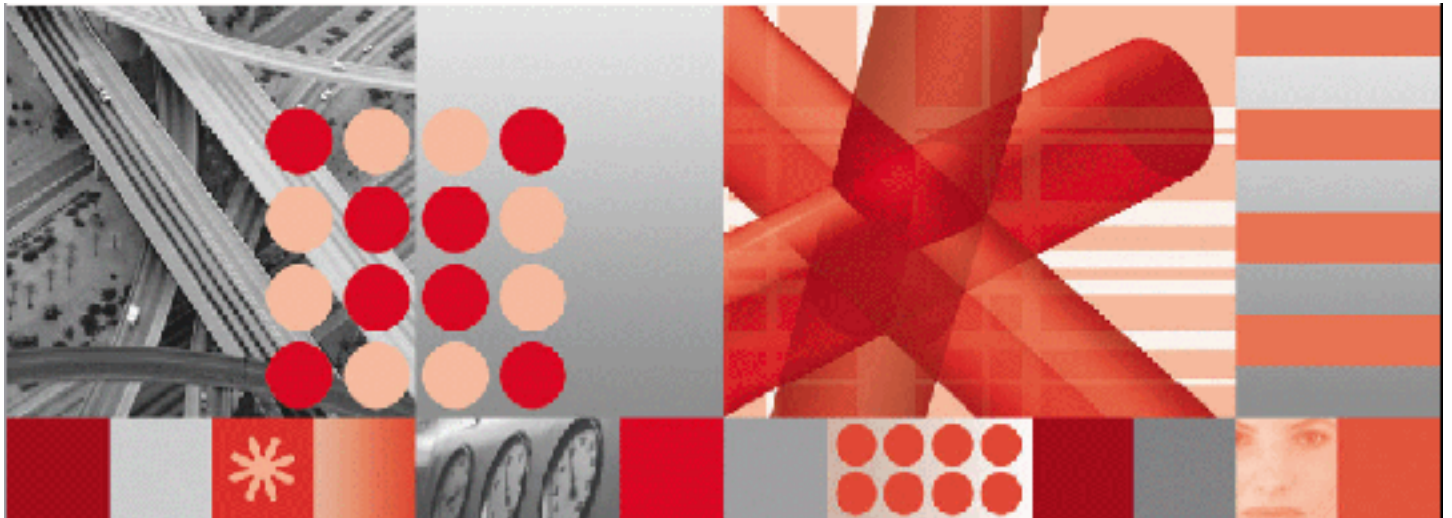


Release 2



**Release Notes  
Patch 03**

**Note**

Before using this information and the product it supports, read the information in “Notices” on page 13.

**First Edition (February 2008)**

This edition applies to Patch 03 of Release 2 of Maximo® Transportation 5.2 and to all subsequent releases and modifications until otherwise indicated in new editions.

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# About This Guide

This section explains how this guide can help you to use IBM® Maximo® Transportation 5.2. It also provides information about other IBM Corporation resources available to you, such as additional documentation and support.

This document provides an overview of this patch release and a snapshot of the current status of the product. It includes any resolved or known issues that might exist. It also lists related documentation has support information for this product.

## Audience

This guide is for the system administrator, network administrator, or other professional who deploys or who will use Patch 03 for Maximo Transportation 5.2 Release 2.

## Related Documentation

For more information about Transportation and Maximo, see the following documentation:

Document	Description
<i>Maximo User's Guide — Transportation 5.2 Release 2 Addendum</i>	The User's Guide Addendum is a separate document delivered in Adobe® Acrobat® Portable Document Format (PDF) with the product software. Use this along with the standard Maximo documentation set.
Maximo Online Help for Transportation	Provides step by step instructions for Transportation applications.
<i>Maximo Finance Manager's Guide</i>	Describes how Maximo completes financial transactions and how to set up general ledger accounts.
<i>Maximo Installation Guide</i>	Describes how to install and configure the following software: Application server Maximo Actuate®

Document	Description
<i>Maximo Multisite Administrator's Guide</i>	Describes how to configure Maximo for a Multisite implementation.
<i>Maximo System Administrator's Guide</i>	Describes database configuration, security, and other administrative level applications and tasks.
<i>Maximo Report Administration and Development Guide</i>	Describes how to design and administer Maximo reports with Actuate.
<i>Maximo User's Guide</i>	Provides an overview of the Maximo end-user applications, and describes how the Maximo applications interact with each other.
<i>Maximo Workflow Implementation Guide</i>	Provides information about using Maximo to plan, design, build, test, implement, and manage Workflow processes.
Maximo Online Help	Provides step-by-step procedures for each IBM Maximo application.

