

*MAXIMO Enterprise Adapter  
for Oracle Applications 11i  
Release Notes*

**maximo<sup>®</sup>**

*Release 5.x  
Revision 21  
July 2007*

**mro software<sup>™</sup>**

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# ***MAXIMO Enterprise Adapter for Oracle Applications 11i 5.x, Revision 21 Release Notes***

This document describes the contents of the MAXIMO® Enterprise Adapter (MEA) for Oracle® Applications Release 5.x, Revision 21, where 5.x represents releases 5.1 and 5.2. It details the steps for installing the MAXIMO Enterprise Adapter for Oracle Applications 11i Release 5.x, Revision 21, and it lists corrected issues for this update. Revision 21 includes all previous revisions.

Install the revision only if the MAXIMO Enterprise Adapter for Oracle Applications 11i Release 5.x has been installed previously. Installing the MAXIMO Enterprise Adapter for Oracle Applications 11i Release 5.x revision requires system administrator rights and authorities, and should be performed by a system administrator.

The steps for installing this revision are in the *Revision Installation Procedures* section. Read this document completely before installing the update.

Have the following documents available for reference:

- ▼ *MAXIMO Enterprise Adapter for Oracle Applications 11i Installation Guide*
- ▼ *MAXIMO Enterprise Adapter for Oracle Applications 11i System Administrator's Guide*

**CAUTION** Install the update in a test environment before installing it in a production environment.

# ***Revision Installation Procedures***

This section describes the steps you must follow to install the MAXIMO Enterprise Adapter for Oracle Applications 11i Release 5.x, Revision 21.

## ***Step 1: Process all transactions and back up interface tables***

Process all outstanding transactions before installing this product revision.

For instructions on processing transactions in queues, see “Processing Transactions in Queues” on page 4.

For instructions on processing transactions in MAXIMO and Oracle Applications interface tables, see “Processing Transactions in Interface Tables” on page 5.

## ***Step 2: Determine your current revision level***

Determine the current revision level of your MAXIMO Enterprise Adapter for Oracle Applications 11i, to know if you need to apply this revision and to perform any related manual updates.

For details, see “Determining Your Revision Level” on page 7.

## ***Step 3: Shut down the MAXIMO application server***

## ***Step 4: Back up your existing program files***

Before installing the revision files into the Application Server directory (default path c:\maximo), make a backup copy of the existing MAXIMO directory structure and files.

## ***Step 5: Shut down the webMethods Integration Server***

## ***Step 6: Back up your MAXIMO database***

## ***Step 7: Download the most recent MAXIMO patch***

Download the most recent MAXIMO patch from the IBM Software Support Web site ([ibm.com/products/finder/us/finder?pg=ddfnder](http://ibm.com/products/finder/us/finder?pg=ddfnder)). Follow the instructions in the corresponding patch release notes.

***Step 8: Extract the MX5xORA11iREV21.zip files***

Copy the MX5xORA11iREV21.zip file, which contains the most recent MAXIMO Enterprise Adapter for Oracle Applications 11i program fix, to the application server directory (default path c:\maximo).

Extract the files in the MX5xORA11iREV21.zip file to the application server directory and subdirectories.

***Step 9: Perform manual updates***

For instructions on updates that you must apply manually, see “Manual Updates” on page 9.

***Step 10: Restart the webMethods Integration Server***

***Step 11: Restart the MAXIMO application server***

# *Processing Transactions in Queues*

**CAUTION** Once you apply the product revision, you may be unable to process any outstanding transactions.

You must process all transactions in the outbound and inbound queues before installing this product revision.

To determine if any transactions are outstanding, complete the following steps:

1. Connect to the MAXIMO schema owner.
2. Enter the following SQL statements:

```
select count(*) from mout_interdata;  
select count(*) from max_interdata;  
select count(*) from max_interdata_bat;
```

Each statement should return a count of zero; that is, no transactions should exist in the tables. If any count is not zero, the corresponding queue contains unprocessed transactions.

3. Correct the errors and allow all the records to process.

For information about error processing, refer to the following documentation:

- ▼ “Error Processing” in the *MAXIMO Enterprise Adapter for Oracle Applications 11i System Administrator’s Guide*
- ▼ Chapter 11, “Error Processing,” in the *MAXIMO Enterprise Adapter System Administrator’s Guide*

## *Processing Transactions in Interface Tables*

### **MAXIMO Interface Tables**

To determine if unprocessed transactions exist in the MAXIMO interface tables, you must run a query against each table.

To list the interface tables that you must query, complete the following steps:

1. Connect to the MAXIMO schema owner.
2. Enter the following SQL statement:

```
select tname from maxtables
where app = 'INTERFACE' and
TBNAME like '%INTERFACE'
order by tname;
```

To check each table for unprocessed transactions, complete the following steps:

1. Connect to the MAXORA schema in the Oracle Applications database.
2. Enter the following SQL statement for each interface table:

```
select * from interfacetablename
where importstatus <> 'DONE';
```

If any count is not zero, the corresponding interface table contains unprocessed transactions.

3. Correct any unprocessed transactions.
4. If you need to retain the interface tables for historical purposes, back them up.

Depending on your current revision level, the interface tables might be dropped during the patch process.

5. Check any custom interface tables on your system for unprocessed transactions.

### **Oracle Applications Open Interface Tables**

To determine if unprocessed transactions exist in the Oracle Applications open interface tables, run the concurrent reports in Oracle Applications for all integration points that you use. Check the exception reports for any errors; if errors exist, correct the transactions and rerun the concurrent reports until there are no errors.



## Determining Your Revision Level

You have to determine the current revision level of your MAXIMO Enterprise Adapter for Oracle Applications 11i, to know if you need to apply this revision and perform any related manual updates.

To determine your revision level, complete the following steps:

1. Open a command window or a Shell and change the directory to the MAXIMO root directory (default c:\maximo).
2. Enter one of the following commands, depending on your operating system:

---

|         |                                 |
|---------|---------------------------------|
| Windows | version.bat                     |
| UNIX    | ./unix_shell_scripts/version.sh |

---

The following message appears:

```
MAXIMO Enterprise Adapter for Oracle Applications 11i Release 5.x  
Build nnn
```

where *5.x* is release 5.1 or 5.2 and *nnn* is a build number.  
Build numbers lower than 058 apply to release 5.1 only.

**NOTE** If you are a MAXIMO 5.2 user and you have not yet installed any revisions, the following message appears instead:

```
MAXIMO Enterprise Adapter for Oracle Applications 11i Release 5.2  
ORAFIN014
```

If this is the case, your software is at revision level 13. *ORAFIN014* is an internal development number and does not represent a build number. If this message appears, skip step 3, go to “Manual Updates” on page 9, and apply all manual updates for revisions 15 and higher. (There are no manual updates for revision 14.)

## Determining Your Revision Level

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- Find the build number in the following table, and note the corresponding revision level number. If the corresponding revision level is 21, you are at the current release and you do not have to apply this update.

| Build number from<br>version command | Revision level |
|--------------------------------------|----------------|
| 105                                  | 21             |
| 100                                  | 20             |
| 099                                  | 19             |
| 088                                  | 18             |
| 078                                  | 17             |
| 074                                  | 16             |
| 061                                  | 15             |
| 058                                  | 14             |
| 052                                  | 13             |
| 046                                  | 12             |
| 041                                  | 11             |
| 036                                  | 10             |
| 031                                  | 9              |
| 029                                  | 8              |
| 028                                  | 7              |
| 024                                  | 6              |
| 018                                  | 5              |
| 017                                  | 4              |
| 013                                  | 3              |
| 011                                  | 2              |
| 004                                  | 1              |

## Manual Updates

You must apply the following updates manually.

If you are a MAXIMO 5.2 user and you have not yet installed any revisions, apply the manual updates for revisions 15 and higher.

Otherwise, note again the revision level number that corresponds to your current build number, and apply any manual updates for revisions higher than that level. For example, if you are at build 058 (revision level 14), apply manual updates for revisions 15 and higher.

**CAUTION** You must apply the manual updates sequentially.

Have the following documents available for reference:

- ▼ *MAXIMO Enterprise Adapter for Oracle Applications 11i Installation Guide*
- ▼ *MAXIMO Enterprise Adapter System Administrator's Guide*
- ▼ *MAXIMO System Administrator's Guide*

### Revision 11

Run the EXTInstallORAFIN file. To do so, complete the following steps:

1. To install configuration changes, run EXTInstallORAFIN.bat/sh, with the Upgrade parameter set to Y, from the MAXIMO root directory. (Refer to “Installing the MEA for an Existing Installation” in the *MAXIMO Enterprise Adapter for Oracle Applications 11i Installation Guide*.)
2. To complete the database modifications, run Database Configuration from the Control Center. (Refer to the *MAXIMO System Administrator's Guide*.)
3. To create a SQL script of commands to recreate the remote interface tables, run CreateTable.bat/sh. (For this step and step 4, refer to “Creating the MAXIMO Interface Tables” in the *MAXIMO Enterprise Adapter for Oracle Applications 11i Installation Guide*.)

