Tivoli. IBM Maximo Enterprise Adapter for SAP R/3 4.7

IBM

Release 5.2

Revision 7 Release Notes
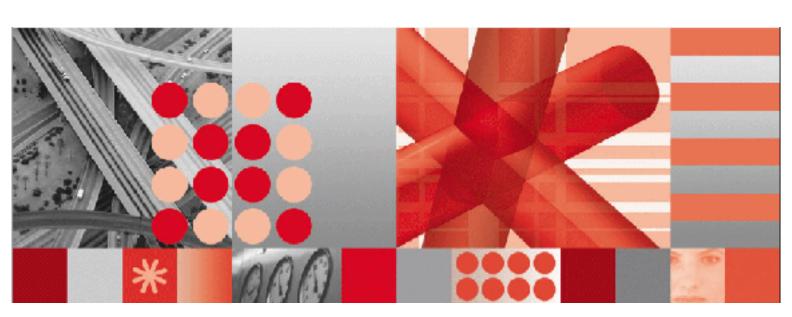
┌─ **Note** ───┐
Before using this information and the product it supports, read the information in "Notices" on page Notices-1.
└───┘

This edition applies to version 5, release 2 of IBM Maximo Enterprise Adapter for SAP R/3 4.7 and to all subsequent releases and modifications until otherwise indicated in new editions.

Third-Party Technology: Certain Maximo products contain technology provided under license from third parties, as noted in the following table:

Contents

About This Publication

This section describes the contents of the IBM® Maximo® Enterprise Adapter for SAP® R/3® 4.7 (MEA for SAP) Release 5.2, Revision 7. It also provides information about other IBM Corporation resources available to you, such as additional documentation and support.

Intended Audience

▼ Implementation team members
▼ System administrators

Related Information

For more information about *the* MEA for SAP, refer to the following documentation:

Document	Description
IBM Maximo Enterprise Adapter for SAP R/3 4.7 Installation Guide	Describes how to install and configure the IBM MEA for SAP R/3 4.7.
IBM Maximo Enterprise Adapter for SAP R/3 4.7 System Administrator's Guide	Describes how to install and configure the IBM MEA for SAP R/3 4.7.
IBM Maximo Enterprise Adapter System Administrator's Guide	Describes how to configure and use the IBM MEA.
IBM Maximo System Administrator's Guide	Describes how to configure and use Maximo.

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 contents of the Maximo Enterprise Adapter for SAP R/3 4.7 Release 5.2 (MEA for SAP) Revision 7. It details the steps you must take to install the MEA for SAP R/3 4.7 Release 5.2 Revision 7. It also lists of corrected issues for this update. Revision 7 includes all previous revisions.

Install this revision only if you have installed the MEA for SAP R/3 4.7 Release 5.2. To install the MEA for SAP R/3 Release 5.2 revision, you must have system administrator rights and authorities.

For more information about the steps for installing this revision, refer to "Revision Installation Procedures," on page 2. Read this document completely before you install this revision.

CAUTION   Install this revision in a test environment before you install it in a production environment.

Have the following documents available for reference:

▼ *IBM MEA for SAP R/3 4.7 Installation Guide*
▼ *IBM MEA for SAP R/3 4.7 System Administrator's Guide*
▼ *IBM MEA System Administrator's Guide*
▼ *IBM Maximo System Administrator's Guide*

Revision Installation Procedures

The following section describes the steps that you must follow to install Revision 7 of the MEA for SAP R/3 4.7 Release 5.2. Some steps refer you to subsequent sections for more detailed information.

Step 1: Process all transactions in queues

Process all outstanding transactions before installing this product revision.

For instructions how to process transactions in queues, refer to "Processing Transactions in Queues," on page 5.

Step 2: Determine your current revision level

Determine the current revision level of your MEA for SAP R/3 4.7, to know if you must apply this revision.

For details, see "Determining Your Revision Level," on page 6.

Step 3: Shut down the Maximo application server

Before you install the revision, shut down the Maximo application server.

Step 4: Back up your existing program files

Before you install the revision files into the Application Server directory (default path c:\maximo), back up the existing Maximo directory structure and files.

Step 5: Shut down the webMethods Integration Servers

Before you install the revision, shut down the webMethods™ integration servers.

Step 6: Back up your existing webMethods Integration Server directories

Before you install the revision files into the webMethods directory, back up the existing directory structure and files on your Maximo and SAP Integration Servers. The default path for webMethods version 4.6 is the following:

webMethods\IntegrationServer4

Step 7: Back up your Maximo database

To prevent any accidental loss or corruption of your data, back up your Maximo database.

