] servers and services.
- [] Back up the Maximo root folder.
- [] Back up the Maximo database.

Installation Activities

- [] Install MEA for Oracle Applications 11i Release 6.2 Patch 2.
- [] Rebuild and deploy the maximo.ear file.
- [] Start the Maximo application servers and services.
- [] Start the Actuate servers and services.
- [] Sign in to Maximo.
- [] Import MEA for Oracle Patch 2 into Maximo.
- [] Check the updated version of the MEA for Oracle.
- [] Import secondary language files into Maximo.
- [] Perform manual updates.
- [] Enable the Oracle external system in the Maximo External Systems application.

Installation Prerequisites

Before you install MEA for Oracle Applications 11i Release 6.2 Patch 2, complete the following steps:

- **NOTE** You must have Maximo Release 6.2 installed on your server before the installation of Patch 2.
 - **1** Determine the current software version.
 - **a** Sign in to Maximo.
 - **b** From the Maximo Navigation Bar, click Help.
 - **c** From the drop-down list, select **About MAXIMO**. Maximo displays the current MEA for Oracle Applications 11i software version, in the following format:

Oracle Applications 11i-6.2.00.031-31.0

The number that appears after "Oracle Applications 11i-6.2" (in this example, 00) indicates what patch is installed.

- ▼ If the most recently installed patch is 02, the software is current. *Do not* install MEA for Oracle Applications 11i Release 6.2 Patch 2.
- ▼ If the software is not current, note the most recently installed patch. You need this information for "Manual Updates", on page 11.
- **2** Process any transactions in the inbound and outbound queues. For more information, see "Processing of Transactions in Queues", on page 7.
- **3** Process any transactions in the Maximo and Oracle Applications interface tables. For more information, see "Processing of Transactions in Interface Tables", on page 9.
- **4** Disable the Oracle external system in Maximo.
 - **a** In the External Systems application, select the external system (Oracle Applications 11i) that you want to disable.
 - **b** On the System tab, clear the **Enabled** check box.
- **5** Stop the Maximo application servers and services.
- **6** Stop the Actuate servers and services.
- **7** Back up the entire *<maximo>* folder, where *<maximo>* is the root folder where you installed Maximo.
- **8** Back up the Maximo database.

Installation of MEA for Oracle Release 6.2 Patch 2

This section describes the steps you must perform to install the MEA for Oracle Applications 11i Release 6.2 Patch 2 in a Windows[®] environment.

Before you perform this procedure, complete "Installation Prerequisites", on page 3.

To install MEA for Oracle Applications 11i Release 6.2 Patch 2, complete the following steps:

1 Navigate to the following folder:

<maximo>\PowerUpdateClient\MEAOraAdapterPowerUpd

- **2** Run update.exe to retrieve updates for the MEA for Oracle Applications 11i from the Support Online. The Welcome to PowerUpdate window opens.
- **3** Click **Next**. While the program checks for updates, the Checking for Update window opens.
- **4** If Release 6.2 Patch 2 is installed already, the application opens the following message: *Your Software is Already Up to Date*. If you see this message, click **Exit**, and go to step 13 on page 4.
- **5** If an update is available, the Update Available window opens. Click **Next**. After the program retrieves the update, the Updater Retrieved window opens.
- **6** Click **Next**. The Introduction window for the patch installation opens.
- 7 Click Next. The Choose Install Folder window opens.
- **8** If the default folder is not the Maximo root folder, click **Choose** to browse for the Maximo root folder.
- **9** Click **Next**. The Choose Maximo Base Language window opens.
- **10** Select the base language, and click **Next**. The Pre-Installation Summary window opens.
- **11** Click **Install**. After the installation program finishes, the Install Complete window opens. If this window displays a message that errors have occurred, check the Maximo installation log after you close the window.
- 12 Click Done.
- **13** Rebuild and deploy the maximo.ear file. For information about how to build and deploy EAR files, refer to the *IBM Maximo System Administrator's Guide*.

14 Start the Maximo application servers and services.

15 Start the Actuate servers and services.

Sign in to Maximo to check that the Maximo application server started successfully.

Import of Release 6.2 Patch 2 into Maximo

Before you perform this procedure, complete "Installation of MEA for Oracle Release 6.2 Patch 2", on page 4.