## Support

IBM Software Support provides assistance with product defects.

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# Transportation 5.2 Release 2 Patch 03 Release Notes

## About This Release

This patch release provides fixes for known issues in Maximo Transportation 5.2. Patch 03 also provides software changes that you need to upgrade to IBM Maximo for Transportation 6. You must apply Patch 03 to upgrade to Transportation 6.

## Implementing This Release

Anyone who plans to apply Transportation 5.2 Release 2 Patch 03 should read this document. To apply this patch, you need system administrator rights and privileges. This document includes important information about the steps you must complete both before and after you apply the patch.

## Purposes of Patch 03

Transportation 5.2 Release 2 Patch 03 has four purposes:

- ▼ To provide updated Transportation software based on and compatible with Patch 06 or later of core Maximo 5.2.
- ▼ To provide software improvements and fixes that address functional and usability issues identified in the initial release of Transportation 5.2 Release 2. Patch 03 contains many software and report improvements.
- ▼ To provide additional reports.
- ▼ To support upgrade of Maximo Transportation 5.2 to IBM Maximo for Transportation 6.

**NOTE** Install Maximo 5.2 Transportation Release 2 Patch 03 on base Maximo 5.2 Transportation Release 2, or on Transportation Release 2 with Patch 01 or Patch 02 installed. Transportation Release 2 Patch 03 incorporates all enhancements and additional reports that are in Transportation Release 2 Patch 01 and Patch 02.

# New Transportation Software Based on Patch 04 or Later for Core Maximo 5.2

Transportation 5.2 Release 2 Patch 03 is designed to be applied to a core Maximo system that is on Patch 04 or later of Maximo 5.2. You cannot apply Transportation 5.2 Release 2 Patch 03 to your core Maximo installation until Maximo 5.2 is running Patch 04 or later. For information about how to apply the Transportation patch to your Maximo Transportation 5.2 Release 2 installation, see “Installing Patch 03.”

## New Reports Released with Patch 03

With Transportation 5.2 Release 2 Patch 03, the rpt folder contains the new reports listed in the following table. These reports are the same additional reports that you receive with Transportation 5.2 Release 2 Patch 01 and Patch 02. Therefore, if you previously installed Patch 01 or Patch 02, do not install Actuate and the reports with Patch 03—ignore the section “Installing the Actuate Encyclopedia.”

Folder Name	Report Name	Report Description
EQUIPMNT	Equipment Depreciation Details	Lists details of the depreciation schedule settings and the depreciation schedule for the equipment record.
EQUIPMNT	Equipment Value/Condition	Lists equipment, with current condition, status, value, and costs for each piece.
EQUIPMNT	Equipment Status	Shows the current equipment status by location or equipment type
EQUIPMNT	Equipment Status History	Shows all equipment statuses for each equipment record selected.
WOTRACK	Repair Limit Exceeded	Lists work orders whose planned or actual costs have exceeded the repair cost limit amount of equipment.



# Installing Patch 03

This section describes pre-installation requirements and installation of Patch 03.

## Pre-installation Requirements

Before you install this patch, check that you meet the following pre-installation requirements:

- ▼ You have the following software on your system:
  - ▼ Maximo 5.2 Patch 06 or later
  - ▼ Maximo Transportation 5.2 Release 2
- ▼ All users have signed out of Maximo.
- ▼ All Maximo Application servers and services are stopped.
- ▼ No other programs are open.
- ▼ You have backed up both your entire <maximo> folder and your database.

**NOTE** Install Maximo 5.2 Transportation Release 2 Patch 03 on base Maximo 5.2 Transportation Release 2, or on Transportation Release 2 with Patch 01 or Patch 02 installed. Transportation Release 2 Patch 03 incorporates all enhancements and additional reports that are in Transportation Release 2 Patch 01 and Patch 02.

## Installing the Patch

You obtain the Maximo 5.2 Transportation Release 2 Patch 03 software from IBM Support Online at <http://www-306.ibm.com/software/sysmgmt/products/support/IBMMaximoforTransportation.html>.

To install the patch, complete the following steps:

- 1 Back up your local Maximo Transportation folder and database.
- 2 Shut down your Maximo instance.
- 3 Download and run the appropriate installation executable file (for example, mxtr2p3.exe for Windows) for your operating system.