4. To apply remote interface table changes, run CreateTable.sql in SQL\*Plus against the Oracle Applications database.
5. Copy the following files from the user\_files directory to the corresponding production directories, and apply any customizations you have made.
  - ▼ ORACLEAPIS\apisuser\opox0.usp
  - ▼ psdi\iface\oraapp\userexit\MaxLcUser.java
  - ▼ psdi\iface\oraapp\userexit\MaxLcJava.class

### Revision 12

Copy the meora.cfg file, which indicates that you are using the MEA for Oracle Applications 11i installation package. To do so, complete the following steps:

1. Select and copy the meora.cfg file from the wm\mxintegration\config directory. (Refer to “Copying the meora.cfg File” in the *MAXIMO Enterprise Adapter for Oracle Applications 11i Installation Guide*.)
2. Paste the meora.cfg file in the following location:

webmethods\B2BServer4\packages\mxIntegration\config

- Revision 13**
1. Update the following attributes in the Oracle Applications database for all records that will be used in blanket release, receipt, or invoice integration transactions. Changes were made to these attribute fields for processing blanket purchase orders (POs).

---

| <b>Attribute Field in Oracle Applications</b> | <b>Old Value</b>         | <b>New Value</b>            |
|---|--------------------------|-----------------------------|
| PO_RELEASES attribute1                        | MAXIMO Blanket PO number | MAXIMO Release PO number    |
| PO_RELEASES attribute2                        | PO Line number           | MAXIMO Blanket PO number    |
| PO_RELEASES attribute15                       | MAXIMO: + PO Line ID     | MAXIMO: + Release PO number |
| PO_LINE_LOCATIONS attribute1                  | MAXIMO Blanket PO number | MAXIMO Release PO number    |
| PO_DISTRIBUTIONS attribute1                   | MAXIMO Blanket PO number | MAXIMO Release PO number    |

---

2. Copy the following files from the user\_files directory to the corresponding production directory, and apply any customizations you have made.

- ▼ psdi\iface\install\InstallOrafinControls.java
- ▼ psdi\iface\install\InstallOrafinControls.class

- Revision 15**
- If you have multiple sets of books that use the same chart of accounts, complete the following steps. Otherwise, skip this section and continue with the manual updates for revision 16.
1. In the Assignment Manager, set up the MAXIMO organization that corresponds to each set of books. (Refer to “Configuring the Assignment Manager” in the *MAXIMO Enterprise Adapter System Administrator’s Guide*.)
  2. Change the value of the COA integration control to C. (Refer to chapter 7, “Integration Controls,” in the *MAXIMO Enterprise Adapter System Administrator’s Guide*.)

### Revision 16

Change the size of the USERDATA1 field in the MAX\_COM\_INTERFACE table. To do so, complete the following steps:

1. In the MAXIMO Database Configuration application, change the length of the USERDATA1 column in the MAX\_COM\_INTERFACE table to 240. (For this step and step 2, refer to “Database Configuration” in the *MAXIMO System Administrator’s Guide*.)
2. To implement the change to the column, perform the Database Configuration procedure.
3. Create the MAX\_COM\_INTERFACE interface table. (Refer to “Creating the MAXIMO Interface Tables” in the *MAXIMO Enterprise Adapter for Oracle Applications 11i Installation Guide*.)

**NOTE** Use MAX\_COM\_INTERFACE as the value of the table parameter in the CreateTable script.

### Revision 17

This revision includes a fix for Oracle Projects (see issue 61637). MAXIMO 5.2 Program Patch 02A as a minimum requirement for all Oracle Projects environments. This patch is available on the the IBM Software Support Web site.

After applying revision 17, complete the following step:

Copy the following file from the user\_files directory to the corresponding production directory, and apply any customizations you have made.

▼ resources\defaults\ifaceoraapp.txt

### Revision 19

This revision includes a fix (issue 84011) for Oracle Projects, which requires a SQL update.

1. If this is a translated database, determine the translated values for *CLOSED* and *Y* (yes). If necessary, use the following SQL statement to retrieve the translated value for *Y*:

```
select varvalue from maxvars where varname='YES'
```

2. Connect to the MAXIMO database and run the following SQL statements. In the value column, change value *CLOSED* to the translated value for *closed* and change default *Y* to the translated value for *Y*.

```
insert into valuelist (listname, value, maxvalue,
valdesc, defaults, type)

values ('FCSTATUS', 'CLOSED', 'CLOSED', 'Closed
(CLOSED)', 'Y', 4);

commit;
```

**Revision 21**

This revision contains fixes for issues 07-10068 (PO User Exit), and 06-18067 (INVRESERVE.REQUIREDDATE).

After applying revision 21, complete the following steps:

**Update PO User Exit**

If you use a Java PO user exit, update the user exit to skip the normal 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++)
    {
        . . . Your standard processing here . . .
    }
}
...
```

### Update REQUIREDDATE Field

Run the SyncReserveDate.bat utility to retrieve the required date value from the Oracle Applications, and to update the null INVRESERVE.REQUIREDDATE value in MAXIMO.

To run the utility, complete the following steps:

1. Open a command prompt and change your current directory to the MAXIMO root folder. Enter the command:

```
SyncReserveDate.bat
```

**NOTE** Check that your entered parameters are acceptable to the SyncReserveDate.bat utility.

### *SyncReserveDate.bat Parameters*

| Parameter(s)     | Details   |
|------------------|---|
| -a(db alias)     | Oracle Applications Database alias. Required.   |
| -d(logfile dir)  | The system writes output logfile to the specified directory. If you have not specified a directory, the system writes the output logfile to the log directory.      |
| -f(filename)     | Filename for properties file. If have not specified a filename, the system uses the MXServer.properties. See the -k parameter for a propfile directory.             |
| -j(jdbc driver)  | Oracle Applications JDBC driver. If you have not specified a driver, the system uses the "oracle.jdbc.driver.OracleDriver".   |
| -k(propfile dir) | Directory for properties file. See the -f parameter for a propfile filename.  |
| -o(filename)     | Filename for the logfile. If you have not specified a file name, logfile is "SyncReserveDate" + timestamp + ".log". See the -d parameter for the logfile directory. |
| -p(password)     | Oracle Applications Password for database connection. If you have not specified a password, the system uses "APPS".   |
| -u(username)     | Oracle Applications Username for database connection. If you have not specified a username, the system uses "APPS".   |

### Example