Step 8: Download Maximo patch

Download the most recent Maximo patch from Support Online (support.mro.com). Follow the instructions in the corresponding revision release notes, which also are available from Support Online.

Step 9: Copy the MX52SAP47REV07.zip file

Copy the MX52SAP47REV07.zip file, which contains the most recent MEA for SAP R/3 4.7 program fix, to your Maximo Application Server directory (default path c:\maximo).

Step 10: Extract the files

Extract the files in the MX52SAP47REV07.zip file to your Maximo Application Server directory. Use folder names when you extract the files.

If you are a UNIX® customer, unzip the MX52SAP47REV07.zip file to your Maximo Application Server directory.

Step 11: Restart the webMethods Integration Servers

Restart the webMethods integration servers in order to apply the embedded zip files.

Step 12: Apply the embedded .zip files

For instructions about how to apply the embedded .zip files in this revision, see "Applying the Embedded .zip Files," on page 8.

Step 13: Perform manual updates

For instructions about how to apply the manual updates, see "Manual Updates," on page 12.

Step 14: Build and redeploy Maximo .ear files

If your version of Maximo requires .ear files, build, and redeploy your .ear files after you make the changes for this revision.

Step 15: Restart the Maximo application server

You now can restart the Maximo application server.

Processing Transactions in Queues

Process all transactions in all outbound and inbound queues before you install this product revision.

CAUTION   You cannot process any outstanding transactions after you apply the product revision.

Maximo Queues

To determine if any outstanding transactions exist in the Maximo queues, connect to the Maximo schema owner and run the following SQL statements:

```
select count(*) from mout_interdata;

select count(*) from max_interdata;

select count(*) from max_interdata_bat;
```

The tables contained in the preceding select statements should not contain any rows. That is, each count should be zero. If the counts are not zero, fix any transactions in error, and then let all records process.

webMethods Queues

To determine any outstanding transactions exist in the SAP webMethods Integration Server, view and clear transactions for all destinations in the mroRepository.

Determining Your Revision Level

Determine the current revision level of your MEA for SAP R/3 4.7 to determine if you must apply this revision and perform any related manual updates.

To determine your revision level, complete the following steps:

1 Open a command window or 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:

Operating System	Command
Microsoft® Windows®	version.bat
UNIX	./unix_shell_scripts/version.sh

Maximo displays a message like the following message:

Maximo Enterprise Adapter for SAP Release 5.2
Build SAP*nnn* *xxx*

where

xxx is a build number that you use to determine the revision level.

NOTE   If you have not yet installed any revisions, Maximo displays the following message instead:

Maximo Enterprise Adapter for SAP Release 5.2
Build SAP008

The preceding message indicates that you are at revision level 0.

If you receive this message, skip ahead to "Applying the Embedded .zip Files," on page 8. Follow the instructions in this document to install revisions in numeric order.

Revision levels later than 0 have the following build number format:

Build SAPnnn xxx

where

xxx is the build number you use to determine the revision level.

3 Find the build number in the following table and note the corresponding revision level number.

Build number from version command	Revision level
025	7

Build number from version command	Revision level
023	6
020	5
018	4
014	3
010	2
006	1

Applying the Embedded .zip Files

This section describes how to apply the .zip files that the revision contains.

Apply, in order, all .zip files with revision numbers later than your current revision. For example, if you have not applied any revision, and you want to reach Revision level 2, apply REV01, then REV02 of the .zip file.

Before you apply the revision .zip file, determine if you plan to overwrite any customizations that you made to the existing files. To do so, expand the revision .zip file to display the list of files in the .zip. If you previously customized these files, back up those files, and then reapply the customizations.

The MX52SAP47REV07.zip file contains the following .zip files:

▼   sapIntegration-REV**xx**.zip

▼   mroMxSapR3LINK-REV**xx**.zip

▼   sapUpdate-REV**xx**.zip

sapIntegration-REVxx.zip

If you previously customized any files in the sapintegration package, back up those files before you apply the sapintegration-REV**xx**.zip file. If you apply the .zip file, you might overwrite any customizations. Before you complete the following steps, verify that the version of the sapintegration package is 1.0.2. For more information, see "Revision 2," on page 13.

To apply the sapintegration-REV**xx**.zip file, complete the following steps.