If you have not installed Transportation 5.2 Release 2 and you try to install Patch 03, you receive the following error message:

“Maximo Transportation Release 2.0 Not Found”

You must install Transportation 5.2 Release 2 on the machine where you have installed Maximo 5.2 (updated to Patch 06 or later) before you can continue with this Patch 03 installation.

- 4 Follow the instructions on your screen.

Now complete the following post-installation tasks.

## Post-installation Tasks

This section provides information on how to complete the following tasks:

- ▼ Update existing files
- ▼ Run database scripts

After you run the database scripts, you must build and deploy the EAR files manually. For more information, see the *Maximo 5.2 Installation Guide*.

## Updating Existing Files

The installation program does not overwrite any files in the <maximo dir>\jsp or <maximo dir>\resources directories. Instead, it provides copies of the new files and folders.

The new files and folders are in the following directory:

<maximo>\psdi\indsolutions\transportation\_p03\examples.

### If You Have Not Changed Your Existing Files

- ▼ If you have not changed your existing files in the <maximo>\jsp directory, copy the JSP folder in <maximo>\psdi\indsolutions\transportation\_p03\examples to the Maximo root directory. This action overwrites the existing files that you must update.
- ▼ If you have not changed your existing files in the <maximo>\resources directory, copy the resources folder in <maximo>\psdi\indsolutions\transportation\_p03\examples to the Maximo root directory. This action overwrites the existing files that you must update.

### If You Have Changed Your Existing Files

- ▼ If you have changed your existing files in the <maximo>\jsp directory, you must make those same changes manually to the files in <maximo>\psdi\indsolutions\transportation\_p03\examples\jsp. After you change the files, copy them to the <maximo>\jsp directory.
- ▼ If you have changed your existing files in the <maximo>\resources directory, you must make those same changes manually to the files in <maximo>\psdi\indsolutions\transportation\_p03\examples\resources. After you change the files, copy them to the <maximo>\resources directory.

## Running Database Scripts

The database scripts create and update tables that this patch needs.

### CAUTION

If you have not backed up your database, do so now.

Use the appropriate database tool (SQL\*Plus for Oracle® or Query Analyzer for SQL Server) to run the appropriate database scripts to create and update tables as required. Connect to the database as the Maximo schema owner (for example, Maximo).

**NOTE** If you did not previously install Transportation 5.2 Release 2 Patch 01 or Patch 02, you must run all three database scripts, for example, TIS2\_P01.ora, TIS2\_P02.ora, and TIS2\_P03.ora. If you did previously install Transportation 5.2 Release 2 Patch 01 and Patch 02, run only the Patch 03 script, for example, TIS2\_P03.ora

The database scripts are in the following locations:

#### Oracle:

<maximo dir>/database/indsol/transportation/oracle/TIS2\_P01.ora

<maximo dir>/database/indsol/transportation/oracle/TIS2\_P02.ora

<maximo dir>/database/indsol/transportation/oracle/TIS2\_P03.ora

#### SQL Server:

<maximo dir>/database/indsol/transportation/sqlserver/TIS2\_P01.sql

<maximo dir>/database/indsol/transportation/sqlserver/TIS2\_P02.sql

<maximo dir>/database/indsol/transportation/sqlserver/TIS2\_P03.sql

The patch installation is now complete. At this time, you must build and deploy the EAR files. For more information, see your *Maximo 5.2 Installation Guide*.

## Building the EAR Files

Rebuild your Maximo.ear, and Maximohelp.ear files. Be sure that your Maximo.properties file is up to date before you build the EAR files. For more information about how to build EAR files, see your *Maximo Installation Guide*.

## Restarting the Application Server and Deploying the EAR Files

Restart the Maximo application server and redeploy your EAR files to make the Transportation 5.2 Release 2 Patch 03 changes available to users. For information about deploying EAR files, see your *Maximo Installation Guide*.

# Installing the Actuate Encyclopedia

This section describes how to install the Actuate Encyclopedia for your Transportation 5.2 Release 2 Patch 03 installation.

**NOTE** If you previously installed Transportation 5.2 Release 2 Patch 01 or Patch 02 and the Actuate Encyclopedia and reports, you do not need to do so again. The reports are the same in all three patches. You can ignore this section.

## Actuate Installation Checklist

The following checklist provides an overview of the installation process. Detailed instructions follow the checklist.