To import MEA for Oracle Applications 11i Release 6.2 Patch 2 into Maximo, complete the following steps:

- **1** In the External Systems application, select any external system.
- **2** From the Select Action menu, select **Install Product/Updates**. The Install Product/Updates dialog box opens.
- **3** In the **Adapter** field, enter OA11I. The Install Product/Updates dialog box opens the products, patches, and add-ons available for the MEA for Oracle Applications 11i. You see a combination of the following items:
 - ▼ Install Oracle Adapter for OA11I
 - ▼ Install Projects for OA11I
 - ▼ Install patch for OA11I
 - ▼ Install *<language*> as secondary language
 - ▼ Install patch for *<language*> secondary language

Install Product/Updates Dialog Box

		Adapter	0	A11I 🔎		
G	stall details fo	r 0A11I 🕞	Filt	er>dP31 : ⊒ + -> + 1-5 of 22->	E) Download	? 🗄
_	Install Type	Version		Description	is install	ed? instali
۲	INSTALLATION		0	Install Oracle Adapter for OA111		
Þ	ADD-ON		0	Install patch for OA11I		
Þ	ADD-ON		0	Install Chinese as secondary language		
Þ	ADD-ON		0	Install Dutch as secondary language		
Þ	ADD-ON		0	Install French as secondary language		

- **4** Select the **Install**? check box that corresponds to "Install patch for OA11I," and click **Install**. Maximo displays the following message: *Please wait*. When the message disappears, the application has imported the patch. This step can take five minutes or more to complete.
- **5** Repeat step 1 on page 3 to verify that the software is at the Patch 2 revision level.

- **6** If you use secondary languages, import the language files into Maximo. For more information, see "Importing Secondary Language Files into Maximo", on page 6.
- **7** Perform manual updates. For more information, see "Manual Updates", on page 11.
- **8** Enable the external system in Maximo.
 - **a** In the External Systems application, select the external system that you want to enable.
 - **b** On the System tab, select the **Enabled** check box.

You have installed MEA for Oracle Applications 11i Release 6.2 Patch 2.

Importing Secondary Language Files into Maximo

Skip this section if you do not use secondary languages.

This procedure imports into Maximo secondary language files and patches to those files. Importing these files updates error messages, column titles, and column remarks with additional languages.

NOTE Before you can import a secondary language file into Maximo, enable that language in Maximo. For more information, refer to the *IBM Maximo System Administrator's Guide*.

You can import as many secondary languages as you have enabled in Maximo. For each language, import the secondary language, and then import the corresponding patch.

To import the secondary language files into Maximo, complete the following steps for each language that you want to import:

- **1** In the External Systems application, select any external system.
- **2** From the Select Action menu, select **Install Product/Updates**. The Install Product/Updates dialog box opens.
- **3** In the **Adapter** field, select OA11I. The dialog box displays the products, patches, and add-ons available for the MEA for Oracle.
- Select the Install? check box that corresponds to "Install *<language>* as secondary language," and then click Install. A message opens: "Please wait . .
 ". When the message disappears, you have imported the secondary language.
- 5 Select the Install? check box that corresponds to "Install patch for *<language>* secondary language," and then click Install. A message opens:"Please wait . . . ". When the message disappears, you have imported the patch for the secondary language file.

Processing of Transactions in Queues

Process all transactions in the inbound and outbound queues before you install this patch.

NOTE After you install Patch 2, you might be unable to process outstanding transactions.

Transactions in BEA WebLogic[®] Server Queues

To process transactions in the inbound and outbound queues on a BEA WebLogic Server check that no messages remain in the following queue servers:

- mxintcqinserver
- mxintsqinserver
- mxintsqoutserver

To check for pending messages, complete the following steps:

- **1** Start the BEA WebLogic Server.
- **2** Open a browser and enter the URL for the BEA WebLogic Server Administration Console.

Example

http://localhost:7001/console

The BEA WebLogic Server Administration Console page opens.