1   Copy the sapintegration-REV**xx**.zip file from the Maximo sapintegration directory (default path c:\maximo\wm\sapintegration) to the Maximo Integration Server and paste it in the following directory:

   \webmethods\IntegrationServer4\replicate\inbound

2   To disable the sapintegration package, select No in the Enabled column on the Integration Server Packages>Management page.

3   Shut down and restart the Integration Server.

4   On the Integration Server Packages>Management page, select **Install Inbound Releases**.

5   Select **sapintegration-REVxx** from the **Inbound Releases** drop-down list.

6   Click **Install Release**.

7   After you install the package, reload the sapintegration-REVxx package.

8 Click the sapintegration package name from the packages list. Maximo displays the revision history, including build and revision numbers for the program fix applied.

9 To apply additional revisions, repeat steps 1 through 8 for each revision that you want to apply.

mroMxSapR3LINK-REVxx.zip

The mroMxSapR3LINK-REVxx.zip file is a package on the SAP webMethods Integration Server.

Backing up configuration files in SAP B2B

Back up *.config files before you apply the mroMxSapR3LINK-REVxx.zip file. If you apply the .zip file, you overwrite any customizations.

Back up the BatchReceive.config and IDocReceive.config files in the following default directories:

        \webmethods\IntegrationServer4\packages
           \mroMxSapR3LINK\config\BatchReceive.config

        \webmethods\IntegrationServer4\packages
           \mroMxSapR3LINK\config\IDocReceive.config

Note for Revision level 1   Revision 1 replaces the **Receive.config** file with two new configuration files:

▼   BatchReceive.config
▼   IDocReceive.config

Back up the Receive.config file in the following default directory:

        \webmethods\IntegrationServer4\packages\mroMxSapR3LINK\config

Apply the mroMxSapR3LINK-REV01.zip file to your SAP Integration Server, using the steps described in "Applying the mroMxSapR3LINK-REVxx.zip file," on page 9. When you reach step 8 of this procedure, use the parameters from your backup copy of Receive.config file to modify the BatchReceive.config and IDocReceive.config files.

For more information, see "Revision 1," on page 12.

Applying the mroMxSapR3LINK-REVxx.zip file

To apply the mroMxSapR3LINK-REVxx.zip file, use the SAP webMethods Integration Server to complete the following steps:

1 Copy the mroMxSapR3LINK-REVxx.zip file from the Maximo mroMxSapR3LINK directory (default path c:\maximo\wm\mroMxSapR3LINK) to the SAP Integration Server and paste it in the following directory:

        \webmethods\IntegrationServer4\replicate\inbound

2   To disable the mroMxSapR3LINK package, select No in the **Enabled** column on the Integration Server Packages>Management page.

3   Shut down and restart the Integration Server.

4   On the Integration Server Packages>Management page, select **Install Inbound Releases**.

5   Select **mroMxSapR3LINK-REVxx** from the **Inbound Releases** drop-down list.

6   Clear the **Activate upon installation** check box.

7   Click **Install Release**.

8   Use the parameters from your backed up ***.config** files to modify the BatchReceive.config and IDocReceive.config files. For more information, see "Note for Revision level 1," on page 9 or "Manual Updates," on page 12.

9   After you install the package successfully installed, reload the mroMxSapR3LINK package.

10 Select the mroMxSapR3LINK package name from the list of packages. The revision history displayed includes build and revision numbers for the program fix applied.

11 To enable the mroMxSapR3LINK package, select Yes in the Enabled column on the SAP Integration Server Packages>Management page.

12 To apply additional revisions, repeat steps 1 through 11 for each revision that you want to apply.

If you have only one SAP inbound destination, skip to "sapUpdate-REVxx.zip," on page 11.

Configuring multiple SAP destinations

To configure your integration to send transactions from Maximo to more than one SAP destination, complete the following steps:

1   Create and edit a duplicate copy of your sapInbound.config file for the additional SAP system destinations that you must create, for example:.

    sapInbound2.config

    For information about how to edit the sapInbound.config file, refer to the *IBM MEA for SAP R/3 4.7 Installation Guide.*

    NOTE   You need one copy of the sapInbound.config file for every SAP destination you create. For example, to create three incoming SAP destinations, you need three sapInbound.config files, each with a different name (for example, sapInbound.config, sapInbound2.config, and sapInbound3.config).

2   On the Integration Server Packages>Management page, click the mroMxSapR3LINK Home icon.

The mroMXSapR3LINK window opens.