```
SyncReserveDate.bat -a  
jdbc:oracle:thin:@<HOST>:<PORT>:<SID>
```



2. Login to your MAXIMO Control Center and complete the following steps:
  - a. Open the Database Configuration application.
  - b. In the Applications tab, select the Inventory application in the **Applications** list box.
  - c. Select the **INVRESERVE** table in the **Table** list box.
  - d. In the Table Definitions tab, change the **REQUIREDDATE Nulls Allowed** column definition to "N".
  - e. Save and configure your changes.

**Rebuild  
Procedures and  
Triggers**

To recompile packages, procedures and triggers, complete the following steps:

1. To recompile the PL/SQL packages, procedures, and triggers, run aftconfo.sql from SQL\*Plus.

For more information, refer to "Installing Packages, Procedures, and Triggers," in the *MAXIMO Enterprise Adapter for Oracle Applications 11i Installation Guide*.

2. If you use EAR files, rebuild and deploy the maximo.ear file.

For more information, refer to the *MAXIMO System Administrator's Guide*.

## ***Additional Product Updates***

Periodically check the Tivoli Software Support Web site ([ibm.com/software/sysmgmt/products/support](http://ibm.com/software/sysmgmt/products/support)) for new product updates and patches. If any patch has a revision number higher than the most recent revision that you applied, apply the latest version.

## ***Resolved Issues***

This section lists the corrections to issues reported for the MAXIMO Enterprise Adapter for Oracle Applications 11i, Release 5.x.

### ***Revision 21***

|                         |  |
|-------------------------|--|
| <b>Issue(s)</b>         | <b>07-10068</b>  |
| <b>Description</b>      | When users delete PO Lines from the MAXIMO database, the data import process cancels PO Lines in the Oracle Applications.  |
| <b>Replaced File(s)</b> | ORACLEAPIS\interfac\opox0.sp<br>ORACLEAPIS\oraapis\polodh3b.sql<br>ORACLEAPIS\oraapis\polodh3s.sql<br>ORACLEAPIS\oraapis\polodm3b.sql<br>ORACLEAPIS\oraapis\polods3b.sql<br>ORACLEAPIS\oraapis\polods3s.sql<br>psdi\iface\oraapp\extexit\MoutPOExt.class |
| <b>Issue(s)</b>         | <b>07-10801</b>  |
| <b>Description</b>      | Unhandled exception occurred when MAXIMO sends CAI PO lines to the Oracle Applications.  |
| <b>Replaced File(s)</b> | ORACLEAPIS\oraapis\povall2b.sql  |
| <b>Issue(s)</b>         | <b>07-10855</b>  |
| <b>Description</b>      | MAXIMO did not correctly update CAI PO records in the Oracle Applications when users approved PO records with null quantity service lines.   |
| <b>Replaced File(s)</b> | ORACLEAPIS\oraapis\polodm3b.sql<br>ORACLEAPIS\oraapis\polodm3s.sql   |
| <b>Issue(s)</b>         | <b>07-13850</b>  |
| <b>Description</b>      | Error occurred when MAXIMO users added new CAI PO lines to an existing PO that was previously approved and sent from MAXIMO to Oracle.   |
| <b>Replaced File(s)</b> | ORACLEAPIS\interfac\opox0.sp   |

## Resolved Issues

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**Issue(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\opox0.sp

**Issue(s)**                    **06-18067**

**Description**                MAXIMO did not correctly update Inventory Reservations in the Oracle Applications when Required Date was null.

**Replaced File(s)**            ORACLEAPIS\interfac\orsvx.sp  
psdi\iface\oraapp\SyncReserveDate.class  
supporting\_files\SyncReserveDate.bat

### ***Revision 20***

**Issue(s)**                    **93530**

**Description**                Buffer overflow error occurred when users ran release 4.1.1 to 5.x upgrade scripts.

**Replaced File(s)**            upgrade\OA\_upgrade\_411\_51.sql  
upgrade\OA\_upgrade\_411\_52.sql

### ***Revision 19***

**Issue(s)**                    **12462**

**Description**                Inbound blanket orders failed due to missing GL debit account. Generated error message "Could not change PO *ponumber* status to APPR."

**Replaced File(s)**            psdi\iface\oraapp\extexit\MaxPOExt.class

|                         |  |
|-------------------------|--|
| <b>Issue(s)</b>         | <b>60893</b>   |
| <b>Description</b>      | Inbound item cost mappings were incorrect. Revised to retrieve correct costs from cst_item_costs table.  |
| <b>Replaced File(s)</b> | ORACLEAPIS\interfac\insstep5.sql<br>ORACLEAPIS\interfac\ofbal0.sp<br>ORACLEAPIS\interfac\ofitm.sp<br>ORACLEAPIS\oraapis\itempkg.pkg<br>ORACLEAPIS\oraapis\itempkg.psp<br>ORACLEAPIS\oraapis\mtlbalt0.sql<br>ORACLEAPIS\oraapis\mtlsyst.sql<br>psdi\iface\oraapp\extexit\MaxItmExt.class  |
| <b>Issue(s)</b>         | <b>62494, 69777, 84011</b>   |
| <b>Description</b>      | Valid Oracle Project Accounting subtasks failed because integration did not first process higher-level tasks. Generated error message "This is not a valid financial task."<br><br>In single operating unit environment, fcextrac.sql did not populate financial control organization ID.<br><br>Project statuses in Oracle Project Accounting were not mapped to MAXIMO financial control statuses. |
| <b>Replaced File(s)</b> | ORACLEAPIS\paapis\fcextrac.sql<br>psdi\iface\oraapp\extexit\MaxFCExt.class   |
| <b>Issue(s)</b>         | <b>82714, 83335</b>  |
| <b>Description</b>      | Project controls with values longer than 25 characters generated error "ORA-01403: no data found."<br><br>Names of days in language other than English generated error messages "ORA-06502: numeric or value error" or "Error determining transaction ending day."   |
| <b>Replaced File(s)</b> | ORACLEAPIS\interfac\opaacty.sp   |

## Resolved Issues

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|                         |  |
|-------------------------|--|
| <b>Issue(s)</b>         | <b>85251</b>   |
| <b>Description</b>      | Project information was written to outbound invoice with containing purchase order number. Invoice must contain project information or PO number, not both.  |
| <b>Replaced File(s)</b> | psdi\iface\oraapp\extexit\MoutAPEExt.class   |
| <b>Issue(s)</b>         | <b>68875, 86084, 89130</b>   |
| <b>Description</b>      | Unapproving and reapproving a MAXIMO PR before sending it to Oracle Applications resulted in duplicate PR lines being sent to Oracle interface table.<br><br>Reapproving PR sent all PR lines, not just PR lines that previously failed import process, to Oracle interface table. |
| <b>Replaced File(s)</b> | ORACLEAPIS\interfac\opr.x.sp<br>ORACLEAPIS\oraapis\idpkg0.pkg  |
| <b>Issue(s)</b>         | <b>86210</b>   |
| <b>Description</b>      | When there were no account distributions in Oracle, costs were not set to zero.  |
| <b>Replaced File(s)</b> | ORACLEAPIS\oraapis\mtlisut0.sql  |
| <b>Issue(s)</b>         | <b>86675</b>   |
| <b>Description</b>      | Oracle Applications PO validation of cancelled outbound PO generated error "attribute2 is null" and message "Should have PO document number."  |
| <b>Replaced File(s)</b> | ORACLEAPIS\interfac\opox0.sp   |
| <b>Issue(s)</b>         | <b>87450</b>   |
| <b>Description</b>      | Multiple updates of cost information in Oracle Applications resulted in multiple inventory balance transactions.   |
| <b>Replaced File(s)</b> | ORACLEAPIS\oraapis\mtlbalt0.sql  |

**Issue(s)** 88313

**Description** Outbound CAI purchase order to Oracle 11.5.9 generated error "ORA-00904: "MATCHING\_BASIS" :invalid identifier Invalid Line Type."

**Replaced File(s)** ORACLEAPIS\interfac\opox0.sp  
ORACLEAPIS\oraapis\polodh3b.sql

### ***Revision 18***

**Issue(s)** 68591, 68598

**Description** MAXIMO allowed inbound invoice transactions that were not associated with a PO. Modified to accept such invoices.

Version.bat reported MAXIMO 5.1 installations as version 5.2 and installation skipped some 5.1 configuration steps. Modified to report correct version.

**Replaced File(s)** psdi\iface\install\ExtInstallORAFIN.class  
ORACLEAPIS\interfac\ofap0.sp