**CAUTION**

Perform this update in a test environment before you update your production environment.

- 1 Install Transportation 5.2 Release 2 Patch 03.
- 2 Back up your report Encyclopedia folder.
- 3 Install the reports.
- 4 Check that all the reports are in the Encyclopedia.
- 5 Modify reports.
- 6 Rebuild the acweb.ear file.
- 7 Deploy the acweb.ear file.
- 8 Grant user permissions.

## Installation Procedure

The following procedure explains how to install the Encyclopedia for Transportation 5.2 Release 2 Patch 03.

## Install Transportation

Install Transportation 5.2 Release 2 Patch 03 before you install the Actuate reports. For more information, see “Installing Patch 03.”

## Back Up the Report Encyclopedia

If you have customized any Actuate reports, back up your report Encyclopedia before installing the Release 2 Patch 03 reports.

## Install the Reports

To install the reports, complete the following steps:

- 1 Shut down your Actuate iServer.
- 2 Download the files appropriate for your operating system from the following Web site:  
<http://www-306.ibm.com/software/sysmgmt/products/support/IBMMaximoforTransportation.html>.
- 3 Start and run the appropriate reports installation program (for example, mxtr2p3r.exe for the Windows operating system).
- 4 Follow the instructions on the screen to complete the installation.

The installation program imports the Encyclopedia and restarts the iServer.

## Verify Reports and Access Privileges

To check that you have installed the Transportation 5.2 Release 2 Patch 03 Encyclopedia successfully, open the Actuate Management Console and check the settings.

The rpt folder should contain the following folders and reports:

Folder Name	Report Name	Report Description
EQUIPMNT	Cost Per Mile	Lists cost-per-mile calculations for equipment.
EQUIPMNT	Equipment List (Tr)	Lists equipment.
EQUIPMNT	Miles Per Gallon	Lists miles-per-gallon calculations for equipment.
EQUIPMNT	Equipment Warranty Coverage Detail	Lists the details of the warranty coverage for a piece of equipment.
EQUIPMNT	Equipment Warranty Coverage	Lists equipment with warranty coverage.
EQUIPMNT	Meter Change	Lists all meter change-outs for an individual piece of equipment or a group of equipment.
EQUIPMNT	Meter Summary	Lists summary of equipment meters.
EQUIPMNT	Meter Details	Lists details of equipment meters and readings.
EQUIPMNT	Meter Import	List of records currently in the meter import table and their statuses.
EQUIPMNT	Equipment Depreciation Details	Lists details of the depreciation schedule settings and the depreciation schedule for the equipment record.
EQUIPMNT	Equipment Value/Condition	Lists equipment, with current condition, status, value, and costs for each piece.
EQUIPMNT	Equipment Status	Shows the current equipment status by location or equipment type.
EQUIPMNT	Equipment Status History	Shows all equipment statuses for each equipment record selected.
INVENTOR	Inventory Transactions (Tr)	Lists inventory transactions.
INVISSUE	Fuel and Fluid Issues	Lists inventory transactions for fuels and fluids.
ITEM	Item List (Tr)	Lists items.
PLUSTASLT	Asset List	Lists asset lists.
PLUSTCLAIM	Warranty Claims List	Lists warranty claims.
PLUSTCLAIM	Warranty Claims Detail	Lists the details of warranty claims.

<b>Folder Name</b>	<b>Report Name</b>	<b>Report Description</b>
PLUSTCLAIM	Unclaimed Transactions	Lists the warrantable transactions that have not been included on a warranty claim.
PLUSTCLAIM	Vendor Warranty Performance	Lists warranties and the value received from them (number of claims, claimed amount, recovered amount, and the value of warranty repairs performed by vendors).
PLUSTCMP	Campaign Detail	Lists details of a campaign.
PLUSTCMP	Campaign Summary	Lists campaigns.
PLUSTCOMP	Component Code List	Lists component codes.
PLUSTCOUNT	Count Books	Lists details of a count book.
PLUSTCOUNT	Count Books Summary	Lists count books.
PLUSTEQTP	Equipment Template List	Lists equipment templates.
PLUSTEQWAR	Equipment Warranty List	Lists equipment warranties.
PLUSTFLBIN	Stick Reading	Lists entered stick readings.
PLUSTITWAR	Item Warranty List	Lists item warranties.
PLUSTLOGS	Log Entry Driver	Lists details of logs of drivers.
PLUSTLOGS	Log Entry State Utilization	Lists total miles driven and fuel consumed for equipment per state traveled.
PLUSTPOS	Position Code List	Lists position codes.
PLUSTQUAL	Labor Qualifications	Lists qualifications and the labor codes that hold them.
PLUSTQUAL	Qualification List	Lists qualifications.
WOTRACK	Work Order Details (Tr)	Lists details of a work order.
WOTRACK	Work Order List (Tr)	Lists work orders.
WOTRACK	Repair Orders List (Tr)	Lists transactions associated with repair orders, grouped by location, equipment type, work order status, etc. (Shows planned and actuals, or a summary of all details.)
WOTRACK	Repair Limit Exceeded	Lists work orders whose planned or actual costs have exceeded the repair cost limit amount of equipment.