3 Create a service. Fill in the fields as shown in the following table:

Field	Value
Name	your_service_name Example: sapInbound2
Function	sapInbound
Configuration File	your_config_file_name Example: sapInbound2.config

4 In the mroRepository, add a new destination.

For information about how to add new destinations, refer to the *IBM MEA for SAP R/3 Installation Guide*.

5 In the **Calling Service Name** field, enter the value of the new service name you just created, for example:

sapInbound2

6 In the mroRepository, modify the SAP system destination. On the Modify Destination window, change the value in the **Calling Interface Name** field to **mroMxSapR3LINK Services**.

sapUpdate-REVxx.zip

The sapUpdate-REVxx.zip file contains SAP R/3 Advanced Basic Application Programming (ABAP™) Program changes.

NOTE **If the same ABAP program exists in an earlier product revision, apply only the latest version.**

To apply the ABAP program updates, complete the following steps:

1 Extract the contents of the sapUpdateREVxx.zip file to the Application Server directory (default c:\maximo). It creates a directory under the Application Server directory: SAP-side.

2 Review the files in the SAP-side subdirectories to determine if they affect any customizations that you have implemented in your SAP R/3 system. If any files affect your customizations, change the file/ABAP program to reflect your customizations.

3 To apply additional revisions, repeat steps 1 and 2 for each revision that that you want to apply.

4 Upload the files to your SAP R/3 system.

Manual Updates

After you apply the embedded .zip files, apply the following updates manually. Note again the revision level number that corresponds to your current build number. Apply, in order, all revisions with revision numbers later than your current revision.

If you have any customized configuration files, back them up before performing any manual updates.

Revision 1

▼ **Configuration File Changes**

Revision 1 replaces the original Receive.config file in your mroMxSapR3LINK.zip file with two new configuration files:

▼ BatchReceive.config

▼ IDocReceive.config

at the following default path locations:

■ \webmethods\IntegrationServer4\packages\mroMxSapR3LINK\ config\BatchReceive.config

■ \webmethods\IntegrationServer4\packages\mroMxSapR3LINK\ config\IDocReceive.config

After installing the mroMxSapR3LINK package, modify the parameters for the IDocReceive and BatchReceive services to reflect your customization information:

▼ Use parameter values from the BATCH_C47_B2B section of the Receive.config file that you backed up to replace the values in the new BatchReceive.config file.

▼ Use parameter values from the IDOC_C47_B2B section of the Receive.config file that you backed up to replace the values in the new IDocReceive.config file.

▼ Revision 1 adds IDoc segment names to the IDocProc.config file. Use the following parameters to modify as needed the IDoc segment names section of your IDocProc.config file.

```
[IDocSegmentNames]
EDI=EDI_DC40
MARA=E1MARAM
MARC=E1MARCM
MARD=E1MARDM
MBEW=E1MBEWM
PISTY=E1PISTY
CMCC=E1CMCCO
ICSL=E1ICSL0
ICHD=E1ICHD0
ICIT=E1ICIT0
PLOGI=E1PLOGI
```

▼ **SAP_14176.zip**

The SAP_14176.zip file contains additional files for the Java version of IDocReceive and BatchReceive services.

To apply the SAP_14176.zip file, complete the following steps:

1 Copy the SAP_14176.zip file from the Maximo wm directory (default path c:\maximo\wm) to the SAP Integration Server and paste it in the following directory:

\webmethods\IntegrationServer4\replicate\inbound

2 Extract the contents of the SAP_14176.zip file to the following directory:

\webmethods\IntegrationServer4\packages\SAP

Revision 2

Verify that the version of the sapintegration package is 1.0.2 by following these steps:

1 Shut down the webMethods Integration Server.

2 Locate the manifest file at the following default location:

webmethods\IntegrationServer4\packages\sapintegration

3 If the version number in the manifest file is not 1.0.2, edit the version number as shown in the following line:

<value name="version">1.0.2</value>

4 Restart the webMethods Integration Server.

Revision 4

The transport file now includes a BAPI® (Business Application Programming Interface) add-on feature that lets you post the following processes:

- Create Goods Issue
- Create Goods Receipt
- Create MM Invoice
- Create/Update Purchase Order
- Create Purchase Requisition
- Create Reservation
- Create Workorder

To implement this feature, complete the following tasks in SAP:

1 Modify ABAP and Structure names in sapinbound.config, for example:

```
[MRCV]
Abap=Z_BC_CREATE_GRECEIPTS_BAPI
Structure=ZBC_M2S_RECEIPTS
Table=RECEIPTS
```

2 Maintain ZBC_INBPROGRAMS to set up SAP to notify users by e-mail in case of errors.

3 SAP writes errors on BAPI calls to ZBC_BAPI* tables. Use ZBC_BAPIADMIN to reprocess records after you correct any errors.