**Issue(s)** 69174

**Description** If two Oracle invoices have same vendor invoice number, second failed with *INT-0109: INVOICENUM <invoicenum> already exists*. Modified to use autokey if invoice number already exists.

**Replaced File(s)** psdi\iface\oraapp\extexit\MaxAPEExt.class

**Issue(s)** 70039, 70732

**Description** Non-Project labor transaction journals were not being sent to MOUT\_GL\_INTERFACE table. Modified to check JELABORAPI interface control to determine whether to send transactions to MOUT\_GL\_INTERFACE table.

For inbound receipts, GL credit and GL debit accounts were not mapped correctly. Modified code to map GL debit account to PO\_DISTRIBUTIONS.CODE\_COMBINATION\_ID and GL credit account to null.

**Replaced File(s)** psdi\iface\oraapp\extexit\MoutGLEExt.class  
ORACLEAPIS\interfac\ofrcv0.sp

## Resolved Issues

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**Issue(s)** 75285, 75287

**Description** Vendor contacts were attached to wrong vendor site after vendor synchronization script was run. Modified to map contacts to correct vendor site and to send only active contacts.

**Replaced File(s)** ORACLEAPIS\oraapis\vndhdrt.sql  
ORACLEAPIS\oraapis\vndsitet.sql

**Issue(s)** 82867

**Description** Import of PO (CAI interface) into Oracle 11.5.10 failed with error *ORDER\_TYPE\_LOOKUP\_CODE cannot be null*, due to new columns added in 11.5.10. Modified code to eliminate error.

**Replaced File(s)** ORACLEAPIS\interfac\cresynof.sql  
ORACLEAPIS\interfac\dropsynof.sql  
ORACLEAPIS\interfac\granora0.sql  
ORACLEAPIS\interfac\maxutil.psp  
ORACLEAPIS\interfac\maxutil.pkg  
ORACLEAPIS\interfac\opox0.sp  
ORACLEAPIS\oraapis\crpotab.tab  
ORACLEAPIS\oraapis\crviews.vw  
ORACLEAPIS\oraapis\polodh3b.sql

**Issue(s)** 82868

**Description** Import of receipt into Oracle failed with error *Column Receipt\_num is a mandatory field for this transaction*. Modified to eliminate error.

**Replaced File(s)** ORACLEAPIS\interfac\orevx0.sp

**Issue(s)** 82950

**Description** Import of update or deletion of existing reservation into Oracle failed with error *INV\_NO ORG INFORMATION*. Modified to eliminate error.

**Replaced File(s)** ORACLEAPIS\interfac\orsvx.sp



**Issue(s)**                    **82952**  
**Description**                Multiple copies of same inbound issue transaction sent to MAXIMO. Modified COSTED\_FLAG processing to eliminate duplicate transactions.

**Replaced File(s)**        ORACLEAPIS\oraapis\mtlisut0.sql

**Issue(s)**                    **83066**  
**Description**                Import of PO (standard interface) into Oracle failed due to obsolete PO lines in PO\_LINES\_INTERFACE table. Modified to delete obsolete lines.

**Replaced File(s)**        ORACLEAPIS\interfac\opoxs0.sp

**Issue(s)**                    **83217**  
**Description**                Cost in Oracle GL\_INTERFACE table was null because line cost was null. Modified code to check for loaded cost if line cost is null.

**Replaced File(s)**        ORACLEAPIS\interfac\oglx.sp

### ***Revision 17***

**Issue(s)**                    **64090**  
**Description**                Service receipts journals interfaced with Oracle General Ledger, not Oracle Projects. Also, error *INT-0115: Null Pointer Exception* occurred when a material receipt was created for a purchase order line with no item code.

**Replaced File(s)**        psdi\iface\oraapp\extexit\MoutGLEExt.class  
resources\defaults\ifaceoraapp.txt  
ORACLEAPIS\interfac\opaacty.sp

**Issue(s)**                    **64569**  
**Description**                Status changes for cancelled non-MAXIMO purchase requisitions were sent to MAXIMO.

**Replaced File(s)**        ORACLEAPIS\interfac\ofpr.sp

## Resolved Issues

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**Issue(s)**                    **66797**  
**Description**                Error *PLS-00904: Insufficient privilege to access object* occurred during installation of Projects interface portion of aftconfo.sql, because client did not have "Execute any Procedure" privilege. Granted explicit privileges for labor related object to Oracle Applications.

**Replaced File(s)**        ORACLEAPIS\interfac\granexe.sql

**Issue(s)**                    **66916**  
**Description**                Oracle purchase requisition import process tried to send approved purchase requisitions back to MAXIMO.

**Replaced File(s)**        ORACLEAPIS\oraapis\poactpk0.sql

### **Revision 16**

**Issue(s)**                    **011570**  
**Description**                Error *ORA-20102 MXE\_PO\_SP - ORA-01403: no data found* occurred when sending POs to Oracle if the operating unit and inventory organization were not identical. Modified to select records based on destination organization ID rather than operating unit ID.

**Replaced File(s)**        ORACLEAPIS\interfac\opox0.sp  
ORACLEAPIS\interfac\opoxs0.sp

**Issue(s)**                    **011959**  
**Description**                Select statement in api\_pomisc\_sp returned more than the requested number of rows when PO, receipts, or PO releases were created in Oracle for transfer to MAXIMO. Modified to include date criteria and thereby return a single valid row.

**Replaced File(s)**        ORACLEAPIS\oraapis\poactpk0.sql  
ORACLEAPIS\oraapis\poappprt0.sql  
ORACLEAPIS\oraapis\porcvt0.sql  
ORACLEAPIS\oraapis\porelt0.sql

**Issue(s)**                    **13794**  
**Description**                Receipts and returns in Oracle and MAXIMO caused double entries in the MATRECTRANS table, from max\_rcv\_interface and max\_isu\_interface transactions. Modified to filter out max\_isu\_interface transactions.

**Replaced File(s)**        ORACLEAPIS\oraapis\mtlisut0.sql

|                         |  |
|-------------------------|--|
| <b>Issue(s)</b>         | <b>13995</b>   |
| <b>Description</b>      | Error <i>ORA-20102: MXE_PO_CAI_SP - APIException</i> occurred in <i>mout_po_interface</i> when sending PO close transactions to Oracle along with invoice. Modified to not send PO transactions with status CLOSE to Oracle.   |
| <b>Replaced File(s)</b> | psdi\iface\oraapp\extexit\MoutGLExt.class<br>psdi\iface\oraapp\extexit\MoutPOExt.class   |
| <b>Issue(s)</b>         | <b>14553</b>   |
| <b>Description</b>      | Project related actuals were not sent from foreign language databases if value of <i>yes</i> was not "Y".  |
| <b>Replaced File(s)</b> | psdi\iface\oraapp\extexit\MoutGLExt.class  |
| <b>Issue(s)</b>         | <b>032962</b>  |
| <b>Description</b>      | <i>Source_type_code</i> was VENDOR for all PRs. Modified to send internal PR from MAXIMO to Oracle with <i>source_type_code</i> INVENTORY when the requisition is type INTERNAL and the item is not null.  |
| <b>Replaced File(s)</b> | ORACLREAPIS\interfac\opr.x.sp<br>psdi\iface\oraapp\extexit\MoutPRExt.class<br>resources\defaults\ifaceoraapp.txt   |
| <b>Issue(s)</b>         | <b>60960</b>   |
| <b>Description</b>      | <i>Granexe.sql</i> did not grant privileges on <i>MOF_USR_FC_SP</i> for clients installing Oracle Projects. Granted explicit privileges to Oracle Applications for Project related objects.  |
| <b>Replaced File(s)</b> | ORACLEAPIS\interfac\inspay.sql<br>ORACLEAPIS\paapis\granpa.sql   |
| <b>Issue(s)</b>         | <b>61953</b>   |
| <b>Description</b>      | <i>CHANGEBY</i> field in <i>MAX_ITM_INTERFACE</i> was set to MAXIMO, whether or not <i>GENUSR = Y</i> . Modified to populate <i>CHANGEBY</i> with MAXIMO only if value of <i>GENUSR</i> control is Y; otherwise, use the MAXIMO login user. The user ID that you use, whether MAXIMO or the login user ID, must be defined in Oracle Applications. |
| <b>Replaced File(s)</b> | psdi\iface\oraapp\extexit\MoutItmExt.class<br>ORACLEAPIS\interfac\oitmx.sp   |

## Resolved Issues

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|                         |  |
|-------------------------|--|
| <b>Issue(s)</b>         | <b>61957</b>   |