- **3** Enter your name and password, and then click **Sign In**. The BEA WebLogic Server Home page opens.
- 4 Navigate to mydomain > Services > JMS > Servers > mxintcqinserver. The mxintcqinserver page opens.
- **5** On the Monitoring tab, click the Monitor Active JMS Servers link. The Active JMS Servers page opens. The Messages column for the mxintcqinserver queue server displays the number of unprocessed messages in that queue.
- **6** Wait until the queue is empty. If messages remain in the queue, check the error folder that you configured during the Integration Administration Setup process. If error messages exist, correct the corresponding transactions and put them in the retry folder.

For information about how to correct errors, refer to the *IBM Maximo Enterprise Adapter System Administrator's Guide*.

- **7** Repeat the preceding steps for the mxintsqinserver and mxintsquutserver queue servers.
- 8 Return to step 3 on page 3.

Transactions in IBM WebSphere® Server Queues

To process transactions in the inbound and outbound queues on an IBM WebSphere server, check that no messages remain in the following queue destinations:

- ▼ cqinbd
- ▼ sqinbd
- ▼ sqoutbd

To check for pending messages, complete the following steps:

- **1** Start the WebSphere server.
- **2** Open a browser and enter the URL for the WebSphere console.

Example

http://localhost:9060/ibm/console

The WebSphere console page opens.

- **3** Enter your user ID, and then click **Log In**.
- **4** Navigate to Service integration > Buses > meajmsbus > Destinations.
- **5** Click queue destination cqinbd.
- **6** On the Configuration tab, select Queue Points under Message Points.
- **7** Select the identifier for the queue. The **Current Message Depth** field on the Runtime tab displays the number of messages in the queue. If the number is zero, go to step 10.
- **8** Click the Messages link under Additional Properties to see the messages with their Transaction IDs.
- **9** Click **Refresh** until the queue is empty. If messages remain in the queue, check the error folder that you configured during the Integration Administration Setup process. If error messages exist, correct the corresponding transactions and put them in the retry folder.

For information about how to correct errors, refer to the *IBM Maximo Enterprise Adapter System Administrator's Guide.*

- **10** Repeat the preceding steps for the sqinbd and sqoutbd queues.
- **11** Return to step 3 on page 3.

Processing of Transactions in Interface Tables

Process all transactions in the interface tables before you install this patch.

NOTE After you install Patch 2, you might be unable to process outstanding transactions.

Transactions in Maximo Interface Tables

To process transactions in the Maximo interface tables, complete the following steps:

- **1** Connect to the MAXORA schema in the Oracle Applications database.
- **2** To check for unprocessed transactions in the inbound queue table, complete the following steps:
 - **a** Enter the following SQL statement:

select * from MXIN_INTER_TRANS;

- **b** If the SQL statement does not return any records, no unprocessed transactions exist. If the SQL statement returns any records, wait for the Maximo server to process the transactions.
- **3** To check for unprocessed transactions in the outbound queue table, complete the following steps:
 - **a** Enter the following SQL statement:

select distinct iface_name from MXOUT_INTER_TRANS;

b If the SQL statement returns records, use the following table to determine the interface table that corresponds to each interface (iface_name) returned by the SQL statement.

Interface	Interface Table
MX6_GLTXN	MXGLTXN_IFACE
MX6_INVENTORY	MXINVENTORY_IFACE
MX6_INVOICE	MXINVOICE_IFACE
MX6_INVRES	MXINVRES_IFACE
MX6_ITEM	MXITEM_IFACE
MX6_PC	MXPC_IFACE
MX6_PO	MXPO_IFACE
MX6_PR	MXPR_IFACE
MX6_RECEIPT	MXRECEIPT_IFACE

c For each interface table that corresponds to an interface name returned by the SQL statement in step 3a, enter the following SQL statement:

select * from interfacetablename where oa_ifacestatus <> 'DONE';

This statement returns any unprocessed transactions.

- **d** Correct the unprocessed transactions.
- **4** Back up the interface tables to retain them for historical purposes. Depending on the current patch level, the patch process might drop interface tables.

Transactions in Oracle Applications Open Interface Tables

To process transactions in the Oracle Applications open interface tables, complete the following steps:

- 1 In Oracle Applications, run the concurrent reports for each integration point that you use. For information about how to run the concurrent reports, refer to the *IBM Maximo Enterprise Adapter for Oracle Applications 11i System Administrator's Guide*.
- **2** Check the exception reports and correct any errors.
- **3** Rerun the concurrent reports until no errors exist.
- **4** Return to step 4 on page 3.