The BAPI add-on feature in Revision 4 has the following requirements specific to the creation of work orders and purchase requisitions:

▼ Create Work Order

BAPIs cannot send status information. The Create Workorder BAPI uses the default work type setting for the initial status. If you send work orders from Maximo with a status of APPR, set your work type to "release immediately," transaction KOT2_OPA.

▼ Create Purchase Requisition

Implement OSS Note 388768 to enable external line numbers.

Revision 5

Revision 5 replaces the original IDocReceive.config and BatchReceive.config files in your mroMxSapR3LINK.zip file with new versions of the same files at the following default path locations:

▼ \webmethods\IntegrationServer4\packages\mroMxSapR3LINK\config\ BatchReceive.config

▼ \webmethods\IntegrationServer4\packages\mroMxSapR3LINK\config\ IDocReceive.config

After you install the new mroMxSapR3LINK package, add the parameters and values for the IDocReceive and BatchReceive services from the backup copies of the original IDocReceive.config and BatchReceive.config files.

Issue 91443 adds the following two new optional parameters to the IDocReceive.config and BatchReceive.config files:

▼ sap.server.unicode=*your_unicode_system*

  ■ Enter 0 if you do not want to use unicode.
  ■ Enter 1 if you want to use unicode.

▼ sap.server.encoding=*your_sap_encoding_parameter*

  ■ Enter your unicode system. The default value is UTF-8.

Issue 91480 adds the following optional parameter to the BatchReceive.config file:

▼ sap.server.batch.table=*your_batch_table_name*

  ■ Enter the name of your batch table. This table contains information about functions and structures that the MEA for SAP needs in order to send batches from SAP to Maximo. The default value is ZB2B_BATCHES.

Revision 7

If you previously customized the supply.config file, back up your customized version of the file before you apply Revision 20. To implement the fix for issue 07-12558, add the following two lines to your customized supply.config:

```
##GR COST from SAP
GR.SETCOST=Y
```

Additional Product Updates

Check Support Online periodically for new product updates/program fixes. If any program fixes have a label with a revision number higher than the one you have applied, apply the latest version.

Resolved Issues

This section lists corrected issues reported for the Maximo Enterprise Adapter for SAP R/3 4.7 Release 5.2.

Revision 7

Issue	**07-12558**
Description	The MEA for SAP now provides the option to map the SAP Goods Receipt (GR) cost, instead of the Maximo purchase order cost, to the Maximo receipt cost. If you have customized the supply.config file, perform the manual update in "Revision 7," on page 15. This fix also requires you to apply the fix for MEA Issue 07-14418.
Replaced Files	psdi\iface\sap\extexit\MapRCVIn psdi\iface\sap\extexit\MaxRCVExt psdi\iface\sap\extexit\MaxAPExt psdi\iface\sap\extexit\S2MConvExit psdi\iface\sap\extexit\config\supply.config
Issue	**07-17500**
Description	The MEA for SAP now correctly divides the purchase order price by the price unit.
Replaced File	SAP-Side\function groups\ZB2B_S2M\Z_B2B_BAPI_PO_GET_DETAIL

Revision 6

Issue	**06-17557**
Description	The MEA for SAP now correctly processes inventory balances that have French or Polish regional settings.
Replaced File	\psdi\iface\sap\extexit\MaxItmExt.class
Issue	**06-18325**
Description	The MEA for SAP now fills the INVENTORY.ISSUEUNIT and INVENTORY.ORDERUNIT fields in Maximo when you send inventory from SAP to Maximo.
Replaced File	psdi\SAP-Side\programs\ZB2BREPR100
Issue	**06-19609**
Description	The MEA for SAP now maps INVBALANCES.PHYSCNT and INVBALANCES.CURBAL correctly when you send inventory balances from SAP to Maximo.
Replaced File	psdi\iface\sap\extexit\MapInventoryIn.class
Issue	**06-19610**

Description	The standard ZB2BREPR100 report, which sends Material Master Data, Balances, and Prices from SAP to Maximo, now includes the plant filter for XII (basic view) transactions by checking the MARC/MARD table.
Replaced File	\SAP-Side\programs\ZB2BREPR100