# Product Issues

This section lists the resolved issues for this product patch release.

## Resolved Issues

The following table lists the issues from the previous release that have been corrected in this release. Issues that were fixed in Patch 01 or Patch 02 are incorporated in Patch 03.

Issue No.	Resolved Issue	Application
83296	Not able to changes status of work orders while running on Linux operating system. Same problem on Windows.	Work Order Tracking (Tr)
85007	Certain actions in Maximo cause the memory heap to fill up and eventually cause an out-of-memory error.	System
85857	Reconfiguring the field length of the <b>Component Code</b> field can later generate the following error: Value specified [value] exceeds the maximum field length for the equipment number attribute in the drilldown object.	Component Codes (Tr)
86307	Java.lang.exception, NullPointerException in Component Code (Tr) drilldown.	Locations (Tr), Component Codes (Tr)
87767	Java.lang., NullPointerException error when selecting reserved items in Issues and Transfers (Tr).	Issues and Transfers (Tr)
89218, 94162, 06-12202	The equipment's <b>Modified By</b> (CHANGEBY) and <b>Modified Date</b> (CHANGEDATE) fields are updated when the equipment record is retrieved, even if no data is changed.	Equipment (Tr)
89922	When you change a field such as EQNUM to length 15, the metadata for all associated fields is not being updated correctly.	System
91334	The <b>Equipment Status</b> field does not allow synonym values.	Equipment (Tr)
93243	Slow performance when you use equipment templates to create a large number of equipment records.	Equipment Templates (Tr)
95198	Work Order Tracking (Tr) crashes on save due to performance degradation.	Work Order Tracking (Tr)
06-10900	Cloned Labor (Tr) takes four-plus minutes to retrieve information when you use the Find button to search on the Qualifications field.	Labor (Tr)



<b>Issue No.</b>	<b>Resolved Issue</b>	<b>Application</b>
06-12308	MEA duplicate records in the MOUT_GL_INTEFACE.	MEA
06-12881	Under some conditions, when you try to change work order status in Work Order Tracking (Tr), nothing happens. No dialog box opens.	Work Order Tracking (Tr)
06-13294	Cannot issue reserved items with a task ID specified to the work order from Issues and Transfers (Tr).	Issues and Transfers (Tr)
06-15019	You can save an Inventory Counting (Tr) record that does not have any line items.	Inventory Counting (Tr)
06-16739, 06-18679	On an internal PO for a rotating item, the Inspection Required? flag can be set incorrectly.	Purchase Orders (Tr)
06-16740	In Issues and Transfers (Tr), when you transfer out a rotating item, the select value list does not show the item information.	Issues and Transfers (Tr)
06-16923	When you try to receive a direct issue item for a work order, you can get the following incorrect error message: "Receipt failed to be created for selected row 1. Equipment is invalid equipment as it no longer exists."	Receiving (Tr)
06-17143	You receive a null error when you generate a work order from a PM on which the job plan materials have zero quantities.	Work Order Tracking (Tr)
06-17144	Imported meter readings d not roll down from parent to child equipment.	Equipment (Tr)
06-18477	No rotating equipment found on Select Value dialog box in Issues and Transfers (Tr) after you upgrade to Transportation Release 2.	Issues and Transfers (Tr)
06-19286	Synonym status for Equipment (Tr) appears in list, but once selected, the status value reverts to the original value.	Equipment (Tr)
06-19560	In Work Order Tracking (Tr), doing an issue type of Return to inventory does not correctly adjust the current balance in Inventory (Tr).	Inventory (Tr), Work Order Tracking (Tr)
06-20971	After you install the hotfix for Issue #06-19286, both the synonym and original status are removed from the list when either status is selected.	Equipment (Tr)



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