Manual Updates

	This section contains manual updates that you must perform after you install MEA for Oracle Applications 11i Release 6.2 Patch 2.							
	Obtain the most recent version of the patch release notes for the Maximo Enterprise Adapter for Oracle Applications 11i, Patch 2, from the IBM Softwar Support Web site (ibm.com/products/finder/us/finders?pg=ddfinder).							
	The following manual updates apply to Patch 2.							
Re-create MXPO_IFACE	When you apply Patch 2, manually re-create the MXPO_IFACE interface table.							
Interface Table	To re-create the interface tables, complete the following steps:							
	1	Stop th	ne Maximo application servers and services.					
	2	Stop tł	ne Actuate servers and services.					
	3	Run C	onfigdb.bat from < <i>maximo</i> >/tools/maximo.					
	4	Start tl	ne Maximo application servers and services.					
	5	Start tl	ne Actuate servers and services.					
	6	Go to t	the External Systems application in Maximo.					
	7	Click t	he System tab.					
	8	From t	he Select Action menu, select Create Interface Tables.					
	9	In the	End Point field, enter the Oracle system end point or click Select Value.					
	10	Select interfa	the check box to the left of the MXPO_IFACE listing to re-create this ce table.					
	11 Click Create .							
	Nc	DTE	This step might take 10 minutes or more to complete.					

Manual Updates

Install Stored Procedures

To install the updated Oracle objects, complete the following steps:

- 1 In SQL*PLUS[®], connect to the Oracle Applications database as user MAXORA.
- **2** To list and set the install parameters defined in setofvar.sql, enter the following command:

SQL> start <Maximo_root>\ORACLEAPIS\install\setofvar

The defined install parameters display.

3 Enter the following command:

SQL> start &InstallDir.install

4 Press **Enter**. Depending on the environment, this step might take two to 10 minutes to complete.

The generated file is in the following location:

<maximo>\ORACLEAPIS\log\install.out

5 Check the install.out file for errors.

The following table describes the errors that you might find listed in that file.

NOTE Before you continue with the installation, fix the errors that you find and rerun install.sql without errors.

Error Type	Error Text and Action
File not found	Search for text similar to "unable to open file \ <maximo>\ORACLEAPIS\".</maximo>
	If you find this text, verify that the setofvar.sql file has the correct folder settings.
Statement not accepted	Search for "unknown command" text.
by the system	If you find this text, verify that the version of SQL*PLUS for Windows is the same or later than 3.1.3.5.4.
Oracle error	Search for "ORA –" text.
	If you find this text, contact your Oracle database administrator.
Compile error	Search for "PLS –" text.
	If you find this text, search for "with compilation error." If you find the latter text, contact IBM Support.

Modify PO User Exit

This patch contains a fix for issue 07-10068. If you use a Java PO user exit, update the user to skip the normal user exit processing when OA_CLOSELINES=1.

The bold text in the following sample Java PO user exit highlights the areas that you must update.

```
List allLines = data.getChildrenData("POLINE");
if (allLines != null && allLines.size()>0)
{
    for (int i = 0;i < allLines.size(); i++)
    {
        data.setAsCurrent(allLines, i);
        // Do not process lines where OA_CLOSELINES is true
        if (!data.getCurrentDataAsBoolean("OA_CLOSELINES"))
        {
           . . . Your standard processing here . . .
        }
        }
        data.setParentAsCurrent();
    }
...
```

Patch 2 Fixed Issues

MEA for Oracle Applications 11i Release 6.2 Patch 2 fixes the following issues.