Issue	**06-19611**
Description	The standard ZB2BREPR100 report, which sends Material Master Data, Balances, and Prices from SAP to Maximo, now provides you with the option of not sending materials if they are flagged for deletion.
Replaced File	\SAP-Side\programs\ZB2BREPR100

Revision 5

Issue	**91443**
Description	The MEA for SAP now supports SAP Unicode Systems.
Replaced Files	wm\mroMxSapR3LINK\code\classes\mroMxSapR3LINKReceive\ IDocReceiveService.class wm\mroMxSapR3LINK\code\classes\mroMxSapR3LINKReceive\ BatchReceiveService.class wm\mroMxSapR3LINK\config\IDocReceive.config wm\mroMxSapR3LINK\config\BatchReceive.config

Issue	**91480**
Description	You now can change the name of the ZB2B_BATCHES table by modifying the sap.server.batch.table property in BatchReceive.config.
Replaced Files	wm\mroMxSapR3LINK\code\classes\mroMxSapR3LINKReceive\ BatchReceiveService.class wm\mroMxSapR3LINK\config\BatchReceive.config

Issue	**06-13614**
Description	When using ZB2BREPR150 to send in batch labor data to Maximo the following error occurs in Maximo B2B: iface#0003 is not a valid organization.
Replaced File	wm\sapintegration\ns\sapIntegration\SAPMaps\LABORIN\flow.xml

Revision 4

Issue	**82593**
Description	Added an SAP-side feature to enable BAPI posting of the following processes: ▼ Create Goods Issue ▼ Create Goods Receipt ▼ Create MM Invoice ▼ Create/Update Purchase Order ▼ Create Purchase Requisition ▼ Create Reservation ▼ Create Workorder

Resolved Issues

To implement these features, you need a manual configuration. See "Revision 4," on page 13.

Replaced Files   SAP-Side\transport\BAPI-AddOn\K900167.C46
SAP-Side\transport\BAPI-AddOn\R900167.C46

Issue	**83061**
Description	IDocReceive and BatchReceive programs now reconnect after restart.
Replaced Files	wm\mroMxSapR3LINK\code\classes\mroMxSapR3LINKReceive \IDocReceiveService.class
	wm\mroMxSapR3LINK\code\classes\mroMxSapR3LINKReceive \BatchReceiveService.class
	wm\mroMxSapR3LINK\config\IDocReceive.config
	wm\mroMxSapR3LINK\config\BatchReceive.config

Issue	**87266**
Description	The MEA for SAP no longer sends e-mails as frequently as it updates log files.
Replaced File	wm\mroMxSapR3LINK\code\classes\mroMxSapR3LINKProcess \LogHandler.class

Issue	**90303**
Description	The MEA for SAP now processes UTRANSTYPE XLDI for an Item long description that you send from SAP to Maximo.
Replaced File	wm\sapintegration\ns\sapIntegration\SAPMaps\LONGDESCIN\flow.xml

Revision 3

Issue	**68003**
Description	If your currency does not use decimal places, you now can store currency values with no decimal places.
Replaced Files	psdi\SAP-Side\function groups\ZB2B_S2M\LZB2B_S2MTOP
	psdi\SAP-Side\function groups\ZB2B_S2M \Z_B2B_BAPI_INVOICE_GET_DETAIL
	psdi\SAP-Side\function groups\ZB2B_S2M \Z_B2B_BAPI_MATERIAL_GET_DETAIL
	psdi\SAP-Side\function groups\ZB2B_S2M \Z_B2B_BAPI_MATMOVE_GET_DETAIL
	psdi\SAP-Side\function groups\ZB2B_S2M \Z_B2B_BAPI_PO_GET_DETAIL
	psdi\SAP-Side\function groups\ZB2B_S2M \Z_B2B_BAPI_CONTRACT_GET_DETAIL
	psdi\SAP-Side\programs\ZB2BREPR100
	psdi\SAP-Side\programs\ZB2BREPR150
	psdi\SAP-Side\programs\ZB2BSAPMACO

Issue	**72005**
Description	You now can delete all transactions simultaneously from the repository for testing purposes.
Replaced Files	wm\mroRepository\code\classes\mroRepository\configuration.class

wm\mroRepository\ns\mroRepository\configuration\deleteAllTxn
  \node.ndf
wm\mroRepository\pub\displayTransactionKeys.dsp

