

# Maintenance Manager Release Notes v4.5.0.0 Fix 7

## Introduction

This document defines the changes made to the Maintenance Manager product for fix release v4.5.0.0 Fix 7 and is specifically targeted at end users.

After reading through this document, should you have any further training or consultancy requirements then please contact your **Bentley** account manager.

## Fix Details

Baseline Release	4.5.0.0
Fix Description	<p>Maintenance Manager 4.5.0.0 Fix 7 Patchset.</p> <p>MAI3800:</p> <ul style="list-style-type: none"><li>- Save change message with no changes</li><li>- Change of contract on WO causes locking</li></ul> <p>MAI3801:</p> <ul style="list-style-type: none"><li>- WO creation via locator locking</li></ul>
Prerequisites	
Implementation Instructions	<p>Unzip mai_4500_fix5.zip to a staging folder.</p> <p>Go to the relevant exor\bin directory on the Oracle Weblogic Server and rename the following files:-</p> <p>mai3800.fmx to mai3800_old.fmx mai3801.fmx to mai3801_old.fmx</p> <p>Then copy in the new versions of the files from the staging folder.</p> <p>Log onto SQL*PLUS as the Highways Owner with the staging folder as the working directory. At the prompt type "START mai_4500_fix7.sql" and press return.</p> <p>run mai_4500_wo_cost_update.sql as specified in the 'Upgrade Script' section, below</p> <p>Exit SQL*PLUS.</p>
Limitations	None known
Configuration Information	None
How To Test	Recommend full regression test
Rollback Strategy	Initially implement on a test environment

## List of Amended Files

Filename	Version
log_mai_4500_fix7.sql	3.0
mai3800.fmx	5.9.1.0
mai3801.fmx	5.4
mai_4500_fix7.sql	3.0
mai_4500_wo_cost_update.sql	3.0

## Upgrade Script

As detailed in Task 0112018/Support Log 8001373334, below, WO costs may have been incorrectly overwritten. A script has been provided to indicate any Work Orders that may have been affected, and allow for the Work Order costs to be updated to the correct values.

Run the script as follows:

- Log onto SQL\*PLUS as the Highways Owner with the staging folder as the working directory.
- At the prompt type "START mai\_4500\_wo\_cost\_update.sql " and press return.  
The following prompt will be returned:

Do you want to run in Update mode (Y/N) :

Entering 'N' will run the script in report mode, reporting any Work Orders where the sum of the BOQ costs do not correspond with the WO Costs, the results will be reported in a file of the format mai\_4500\_wo\_cost\_update\_DDMMYYYY.txt.

Where a mismatch has been found for a WO, details will be reported as follows:

```
Updating Work_order_no = RM1/61278
OLD: act cost = 0 est cost = 246 est labour = 0 act balance sum = 0 est balance sum = 0
NEW: act cost = est cost = est labour = act balance sum = 0 est balance sum = 0
```

Where a mismatch has been found, but the WOL totals do not correspond with the sum of the BOQ values for a Work Order, this will be reported as follows, and the Work Order will not be updated. Further investigation will be required:

```
Work Order RM1/61279 NOT UPDATED : WOL/BOQ totals mismatch for WOL ID: 505438
boq act cost = 4 boq est cost = 4 boq est labour = .01
wol act cost = 4 wol est cost = 1 wol est labour = .01
```

- Once you are happy with the updates that are to be performed. The script can be run again, in update mode.

At the prompt type "START mai\_4500\_wo\_cost\_update.sql " and press return.  
The following prompt will be returned:

Do you want to run in Update mode (Y/N) :

Entering 'Y' will update the Work Order totals. The details will not be committed, until COMMIT; Is entered at the prompt. Entering ROLLBACK; at the prompt will roll back any updates. A new output file of the format mai\_4500\_wo\_cost\_update\_DDMMYYYY.txt. will be produced, detailing the updates.

- To ensure all updates have been successful, running again in report mode, should create a new output file, which should not report any updates

## Log No. Summary

This chapter summarises all software changes that have been made in this release.

These changes are derived from the following sources,

- Issues raised by Customers via Bentley Support
- Issues raised internally by Bentley

### Issues

Internal Task ID	Issue	Support Log(s)
0112018	Under certain circumstances, when a user queries Work Order Details, scrolling through the returned list and pressing 'Exit' will result in a 'Do you want to save changes' message. Pressing 'Yes' can result in some of the Work Order costs being overwritten by values from previously queried Work Orders. MAI3800 has been modified to resolve this, and a script has been provided to correct any invalid Work Order costs.	8001373334 8001478555
0112238	In Raise Work Orders form (MAI3801), if a user leaves the Budget LOV active without choosing details, it can prevent other users from creating Work Orders. To overcome the chance of users locking each other out, details are now committed once a budget has been selected. The resulting Dialogue presented after choosing a budget now only includes an OK button, presenting the user with the Work Order created, once pressed.	8001385606
0112264	In MAI3800, if the contract is changed on a Work Order, until the change is committed other users may experience locking when trying to create Works Orders for the same contract. MAI3800 has been modified to commit details after a contract change has been made	