| <b>Description</b>      | MAXIMO did not validate order units and allowed null order unit in PR and PO lines. Oracle Applications import of PR requires unit of measure. Modified to check for valid, non-null order unit, else display error.   |
| <b>Replaced File(s)</b> | psdi\iface\oraapp\extexit\MoutPRExt.class<br>psdi\iface\oraapp\extexit\MoutPOExt.class<br>resources\defaults\ifaceoraapp.txt   |
| <b>Issue(s)</b>         | <b>61959</b>   |
| <b>Description</b>      | Reorder items do not populate the RequestedBy field in the PR header when MAXIMO generates a PR, which resulted in the field being hard-coded with value "MAXIMO". Modified to populate RequestedBy with MAXIMO only if value of GENUSR control is Y; otherwise, display error if field is null.   |
| <b>Replaced File(s)</b> | psdi\iface\oraapp\extexit\MoutPRExt.class<br>ORACLEAPIS\interfac\opr.x.sp  |
| <b>Issue(s)</b>         | <b>61996</b>   |
| <b>Description</b>      | The MEA erroneously imported new Oracle vendors to MAXIMO when value of purchasing site flag was N. Modified to capture records when Purchasing site flag is Y and to get records and disable vendor record when purchasing site flag is changed from Y to N.  |
| <b>Replaced File(s)</b> | ORACLEAPIS\oraapis\vndsitet.sql  |
| <b>Issue(s)</b>         | <b>62000</b>   |
| <b>Description</b>      | Oracle Requisition import process updates all imported purchasing requisition records in a batch with the same batch Request_id. Api_poact_pkg.api_req_sp uses Request_id to check for Requisition interface table errors, but multiple records have same Request_id, so modified where clause to use both Request_id and specific MAXIMO PR id to retrieve records with errors. |
| <b>Replaced File(s)</b> | ORACLEAPIS\oraapis\poactpk0.sql  |

**Issue(s)**                    **62257**

**Description**                Changing site name in Oracle Applications created new vendor record in MAXIMO for that site, without disabling old vendor record. Modified to disable old vendor record.

**Replaced File(s)**            psdi\iface\oraapp\extexit\MaxComExt.class  
psdi\iface\install\EXTInstallORAFIN.class  
ORACLEAPIS\oraapis\vndhdt.sql  
ORACLEAPIS\oraapis\vndsitet.sql  
ORACLEAPIS\interfac\ofvnd.sp

**Issue(s)**                    **62310**

**Description**                Return receipts were sent to Oracle, which does not support them. Modified to skip receipts with issuetype = "return".

**Replaced File(s)**            psdi\iface\oraapp\extexit\MoutRCVExt.class

### ***Revision 15***

**Issue(s)**                    **12414**

**Description**                PO approvals created in MAXIMO for Oracle inventory did not require promised date or need by date, which caused error in Oracle Applications. Modified to require one of the two dates on MAXIMO PO lines. Also mapped MAXIMO vendor date to Oracle promised date.

**Replaced File(s)**            resources\defaults\ifaceoraapp.txt  
psdi\iface\oraapp\extexit\MoutPOExt.class  
ORACLEAPIS\interfac\opox0.sql  
ORACLEAPIS\interface\opoxs0.sp

**Issue(s)**                    **13628**

**Description**                Made the declarations of the MAXIMA package specification and body identical, to compile on Oracle 9i database.

**Replaced File(s)**            ORACLEAPIS\paapis\fcextract.sql

## Resolved Issues

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**Issue(s)** 13871  
**Description** Error *API\_GLCC\_SP - Error from gl\_sets\_of\_books ORA-01422: exact fetch returns more than requested number of rows* occurred when synchronizing GL accounts with MAXIMO, when the same chart of account belongs to multiple sets of books. Modified to multiply the rows in MAX\_COA\_INTERFACE table for each Set of Books.  
**Replaced File(s)** ORACLREAPIS\interfac\ofcoa.sp

**Issue(s)** 035144  
**Description** Error *ORA-20102: ValidateMaxGL* occurred in outbound transactions when GL account's last segment was needed to make the account number unique. Corrected command that caused last segment to be nulled.  
**Replaced File(s)** ORACLEAPIS\paapis\fcextract.sql

### **Revision 14**

**Issue(s)** 10665, 034025  
**Description** On outbound invoices, prorated amounts were not included in the amount field. For non-matched lines, modified to map LOADED\_COST rather than LINE\_COST to the invoice distribution/line. For PO matched lines, created new line with type MISCELLANEOUS, which contains the difference between the loaded cost and the line cost.  
**Replaced File(s)** ORACLEAPIS\interfac\oapx.sp  
resources\defaults\ifaceoraapp.txt  
psdi\iface\oraapp\extexit\MoutAPEExt.class

**Issue(s)** 12206  
**Description** Some synchronization scripts prompted user for parameter and others used hard-coded parameters. Modified so all synchronization scripts prompt for parameter.  
**Replaced File(s)** ORACLEAPIS\labapis\synclabor.sql  
ORACLEAPIS\oraapis\synccoa.sql  
ORACLEAPIS\oraapis\syncitm.sql  
ORACLEAPIS\oraapis\syncbal.sql  
ORACLEAPIS\oraapis\syncvnd.sql

|                         |  |
|-------------------------|--|
| <b>Issue(s)</b>         | <b>12400</b>   |
| <b>Description</b>      | Removed incorrect select statement from syncitm.sql script.  |
| <b>Replaced File(s)</b> | ORACLEAPIS\oraapis\syncitm.sql   |
| <b>Issue(s)</b>         | <b>027650</b>  |
| <b>Description</b>      | Problems collecting additional data from views filtered by current organization id. Oracle Applications processes sending transactions to MAXIMO weren't determining user's organization ID, thereby not returning any rows. Modified to first determine user's organization ID. |
| <b>Replaced File(s)</b> | ORACLEAPIS\interfac\putinlog.sp  |
| <b>Issue(s)</b>         | <b>032955</b>  |
| <b>Description</b>      | Outbound GL journals contained line cost, not loaded cost. Modified to send loaded cost and to always send journal amounts in BaseCurrency.  |
| <b>Replaced File(s)</b> | ORACLEAPIPS\interfac\oglx.sp   |
| <b>Issue(s)</b>         | <b>034025</b>  |
| <b>Description</b>      | See Revision 14, Issue 10665   |
| <b>Issue(s)</b>         | <b>035138, 035198</b>  |
| <b>Description</b>      | Oracle no longer uses po_vendors.enabled_flag to disable vendors/companies. Modified to determine/populate value of MAXIMO disabled flag by looking at po_vendors.end_date_active and po_vendor_sites.inactive_date. Disabling vendor for future date didn't work.               |
|                         | <b>NOTE:</b> Run Sync scripts more frequently or, if possible, every day.  |
| <b>Replaced File(s)</b> | ORACLEAPIS\oraapis\vndhdrt.sql<br>ORACLEAPIS\oraapis\vndsitet.sql  |
| <b>Issue(s)</b>         | <b>035144</b>  |
| <b>Description</b>      | Error <i>ORA-20102: ValidateMaxGL</i> occurred in outbound transactions when GL account's last segment was needed to make the account number unique. Corrected command that caused last segment to be nulled.  |
| <b>Replaced File(s)</b> | ORACLEAPIS\oraapis\glpkg0.sql  |

## Resolved Issues

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**Issue(s)**                    **035198**  
**Description**                See Revision 14, Issue 035138

### ***Revision 13***

**Issue(s)**                    **12207**  
**Description**                Added TERM\_ID to Show Payment Terms report.  
**Replaced File(s)**        ORACLEAPIS\oraapis\showpترم.sql

**Issue(s)**                    **12365**  
**Description**                Null Pointer Exception error occurs when PO status updates are sent from MAXIMO to Oracle.  
**Replaced File(s)**        psdi\iface\oraapp\extexit\MaxPOExt.class

**Issue(s)**                    **12468**  
**Description**                Approving blanket releases in MAXIMO for Oracle-owned blanket orders fails with NumberFormatException.  
**Replaced File(s)**        psdi\iface\oraapp\extexit\MoutPOExt.class

**Issue(s)**                    **12554**  
**Description**                Enhancements added for Oracle 11.5.8.  
**Replaced File(s)**        ORACLEAPIS\interfac\aftconfo.sql  
ORACLEAPIS\interfac\cresynof.sql  
ORACLEAPIS\interfac\granora0.sql  