Release 6.2 Patch 2

lssue(s)	07-13850
Description	PO header line errors occur when users update and send POs from Maximo to Oracle Financials using the CAI PO Interface.
Replaced File(s)	ORACLEAPIS\interfac\opox.sp
lssue(s)	07-16073
Description	Maximo sends incorrect ship to and storeroom PO receipt information to Oracle Financials when users receive one of two line items on a PO.
Replaced File(s)	ORACLEAPIS\interfac\orcvx10.sp
lssue(s)	07-17940
Description	PLS-00302: component 'RATE_SCHEDULE_ID' must be declared error occurs when Maximo users run the install.sql.
Replaced File(s)	ORACLEAPIS\paapis\oflcpa.sp

Release 6.2 Patch 1

lssue(s)	07-10068
Description	When users delete PO Lines from the Maximo database, the data import process cancels PO Lines in the Oracle Applications.
Replaced File(s)	psdi\iface\oa11i\POOutExt.class psdi\iface\oa11i\patch\intobj.xml psdi\iface\oa11i\patch\de\objectcfg.xml psdi\iface\oa11i\patch\es\objectcfg.xml psdi\iface\oa11i\patch\es\objectcfg.xml psdi\iface\oa11i\patch\it\objectcfg.xml psdi\iface\oa11i\patch\it\objectcfg.xml psdi\iface\oa11i\patch\ko\objectcfg.xml psdi\iface\oa11i\patch\ko\objectcfg.xml psdi\iface\oa11i\patch\nl\objectcfg.xml psdi\iface\oa11i\patch\nl\objectcfg.xml psdi\iface\oa11i\patch\nl\objectcfg.xml psdi\iface\oa11i\patch\sv\objectcfg.xml psdi\iface\oa11i\patch\sv\objectcfg.xml psdi\iface\oa11i\patch\sv\objectcfg.xml psdi\iface\oa11i\patch\sv\objectcfg.xml psdi\iface\oa11i\patch\sv\objectcfg.xml psdi\iface\oa11i\patch\sv\objectcfg.xml psdi\iface\oa11i\patch\sv\objectcfg.xml psdi\iface\oa11i\patch\sv\objectcfg.xml psdi\iface\oa11i\patch\sv\objectcfg.xml psdi\iface\oa11i\patch\sv\objectcfg.xml psdi\iface\oa11i\patch\sv\objectcfg.xml

lssue(s)	07-10801		
Description	Unhandled exception occurs when Maximo sends CAI PO lines to the Oracle Applications.		
Replaced File(s)	ORACLEAPIS\interfac\povali2b.pkg		
lssue(s)	07-10855		
Description	Maximo updates CAI PO records incorrectly in the Oracle Applications when users approve PO records with null quantity service lines.		
Replaced File(s)	ORACLEAPIS\interfac\polodm3b.pkg ORACLEAPIS\interfac\polodm3s.psp		
lssue(s)	07-11496		
Description	PLS-00306: wrong number or types of arguments in call to 'MXE_USR_RCV_SP' error occurs when Maximo users run the install.sql.		
Replaced File(s)	ORACLEAPIS\interfac\orcvx9.sp		
lssue(s)	07-14322		
Description	Oracle Multiple Operating Units functionality has changed for MIG Release 4.1.1 upgrade customers only. Multiple Operating Units can now be added within a single site.		
	Note	If you have configured your Maximo Integration Gateway Release 4.1.1 system to use Multiple Operating Units, do not upgrade your MEA for Oracle to Release 6.2, until MEA for Oracle Release 6.2.1, or later, is available.	
		Operating Units" on page 2-3, in the IBM Maximo Enterprise Adapter for Oracle Applications 11i Release 4.1.1 to Release 6.2 Upgrade Guide.	
Replaced File(s)	psdi\iface psdi\iface psdi\iface psdi\iface psdi\iface psdi\iface psdi\iface psdi\iface psdi\iface	\oa11i\ERPExt.class \oa11i\InvoiceInExt.class \oa11i\InvoiceOutExt.class \oa11i\PCInExt.class \oa11i\PCOutExt.class \oa11i\POInExt.class \oa11i\POOutExt.class \oa11i\POOutExt.class \oa11i\PROutExt.class \oa11i\ReceiptOutExt.class	
lssue(s)	07-14741		
Description	Maximo d amount is	oes not send invoice costs to Oracle Applications when the loaded cost zero.	
Replaced File(s)	psdi∖iface	\oa11i\GLTxnOutExt.class	

Patch 2 Fixed Issues

lssue(s)	07-15068
Description	PO Line updates were sent from Maximo to Oracle Applications CAI table after Maximo users cancel the PO.
Replaced File(s)	ORACLEAPIS\interfac\opoxx.sp
lssue(s)	06-20464
Description	Oracle integration now allows the item rotating flag to be set to True or False only when users insert new item records. Users cannot update the rotating flag on existing items.
Replaced File(s)	psdi\iface\oa11i\ItemInExt.class

Notices

This information was developed for products and services offered in the U.S.A.