Issue	**74977**
Description	You now can update issue history in the Inventory application.
Replaced File	psdi\iface\sap\extexit\MapInventoryIn

Issue	**76555**
Description	You now can send company updates from SAP to Maximo with a UTRANSTYPE of XCU.
Replaced File	wm\sapintegration\config\serviceName.config

Revision 2

Issue	**65447**
Description	Maximo now can process a PO from SAP with a blocked line item.
Replaced File	psdi.iface.sap.extexit.MaxPOExt

Issue	**67374**
Description	The MEA for SAP now converts a negative cost in an incoming credit invoice to a positive cost, so that Maximo can correctly calculate the cost.
Replaced File	psdi.iface.sap.extexit.MaxAPExt

Issue	**68486**
Description	The MEA for SAP now correctly processes transactions sent from SAP to Maximo that contain Korean double byte characters.
Replaced Files	wm\mroMxSapR3LINK\code\classes \mroMxSapR3LINKProcess\Batch.class wm\mroMxSapR3LINK\code\classes \mroMxSapR3LINKProcess\CheckFileName.class wm\mroMxSapR3LINK\code\classes \mroMxSapR3LINKProcess\EROut.class wm\mroMxSapR3LINK\code\classes \mroMxSapR3LINKProcess\GoodsMovement.class wm\mroMxSapR3LINK\code\classes \mroMxSapR3LINKProcess\Material.class wm\mroMxSapR3LINK\code\classes \mroMxSapR3LINKProcess\Purchasing.class wm\mroMxSapR3LINK\code\classes \mroMxSapR3LINKProcess\Start.class wm\mroMxSapR3LINK\code\classes \mroMxSapR3LINKProcess\Utils.class wm\mroMxSapR3LINK\code\classes \mroMxSapR3LINKReceive\BatchReceiveService.class

Resolved Issues

wm\mroMxSapR3LINK\code\classes
 \mroMxSapR3LINKReceive\BatchServer.class
wm\mroMxSapR3LINK\code\classes
 \mroMxSapR3LINKReceive\IDocReceiveService.class
wm\mroMxSapR3LINK\code\classes
 \mroMxSapR3LINKReceive\IDocServer.class

wm\sapintegration\code\classes\SAPUtil.class

Issue	**69788**
Description	The MEA for SAP now synchronizes store location with inventory balance when SAP ABAP program ZB2BREP100 updates the inventory.
Replaced File	psdi.iface.sap.extexit.MaxItemExt

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Issue	**13008**
Description	Batch reports ZB2BREPR001, ZB2BREPR004, and ZB2BREPRC21 now select the company code rather than selecting the controlling area, so that batch reports do not send more data than Maximo expects.
Replaced File	SAP-Side\programs\ZB2BREPR001 SAP-Side\programs\ZB2BREPR004 SAP-Side\programs\ZB2BREPRC21

Issue	**13491**
Description	Programs now check for delivery date when SAP processes purchase orders from Maximo without a delivery date.
Replaced File	SAP-Side\function groups \ZB2B_M2S\Z_B2B_BDC_CHANGE_PURCH_ORD_R46

Issue	**14176**
Description	Additional files for Java™ version of IDocReceive and BatchReceive.
Replaced Files	wm\mroMxSapR3LINK\config\IdocReceive.config wm\mroMxSapR3LINK\config\BatchReceive.config wm\mroMxSapR3LINK\code\classes \mroMxSapR3LINKReceive\BatchReceiveService.class wm\mroMxSapR3LINK\code\classes \mroMxSapR3LINKReceive\BatchServer.class wm\mroMxSapR3LINK\code\classes \mroMxSapR3LINKReceive\IDocReceiveService.class wm\mroMxSapR3LINK\code\classes \mroMxSapR3LINKReceive\IDocServer.class wm\mroMxSapR3LINK\code\classes \mroMxSapR3LINKProcess\Batch.class wm\mroMxSapR3LINK\ns\mroMxSapR3LINKReceive \BatchReceiveService\start\node.ndf wm\mroMxSapR3LINK\ns\mroMxSapR3LINKReceive \BatchReceiveService\stop\node.ndf wm\mroMxSapR3LINK\ns\mroMxSapR3LINKReceive \IDocReceiveService\start\node.ndf

wm\mroMxSapR3LINK\ns\mroMxSapR3LINKReceive
\IDocReceiveService\stop\node.ndf

Issue	**14238**
Description	mroMxSapR3LINK package modified to encode the XML data to UTF-8 when converting from string to document.
Replaced File	wm\mroMxSapR3LINK\code\classes\mroMxSapR3LINKProcess \Utils.class
Issue	**14239**
Description	mroMxSapR3LINKProcess modified to trim spaces from numeric fields of XSI transactions from SAP to Maximo.
Replaced Files	wm\mroMxSapR3LINK\code\classes \mroMxSapR3LINKProcess\EROut.class wm\mroMxSapR3LINK\code\classes \mroMxSapR3LINKProcess\EROutUtils.class