ORACLEAPIS\interfac\inspan.sql  
ORACLEAPIS\interfac\insstep1.sql  
ORACLEAPIS\interfac\insstep2.sql  
ORACLEAPIS\interfac\insstep3.sql  
ORACLEAPIS\interfac\insstep4.sql  
ORACLEAPIS\interfac\insstep5.sql  
ORACLEAPIS\interfac\oapx.sp  
ORACLEAPIS\interfac\oglx.trg  
ORACLEAPIS\interfac\oitmx.sp  
ORACLEAPIS\interfac\oitmxp.sp  
ORACLEAPIS\interfac\opox0.sp  
ORACLEAPIS\interfac\opoxs0.sp  
ORACLEAPIS\interfac\opr.x.sp  
ORACLEAPIS\interfac\setofvar.sql  
ORACLEAPIS\interfac\synmax.sql  
ORACLEAPIS\oraapis\papgk.pkg  
ORACLEAPIS\oraapis\version.sql



psdi\iface\doc\EXTInstallORAFIN.bat  
psdi\iface\install\EXTInstallORAFIN.class  
psdi\iface\install\InstallOrafinControls.class  
psdi\iface\oraapp\extexit\MoutAPEExt.class  
psdi\iface\oraapp\extexit\MoutGLEExt.class  
psdi\iface\oraapp\extexit\MoutPOExt.class  
psdi\iface\oraapp\extexit\MoutPREExt.class  
psdi\iface\oraapp\extexit\OraappExt.class  
psdi\iface\oraapp\extexit\OraappOutExt.class  
psdi\util\ORAFINVersion.class  
resources\defaults\ifaceoraapp.txt  
unix\_shell\_scripts\EXTInstallORAFIN.sh

**Issue(s)****025468****Description**

When releases against blanket POs are sent to Oracle, an error occurs if multiple releases are sent against the same PO.

The following fields are no longer used during inbound (Oracle to MAXIMO) transactions:

- ▼ MAX\_AP\_INTERFACE.USERDATA1
- ▼ MAX\_AP\_INTERFACE.USERDATA3
- ▼ MAX\_RCV\_INTERFACE.USERDATA3
- ▼ MAX\_RCV\_INTERFACE.USERDATA4

**Replaced File(s)**

ORACLEAPIS\interfac\oapx.sp  
ORACLEAPIS\interfac\ofap0.sp  
ORACLEAPIS\interfac\ofrcv0.sp  
ORACLEAPIS\interfac\opox0.sp  
ORACLEAPIS\oraapis\invcmtc0.sql  
ORACLEAPIS\oraapis\polodm3b.sql  
ORACLEAPIS\oraapis\porevt0.sql  
ORACLEAPIS\oraapis\povali2b.sql  
ORACLEAPIS\oraapis\povali2s.sql  
psdi\iface\install\EXTInstallORAFIN.class  
psdi\iface\oraapp\extexit\MaxAPEExt.class  
psdi\iface\oraapp\extexit\MaxRCVExt.class

**Issue(s)****034702****Description**

Promised date of PO lines in Oracle is not mapped to MAXIMO.

**Replaced File(s)**

ORACLEAPIS\interfac\ofpo0.sp

**Revision 12**

**Issue(s)**                    **10249**  
**Description**                Error occurs due to incorrect mapping of LABOR.DISABLE.  
**Replaced File(s)**        ORACLEAPIS\labapis\oflc.sp  
                                  ORACLEAPIS\labapis\synclabor.sql  
                                  wm\mxintegration\config\meora.cfg

**Issue(s)**                    **10277**  
**Description**                The wrong employees are transferred from Oracle to MAXIMO due to the lack of a filter.  
**Replaced File(s)**        ORACLEAPIS\labapis\oflc.sp  
                                  ORACLEAPIS\labapis\synclabor.sql  
                                  wm\mxintegration\config\meora.cfg

**Issue(s)**                    **10409**  
**Description**                Mapping error occurs when sending Oracle lot controls to MAXIMO LOTTYPEs.  
**Replaced File(s)**        ORACLEAPIS\interfac\ofitm.sp  
                                  psdi\iface\oraapp\extexit\MaxItmExt.class

**Issue(s)**                    **11628**  
**Description**                The OWNERSYSID of MAXIMO-owned items should not be updated in Oracle when item updates are transferred.  
**Replaced File(s)**        ORACLEAPIS\oraapis\mtlsyst.sql  
                                  psdi\iface\oraapp\extexit\MaxitmExt.class

**Issue(s)**                    **11918**  
**Description**                Commented the creation of synonym of api\_dem\_sp, which is no longer used. Caused invalid object when running Validate Apps Schema.  
**Replaced File(s)**        ORACLEAPIS\interfac\synmax.sql

**Issue(s)**                    **034075**

**Description**                To support Invoice matching to multiple PO's, populated the invoicelineponum at the line level, instead of ponum at the header level.

**Replaced File(s)**            ORACLEAPIS\interfac\ofap0.sp  
psdi\iface\oraapp\extexit\MaxAPEExt.class

### ***Revision 11***

**Issue(s)**                    **9707**

**Description**                PRs Out fail with ORA-00907 when vendor ID contains an apostrophe.

**Replaced File(s)**            psdi\iface\oraapp\extexit\MaxAPEExt.class  
psdi\iface\oraapp\extexit\MaxISUEExt.class  
psdi\iface\oraapp\extexit\MaxItmExt.class  
psdi\iface\oraapp\extexit\MaxPREExt.class  
psdi\iface\oraapp\extexit\MaxRCVExt.class  
psdi\iface\oraapp\extexit\MoutAPEExt.class  
psdi\iface\oraapp\extexit\MoutPOExt.class  
psdi\iface\oraapp\extexit\MoutRCVExt.class  
psdi\iface\oraapp\extexit\MoutRSVExt.class  
psdi\iface\oraapp\extexit\OraappExt.class  
psdi\iface\oraapp\extexit\OraappOutExt.class

**Issue(s)**                    **032106**

**Description**                POs and invoices fail when PO numbers contain lower case characters.

**Replaced File(s)**            ORACLEAPIS\interfac\ofap0.sp  
ORACLEAPIS\interfac\ofpo0.sp  
psdi\iface\oraapp\extexit\MaxRCVExt.class

**Issue(s)**                    **033262**

**Description**                Enhancements from 11.5.7 added to 11.5.5 code base:

- ▼ The integration now supports the following:
  - change orders coming from MAXIMO
  - POs sent through the standard open interface with status of Approved
  - item updates from MAXIMO
  - miscellaneous receipts as inventory returns from Oracle
  - inbound transaction filters from Oracle
  - labor/employee inbound transactions

- ▼ The following integration controls have been added:

| Integration Control | Description                                    |
|---------------------|--|
| JEITMRECBALADJ      | Inventory reconcile balance adjustment journal |
| PROJPAY             | Use Projects pay rate                          |
| CONVHRS             | Annual salary converted to hourly rate         |
| POAPI               | Oracle PO API to use: CAI or STD               |
| VNDORGVAL           | Validation of Vendor prefix                    |

**Replaced File(s)**

ORACLEAPIS\apisuser\opox0.usp  
 ORACLEAPIS\interfac\dropprev.sql  
 ORACLEAPIS\interfac\droppub.sql  
 ORACLEAPIS\interfac\insstep1.sql  
 ORACLEAPIS\interfac\insstep4.sql  
 ORACLEAPIS\interfac\insstep5.sql  
 ORACLEAPIS\interfac\mpox.trg  
 ORACLEAPIS\interfac\mrcvx.trg  
 ORACLEAPIS\interfac\ofisu0.sp  
 ORACLEAPIS\interfac\oitmx.sp  
 ORACLEAPIS\interfac\oitmxd.sp  
 ORACLEAPIS\interfac\oitmxu.sp  
 ORACLEAPIS\interfac\opox0.sp  
 ORACLEAPIS\interfac\opoxs0.sp  
 ORACLEAPIS\interfac\opoxx0.sp  
 ORACLEAPIS\interfac\opoxxs0.sp  
 ORACLEAPIS\interfac\orcvx0.sp  
 ORACLEAPIS\interfac\setofvar.sql  
 ORACLEAPIS\interfac\setoractls.sql  
 ORACLEAPIS\interfac\synmax.sql  
 ORACLEAPIS\labapis\oflc.sql  
 ORACLEAPIS\labapis\paempt.sql  
 ORACLEAPIS\labapis\synclabor.sql  
 ORACLEAPIS\oraapis\dropofapps.sql  
 ORACLEAPIS\oraapis\glcombot.sql  
 ORACLEAPIS\oraapis\glcomdt0.sql  
 ORACLEAPIS\oraapis\glcompt0.sql  
 ORACLEAPIS\oraapis\invcmtc0.sql  
 ORACLEAPIS\oraapis\mtlbalt0.sql  
 ORACLEAPIS\oraapis\mtlisut0.sql  
 ORACLEAPIS\oraapis\mtlsyst.sql  
 ORACLEAPIS\oraapis\poactt.sql

ORACLEAPIS\oraapis\poappr0.sql  
ORACLEAPIS\oraapis\poimpt.sql  
ORACLEAPIS\oraapis\poinst.sql  
ORACLEAPIS\oraapis\poinstnn.sql  
ORACLEAPIS\oraapis\poinstny.sql  
ORACLEAPIS\oraapis\porcv0.sql  
ORACLEAPIS\oraapis\porelt0.sql  
ORACLEAPIS\oraapis\prappr0.sql  
ORACLEAPIS\oraapis\vndhprt.sql  
ORACLEAPIS\oraapis\vndsitet.sql  
psdi\iface\install\EXTInstallORAFIN.class  
psdi\iface\install\InstallOrafinControls.class  
psdi\iface\oraapp\extexit\MaxLcExt.class  
psdi\iface\oraapp\extexit\MoutPOExt.class  
psdi\iface\oraapp\userexit.MaxLcUser.class  
psdi\iface\oraapp\userexit.MaxLcUser.java  
wm\mxintegration\config\meora.cfg

**Issue(s)** 032887  
**Description** When POOUT = N and RCVOUT = N, MAXIMO invoices with PO line items and Service line items sent to Oracle fail.  
**Replaced File(s)** psdi\iface\oraapp\extexit\MoutAPEExt.class

**Issue(s)** 033481  
**Description** Item numbers convert to upper case when transferred from Oracle to MAXIMO, causing Oracle API invalid item number error.  
**Replaced File(s)** ORACLEAPIS\interfac\ofbal0.sp  
ORACLEAPIS\interfac\ofitm.sp  