IBM may not offer the products, services, or features discussed in this document in other countries. Consult your local IBM representative for information on the products and services currently available in your area. Any reference to an IBM product, program, or service is not intended to state or imply that only that IBM product, program, or service may be used. Any functionally equivalent product, program, or service that does not infringe any IBM intellectual property right may be used instead. However, it is the user's responsibility to evaluate and verify the operation of any non-IBM product, program, or service.

IBM may have patents or pending patent applications covering subject matter described in this document. The furnishing of this document does not grant you any license to these patents. You can send license inquiries, in writing, to:

IBM Director of Licensing IBM Corporation North Castle Drive Armonk, NY 10504-1785 U.S.A.

For license inquiries regarding double-byte (DBCS) information, contact the IBM Intellectual Property Department in your country or send inquiries, in writing, to:

IBM World Trade Asia Corporation Licensing 2-31 Roppongi 3-chome, Minato-ku Tokyo 106-0032, Japan

The following paragraph does not apply to the United Kingdom or any other country where such provisions are inconsistent with local law:

INTERNATIONAL BUSINESS MACHINES CORPORATION PROVIDES THIS PUBLICATION "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some states do not allow disclaimer of express or implied warranties in certain transactions, therefore, this statement may not apply to you.

This information could include technical inaccuracies or typographical errors. Changes are periodically made to the information herein; these changes will be incorporated in new editions of the publication. IBM may make improvements and/or changes in the product(s) and/or the program(s) described in this publication at any time without notice.

Any references in this information to non-IBM Web sites are provided for convenience only and do not in any manner serve as an endorsement of those Web sites. The materials at those Web sites are not part of the materials for this IBM product and use of those Web sites is at your own risk.

IBM may use or distribute any of the information you supply in any way it believes appropriate without incurring any obligation to you.

Licensees of this program who wish to have information about it for the purpose of enabling: (i) the exchange of information between independently created programs and other programs (including this one) and (ii) the mutual use of the information which has been exchanged, should contact:

IBM Corporation 2Z4A/101 11400 Burnet Road Austin, TX 78758 U.S.A.

Such information may be available, subject to appropriate terms and conditions, including in some cases, payment of a fee.

The licensed program described in this document and all licensed material available for it are provided by IBM under terms of the IBM Customer Agreement, IBM International Program License Agreement or any equivalent agreement between us.

Information concerning non-IBM products was obtained from the suppliers of those products, their published announcements or other publicly available sources. IBM has not tested those products and cannot confirm the accuracy of performance, compatibility or any other claims related to non-IBM products. Questions on the capabilities of non-IBM products should be addressed to the suppliers of those products.

All statements regarding IBM's future direction or intent are subject to change or withdrawal without notice, and represent goals and objectives only.

This information contains examples of data and reports used in daily business operations. To illustrate them as completely as possible, the examples include the names of individuals, companies, brands, and products. All of these names are fictitious and any similarity to the names and addresses used by an actual business enterprise is entirely coincidental.

If you are viewing this information softcopy, the photographs and color illustrations may not appear.

Trademarks

The following terms are trademarks of International Business Machines Corporation in the United States, other countries, or both:

IBM AIX DB2 Everyplace ibm.com Lotus Maximo Notes QuickPlace Tivoli WebSphere

Adobe, the Adobe logo, PostScript, and the PostScript logo are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States, and/or other countries.

Java and all Java-based trademarks and logos are trademarks of Sun Microsystems, Inc. in the United States, other countries, or both.

Linux is a registered trademark of Linus Torvalds in the United States, other countries, or both.

Intel, Intel logo, Intel Inside, Intel Inside logo, Intel Centrino, Intel Centrino logo, Celeron, Intel Xeon, Intel SpeedStep, Itanium, and Pentium are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries.

Microsoft, Windows, Windows NT, and the Windows logo are trademarks of Microsoft Corporation in the United States, other countries, or both.

UNIX is a registered trademark of The Open Group in the United States and other countries.