Issue	**14303**
Description	Program Z_B2B_BAPI_INVOICE_GET_DETAIL modified to use vendor data from lines on an SAP Invoice when there is not a vendor in the Invoice header.
Replaced File	SAP-Side\programs\Z_B2B_BAPI_INVOICE_GET_DETAIL

Issue	**14304**
Description	Files modified to group multiple FI invoice lines created in SAP that reference Maximo work orders.
Replaced Files	wm\mroMxSapR3LINK\code\classes\mroMxSapR3LINKProcess \Batch.java wm\mroMxSapR3LINK\code\classes\mroMxSapR3LINKProcess \EROut.java wm\sapintegration\config\serviceName.config wm\sapintegration\ns\SAPMaps\FIINVOICEIN\flow.xml wm\sapintegration\ns\SAPRecords\FiInvoiceIn\node.ndf psdi\iface\sap\extexit\MapFIAPIn.class psdi\iface\sap\extexit\MapVarAPIn.class SAP-Side\programs\ZB2BSAPMACO SAP-Side\structures\sap_outbound.xls(sap4.7) SAP-Side\structures\ZB2B_S2M_COBATCH.txt(sap4.6)

Issue	**14704**
Description	mroMxSapR3LINK package modified to remove the slash character, "/", in host parameters of config files.
Replaced File	wm\mroMxSapR3LINK\code\classes\ini\CIniSection.class

Issue	**14812**
Description	Files modified to reset the variable holding the MicSetUtil, so that SAPPREFIXES are correct for work orders that have reservations going to multiple sites.
Replaced Files	psdi\iface\sap\extexit\SAPData.class psdi\iface\sap\extexit\MapCoaIn.class psdi\iface\sap\extexit\MapComIn.class

psdi\iface\sap\extexit\MapContractIn.class
psdi\iface\sap\extexit\MapFIAPIn.class
psdi\iface\sap\extexit\MapFIAPOut.class
psdi\iface\sap\extexit\MapGLOut.class
psdi\iface\sap\extexit\MapInventoryIn.class
psdi\iface\sap\extexit\MapISUIn.class
psdi\iface\sap\extexit\MapISUOut.class
psdi\iface\sap\extexit\MapItemsIn.class
psdi\iface\sap\extexit\MapLongDescIn.class
psdi\iface\sap\extexit\MapLPYOut.class
psdi\iface\sap\extexit\MapMMAPIn.class
psdi\iface\sap\extexit\MapMMAPOut.class
psdi\iface\sap\extexit\MapPOIN.class
psdi\iface\sap\extexit\MapPOOut.class
psdi\iface\sap\extexit\MapPRIn.class
psdi\iface\sap\extexit\MapPROut.class
psdi\iface\sap\extexit\MapRCVIn.class
psdi\iface\sap\extexit\MapRCVOut.class
psdi\iface\sap\extexit\MapRSVOut.class
psdi\iface\sap\extexit\MapVarAPIn.class
psdi\iface\sap\extexit\MapWoOut.class

Issue	**035477**
Description	If all lines of a PO are deleted or blocked in SAP, the external exit now resets the status of the Maximo PO to WAPPR.
Replaced File	psdi\iface\sap\extexit\MaxPOExt.class

Issue	**041248**
Description	Mapping in the sapIntegration package corrected for contracts data on purchase orders coming from SAP to Maximo.
Replaced File	wm\sapintegration\ns\sapIntegration\SAPMaps \CONTRACTIN\flow.xml

Issue	**62530**
Description	There are missing objects in SAP transport files.
Replaced Files	SAP-Side\transport\"dev_class and dictionary"\K900046.D47
	SAP-Side\transport\"dev_class and dictionary"\R900046.D47
	SAP-Side\transport\"function groups and reports"\K900047.D47
	SAP-Side\transport\"function groups and reports"\R900047.D47

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