ORACLEAPIS\interfac\ofpo0.sp  
ORACLEAPIS\interfac\ofrcv0.sp

### ***Revision 10***

**Issue(s)** 032241  
**Description** HistoryFlag set to Y generated error on inbound invoices. Set to null instead.  
**Replaced File(s)** ORACLEAPIS\interfac\ofap0.sp

## Resolved Issues

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|-------------------------|---|
| <b>Issue(s)</b>         | <b>032246</b>   |
| <b>Description</b>      | Showerr.sql, showflow.sql, and showlog.sql sorting reports in incorrect order.  |
| <b>Replaced File(s)</b> | ORACLEAPIS\interfac\showerr.sql<br>ORACLEAPIS\interfac\showflow.sql<br>ORACLEAPIS\interfac\showlog.sql  |
| <b>Issue(s)</b>         | <b>032293</b>   |
| <b>Description</b>      | Maxapi.flowoff procedure will no longer set EXCEPTIONTOMAX to "Y" by default.   |
| <b>Replaced File(s)</b> | ORACLEAPIS\interfac\mapiset.pkg   |
| <b>Issue(s)</b>         | <b>032400</b>   |
| <b>Description</b>      | For the transactions going out of MAXIMO, as MBOs are giving the ExternalValue(Value Column) of the Valuelist table, we need to covert it to the Maxvalue as we are using it for comparison's.<br>For the transactions coming in to MAXIMO, we need to convert the Maxvalue to the ExternalValue of the Valuelist.  |
| <b>Replaced File(s)</b> | psdi\iface\oraapp\extexit\MaxISUEExt.class<br>psdi\iface\oraapp\extexit\MaxItmExt.class<br>psdi\iface\oraapp\extexit\MaxPOExt.class<br>psdi\iface\oraapp\extexit\MaxPREExt.class<br>psdi\iface\oraapp\extexit\MoutItmExt.class<br>psdi\iface\oraapp\extexit\MoutPOExt.class<br>psdi\iface\oraapp\extexit\MoutPREExt.class<br>psdi\iface\oraapp\extexit\MoutRSVExt.class |
| <b>Issue(s)</b>         | <b>032423</b>   |
| <b>Description</b>      | Translated the Oracle Invoice types to MAXIMO Document types.   |
| <b>Replaced File(s)</b> | psdi\iface\oraapp\extexit\MaxAPEExt.class<br>ORACLEAPIS\interfac\ofap0.sp   |
| <b>Issue(s)</b>         | <b>032428</b>   |
| <b>Description</b>      | Eliminate duplicate line items on Oracle POs when issuing releases from MAXIMO.   |
| <b>Replaced File(s)</b> | psdi\iface\oraapp\extexit\MaxPOExt.class  |

### ***Revision 9***

**Issue(s)**                    **031982**  
**Description**                When sending any or all POs from Oracle to MAXIMO, a Null Pointer Exception occurs.  
**Replaced File(s)**            psdi\iface\oraapp\extexit\MaxPOExt.class

**Issue(s)**                    **031990**  
**Description**                When sending POs from Oracle to MAXIMO, Total Cost and Total Base Cost are not transferred.  
**Replaced File(s)**            ORACLEAPIS\interfac\ofpo0.sp

**Issue(s)**                    **032166**  
**Description**                REFWO is not being inserted into the MAX\_AP\_INTERFACE table, therefore it cannot be used in the Invoice user exit procedure.  
**Replaced File(s)**            ORACLEAPIS\interfac\ofap0.sp

### ***Revision 8***

**Issue(s)**                    **031136**  
**Description**                EXTInstallORAFIN.sh file must be compatible with AIX.  
**Replaced File(s)**            unix\_shell\_scripts\EXTInstallORAFIN.sh

### ***Revision 7***

**Issue(s)**                    **026233, 026264**  
**Description**                Error occurs when sending item reservation deletions from MAXIMO to Oracle.  
**Replaced File(s)**            ORACLEAPIS\interfac\orsvx.sp

**Issue(s)**                    **027353**  
**Description**                Receipt numbers duplicated when sending receipts from MAXIMO to Oracle.  
**Replaced File(s)**            ORACLEAPIS\interfac\orcvx0.sp

**Issue(s)**                    **027744**  
**Description**                Error occurs when material balances last updated in year 2000 are sent from Oracle to MAXIMO.  
**Replaced File(s)**            ORACLEAPIS\oraapis\mtlbalt0.sql

**Issue(s)**                    **027930**

**Description**                Need to allow multiple Oracle operating units to be stored in extra fields.

**Replaced File(s)**            psdi\iface\install\EXTInstallORAFIN.class  
psdi\iface\install\InstallOrafinControls.class  
psdi\iface\oraapp\extexit\MaxAPEExt.class  
psdi\iface\oraapp\extexit\MaxPOExt.class  
psdi\iface\oraapp\extexit\MoutAPEExt.class  
psdi\iface\oraapp\extexit\MoutPOExt.class  
psdi\iface\oraapp\extexit\MoutPREExt.class  
psdi\iface\oraapp\extexit\MoutRCVExt.class  
psdi\iface\oraapp\extexit\OraappExt.class  
psdi\iface\oraapp\extexit\OraappOutExt.class  
ORACLEAPIS\interfac\ofpo0.sp  
ORACLEAPIS\interfac\ofap0.sp

**Revision 6**

**Issue(s)**                    **024917**

**Description**                Need to support invoices for blanket-release purchase orders.

**Replaced File(s)**            psdi\iface\oraapp\extexit\MoutAPEExt.class  
ORACLEAPIS\interfac\oapx.sp

**Issue(s)**                    **026409**

**Description**                PO release from MAXIMO to Oracle Applications does not contain quantity and cost information.

**Replaced File(s)**            ORACLEAPIS\interfac\opox0.sp  
ORACLEAPIS\interfac\setoractls.sql

**Issue(s)**                    **026937**

**Description**                Sequences should not be recreated when aftconfo.sql is run in Oracle.

**Replaced File(s)**            ORACLEAPIS\interfac\cremoractls.sql  
ORACLEAPIS\interfac\insstep1.sql

**Issue(s)**                    **027167**

**Description**                Need to update actual material costs on work orders from external receipts.

**Replaced File(s)**            ORACLEAPIS\interfac\ofrcv0.sp



**Issue(s)**                    **027219**  
**Description**                MAXORACTLS values should not be overwritten when aftconfo.sql script is run.  
**Replaced File(s)**        ORACLEAPIS\interfac\maxutil.pkg  
                                  ORACLEAPIS\interfac\maxutil.psp  
                                  ORACLEAPIS\interfac\setoractls.sql

**Issue(s)**                    **027348**  
**Description**                Make integration compatible with multi-language functionality.  
**Replaced File(s)**        psdi\iface\install\InstallOrafinControls.class  
                                  psdi\iface\install\EXTInstallORAFIN.class

### ***Revision 5***

**Issue(s)**                    **026663**  
**Description**                Error occurs when transferring inventory balances from Oracle to MAXIMO.  
**Replaced File(s)**        psdi\iface\oraapp\extexit\MaxItmExt.class

### ***Revision 4***

**Issue(s)**                    **024567**  
**Description**                Error occurs when receiving items in Oracle and updating MAXIMO item quantities and costs when using a generic storeroom.  
**Replaced File(s)**        ORACLEAPIS\interfac\ofrcv0.sp  
                                  psdi\iface\oraapp\extexitMaxRCVExt.class

**Issue(s)**                    **024591**  
**Description**                For POs coming into MAXIMO, the SHIPTOATTN field should be uncommented and the value included on the PO.  
**Replaced File(s)**        ORACLEAPIS\interfac\ofpo0.sp  
                                  ORACLEAPIS\oraapis\creparm0.sql  
                                  ORACLEAPIS\oraapis\poactpk0.sql  
                                  ORACLEAPIS\oraapis\poaaprt0.sql  
                                  ORACLEAPIS\oraapis\porelt0.sql

**Issue(s)**                    **025273**  
**Description**                Error occurs when transferring initial item balances.  
**Replaced File(s)**        ORACLEAPIS\oraapis\syncbal.sql

## Resolved Issues

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**Issue(s)**                    **025950**  
**Description**                The SHIPTOATTN field should not be validated in POs sent from MAXIMO to Oracle.  
**Replaced File(s)**            ORACLEAPIS\interfac\opox0.sp1  
                                  psdi\iface\oraapp\extexit\MoutPOExt.class

### ***Revision 3***

**Issue(s)**                    **025156**  
**Description**                Date format for receipts going out of MAXIMO must be language independent.  
**Replaced File(s)**            ORACLEAPIS\oraapis\interfac\orcvx0.sp  
                                  psdi\iface\oraapp\extexit\MoutRCVExt.class

**Issue(s)**                    **025378**  
**Description**                When reconciling inventory balances from MAXIMO, an error occurs in the MOUT\_GL\_INTERFACE table. Must run ExtInstallORAFIN batch script to install JEITMRECBALADJ control.  
**Replaced File(s)**            psdi\iface\install\EXTInstallORAFIN.class  
                                  psdi\iface\install\InstallOrafinControls.class (source included)  
                                  psdi\iface\doc\EXTInstallORAFIN.bat  
                                  psdi\iface\oraapp\extexit\MoutGLEExt.class

### ***Revision 2***

**Issue(s)**                    **024063**  
**Description**                Integration needs to accommodate clients who have configured for a single organization in Oracle Applications.  
**Replaced File(s)**            ORACLEAPIS\interfac\ofvnd.sp  
                                  ORACLEAPIS\interfac\ofisu0.sp  
                                  ORACLEAPIS\interfac\ofap0.sp  
                                  ORACLEAPIS\interfac\ofcoax.sp  
                                  ORACLEAPIS\interfac\ofpo0.sp  
                                  ORACLEAPIS\interfac\ofpox.sp  
                                  ORACLEAPIS\interfac\ofpr.sp  
                                  ORACLEAPIS\interfac\ofrcv0.sp

## Resolved Issues

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|-------------------------|---|
| <b>Issue(s)</b>         | <b>024270</b>   |
| <b>Description</b>      | Error occurs when sending a credit memo from Oracle Applications to MAXIMO.   |
| <b>Replaced File(s)</b> | psdi\iface\oraapp\extexit\MaxAPEExt.class   |
| <b>Issue(s)</b>         | <b>024338</b>   |
| <b>Description</b>      | Error occurs when running EXTInstallORAFIN  |
| <b>Replaced File(s)</b> | psdi\iface\install\InstallOrafinControls.java<br>psdi\iface\install\InstallOrafinControls.class<br>psdi\iface\install\EXTInstallORAFIN.class<br>Note: source included |
| <b>Issue(s)</b>         | <b>024362</b>   |
| <b>Description</b>      | SHOWERR.SQL script has wrong table name for MAX_INTERFACE_ERR.  |
| <b>Replaced File(s)</b> | ORACLEAPIS\interfac\showerr.sql   |
| <b>Issue(s)</b>         | <b>024363</b>   |
| <b>Description</b>      | Error occurs when running the SHOWLOG.SQL script.   |
| <b>Replaced File(s)</b> | ORACLEAPIS\interfac\showlog.sql   |
| <b>Issue(s)</b>         | <b>024455</b>   |
| <b>Description</b>      | When PRGENITEM=Y and the ownersysid returns null, the item is not getting replaced with MAXITEM.  |
| <b>Replaced File(s)</b> | psdi\iface\oraapp\extexit\OraappExt.class   |
| <b>Issue(s)</b>         | <b>024499</b>   |
| <b>Description</b>      | When sending a PR to Oracle Applications from MAXIMO, the SHIPTOATTN should be the MAXIMO labor code.   |
| <b>Replaced File(s)</b> | ORACLEAPIS\interfac\opr.x.sp<br>ORACLEAPIS\oraapis\idpkg0.pkg   |

## Resolved Issues

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**Issue(s)**                    **024535**  
**Description**                When sending POs to MAXIMO from Oracle Applications, the vendor needs to be concatenated with “0” when using a single operating unit in Oracle Applications.  
**Replaced File(s)**            ORACLEAPIS\interfac\ofpo0.sp  
                                  ORACLEAPIS\interfac\ofap0.sp

**Issue(s)**                    **024536, 024858**  
**Description**                PR transactions that failed in Oracle interface came back to MAXIMO. Also, commit missing from the version.sql script.  
**Replaced File(s)**            psdi\iface\oraapp\extexit\MaxPREExt.class  
                                  ORACLEAPIS\oraapis\primpt.sql  
                                  ORACLEAPIS\oraapis\version.sql

**Issue(s)**                    **024733**  
**Description**                Item transactions sent from MAXIMO to Oracle are resent to MAXIMO.  
**Replaced File(s)**            ORACLEAPIS\interfac\oitmx.sp  
                                  ORACLEAPIS\oraapis\mtlsyst.sql

**Issue(s)**                    **025083**  
**Description**                The USERDATA1 field in Labor Journal Entry should default to “MAXIMO”.  
**Replaced File(s)**            psdi\iface\oraapp\extexit\MoutGLEExt.class

### ***Revision 1***

**Issue(s)**                    **022879**  
**Description**                Database Platform: SQL Server 2000 only  
                                  Invalid SQL server function. Unable to enter a line on a purchase order where the item is attached to a storeroom.  
**Replaced File(s)**            psdi\iface\oraapp\extexit\MoutPOExt.class  
                                  psdi\iface\oraapp\extexit\OraappExt.class

**Issue(s)**                    **023111**  
**Description**                If the REQUESTEDBY and CHANGEBY fields are not populated when GENUSR = N, errors occur in the interface tables.  
**Replaced File(s)**            psdi\iface\oraapp\extexit\MoutRSVExt.class  
                                  resources\defaults\ifaceoraapp.txt

## Resolved Issues

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|-------------------------|--|
| <b>Issue(s)</b>         | <b>023187</b>  |
| <b>Description</b>      | The userdata fields in the MOUT_GL_INTERFACE table are not configured correctly during the install.  |
| <b>Replaced File(s)</b> | psdi\iface\install\EXTInstallORAFIN.class  |
| <b>Issue(s)</b>         | <b>023233</b>  |
| <b>Description</b>      | Database Platform: SQL Server 2000 only<br>When creating a release purchase order in Oracle and sending the data to MAXIMO, an error occurs in MXServer.   |
| <b>Replaced File(s)</b> | psdi\iface\doc\AlterPOLineNum.sql  |
| <b>Issue(s)</b>         | <b>023331</b>  |
| <b>Description</b>      | An exception should be raised if an invalid vendor is used during the creation of a purchase requisition, purchase order, or invoice.  |
| <b>Replaced File(s)</b> | psdi\iface\oraapp\extexit\OraappOutExt.class<br>resources\defaults\ifaceoraapp.txt   |
| <b>Issue(s)</b>         | <b>023345</b>  |
| <b>Description</b>      | An exception should be raised if the SHIPTOATTN is NULL on the Purchase Requisition header screen.   |
| <b>Replaced File(s)</b> | psdi\iface\oraapp\extexit\MoutPOExt.class<br>psdi\iface\oraapp\extexit\MoutPRExt.class   |
| <b>Issue(s)</b>         | <b>024017</b>  |
| <b>Description</b>      | When the setofvar.sql switch OFPOAPI is set to N so as to not load CAI Interface and to use Oracle Standard PO Interface, the following error occurs:<br><br>PLS-00201: identifier 'MAX_POX_INTERFACE' must be declared because of an invalid reference to the no longer existent MAX_POX_INTERFACE table. |
| <b>Replaced File(s)</b> | ORACLEAPIS\extapis\epoinx.sp<br>ORACLEAPIS\interfac\droppev.sql  |
| <b>Issue(s)</b>         | <b>024018</b>  |
| <b>Description</b>      | Install fails in aftconfo with the following error:<br><br>PLS-00306: wrong number or types of arguments in call to  |
| <b>Replaced File(s)</b> | ORACLEAPIS\oraapis\poimpts.sql   |

## Resolved Issues

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|-------------------------|--|
| <b>Issue(s)</b>         | <b>024062</b>  |
| <b>Description</b>      | The mapping of the CATALOGCODE to the SUGGESTED_VENDOR_ITEM_NUM on the purchase requisition needs to be corrected. |
| <b>Replaced File(s)</b> | ORACLEAPIS\interfac\opr.x.sp<br>psdi\iface\install\EXTInstallORAFIN.class  |
| <b>Issue(s)</b>         | <b>024223</b>  |
| <b>Description</b>      | Added ORAFIN install shell scripts for UNIX.   |
| <b>Replaced File(s)</b> | solaris/version.sh<br>solaris/EXTInstallORAFIN.sh  |