

Maintenance Manager

Release Notes v4.3.0.0 Fix 6

Introduction

This document defines the changes made to the Maintenance Manager product for fix release v4.3.0.0 Fix 6 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	4.3.0.0
Fix Description	Maintenance Manager 4.3.0.0 Fix 6 Patchset.
Prerequisites	
Implementation Instructions	<p>Unzip mai_4300_fix6.zip to a staging folder.</p> <p>Go to the relevant exor\bin directory on the Oracle Application Server and rename the following files:-</p> <p>mai3856.fmx to mai3856_old.fmx</p> <p>Then copy in the new version of this file 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_4300_fix6.sql" and press return.</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_4300_fix6.sql	3.0
mai3856.fmx	4.5
mai_4300_fix6.sql	3.0
v_mai3856_woc.vw	3.0
v_mai3856_wol.vw	3.0

Software Changes

Introduction

The Payment Approval form (MAI3856) has been enhanced to include additional detail, and functionality, to help users make informed decisions when carrying out the approval process.

A brief summary of the changes is as follows:

- Additional fields have been added to the Work Order Lines tab, these include
 - Road Description
 - Work Order Originator details
 - Work Order Authoriser Details
 - Original Estimate of the work
 - The percentage difference between the estimate and total value of the work.
- When querying data, the form will initially be restricted to current data by default, with an option to view all data.
- When entering a query in either the Invoices or Work Order Lines tab, the query will apply to both tabs. For example, if the query is restricted to display details for a Work Order in one of the tabs, both tabs will be restricted to display details for that Work Order.
- Both the Invoices and Work Order Lines tabs have been modified to include 'Order By' buttons at the top of the main column details, allowing for data returned to be ordered by the column where the button has been pressed.
- A Navigator button has been included in both tabs to allow for the Navigator module to be called, displaying details for the currently selected Work Order.

Screen Changes

Additional Fields

Fields have been added to the Work Order Lines tab to give the user more information, but with minimum changes to the layout of the form.

The Road Description field has been added next to the Road Id fields as shown below:

The screenshot shows a software application window titled "Payment Approval form - MAI3856 - DORSET@maidev44.EXDL18 MAI v4.4.0.0". The window has three tabs: "Invoices" (selected), "Work Order Lines", and "Additional Fields". A red arrow points from the "Additional Fields" tab to the "Description" column in the "Work Order Lines" grid. The "Work Order Lines" grid displays a list of work orders with columns: Works Order, Road Id, Description, Defect, Schedule, Status, Completed, and Inv. The "Additional Fields" tab contains a "Payments" section with columns: WOL Id, Claim Value, Payment Id, Value, Payment Date, Claim Date, FIS Reference, Fin. Year, Appr'd, Held, and Paid. The "Payments" section includes a series of radio buttons for each row.

Works Order	Road Id	Description	Defect	Schedule	Status	Completed	Inv
JB_TEST/11	1200A30 N/0032	JCT B3092, EAST-STOUR, TO JCT C106, TO STOUR RC			PART PAID		A
JB_TEST/12	1200A3052/0014C	JCT FAIRFIELD ROAD, LYME REGIS, TO LYME REGIS			PART PAID		A
JB_TEST/17	1200C915/00933	SUTTON ROAD - JCT PLAISTERS LANE TO JCT A353, A	361520		COMPLETED	24-FEB-2010	O
JB_TEST/18	1200A35 X/00714	GROVE ROAD R/A, CHRISTCHURCH	361521		COMPLETED	24-FEB-2010	O
JB_TEST/18	1200A35 X/00714	GROVE ROAD R/A, CHRISTCHURCH	361521		COMPLETED	24-FEB-2010	O
JB_TEST/25	1200A30 N/0039	HALF MOON R/A, SHAFTESBURY	361522		COMPLETED	25-FEB-2010	O
JB_TEST/26	1200A30 N/0039	HALF MOON R/A, SHAFTESBURY	361522		COMPLETED	25-FEB-2010	O
JB_TEST/27	1200C907/00905	ELWELL STREET - JCT B3159 TO JCT DORCHESTER F	361523		COMPLETED	25-FEB-2010	O
JB_TEST/28	1200C907/00905	ELWELL STREET - JCT B3159 TO JCT DORCHESTER F	361523		COMPLETED	25-FEB-2010	O
JB_TEST_2/1	1200A353 P/0093	KING STREET - ESPLANADE MINI R/A TO KING'S R/A,			COMPLETED	04-APR-2008	O

Payments											
WOL Id	Claim Value	Payment Id	Value	Payment Date	Claim Date	FIS Reference	Fin. Year	Appr'd	Held	Paid	
474206	500.00										

A scroll bar has been added to accommodate the remainder of the user and cost information, with the Work Order column remaining anchored for context, when scrolling through the additional details.

The screenshot shows the 'Additional Fields' section of the Payment Approval form. A red arrow points to the 'Additional Fields' header. Another red arrow points to a scroll bar located below the data grid. The data grid contains columns for Works Order, My Actual, Estimated, Difference, %Diff, Balance, Pd to Date, Originator, and Authoriser. The 'Payments' section is also visible at the bottom.

Works Order	My Actual	Estimated	Difference	%Diff	Balance	Pd to Date	Originator	Authoriser
JB_TEST/11	A 600	1200	-600	-50	0	600	SYS SYSTEM ADMINISTRATOR	SYS
JB_TEST/12	A 600	2400	-1800	-75	0	600	SYS SYSTEM ADMINISTRATOR	SYS
JB_TEST/17	O 500	500	0	0	0	500	O SYS SYSTEM ADMINISTRATOR	SYS
JB_TEST/18	O 200	200	0	0	0	200	O SYS SYSTEM ADMINISTRATOR	SYS
JB_TEST/18	O 400	400	0	0	0	400	O SYS SYSTEM ADMINISTRATOR	SYS
JB_TEST/25	O 200	200	0	0	0	200	O SYS SYSTEM ADMINISTRATOR	SYS
JB_TEST/26	O 500	750	-250	-33	500	0	SYS SYSTEM ADMINISTRATOR	SYS
JB_TEST/27	O 600	600	0	0	600	0	SYS SYSTEM ADMINISTRATOR	SYS
JB_TEST/28	O 1950	1950	0	0	1950	0	SYS SYSTEM ADMINISTRATOR	SYS
JB_TEST_2/1		1128.18		-100		0	SYS SYSTEM ADMINISTRATOR	SYS

The screenshot shows the 'Additional Fields' section of the Payment Approval form. A red arrow points to the 'Additional Fields' header. Another red arrow points to a scroll bar located below the data grid. The data grid contains columns for Works Order, Balance, Pd to Date, Originator, and Authorised By. The 'Payments' section is also visible at the bottom.

Works Order	Balance	Pd to Date	Originator	Authorised By
JB_TEST/11	-50	0	600 SYS SYSTEM ADMINISTRATOR	SYS SYSTEM ADMINISTRATOR
JB_TEST/12	-75	0	600 SYS SYSTEM ADMINISTRATOR	SYS SYSTEM ADMINISTRATOR
JB_TEST/17	0	500	0 SYS SYSTEM ADMINISTRATOR	SYS SYSTEM ADMINISTRATOR
JB_TEST/18	0	200	0 SYS SYSTEM ADMINISTRATOR	SYS SYSTEM ADMINISTRATOR
JB_TEST/18	0	400	0 SYS SYSTEM ADMINISTRATOR	SYS SYSTEM ADMINISTRATOR
JB_TEST/25	0	200	0 SYS SYSTEM ADMINISTRATOR	SYS SYSTEM ADMINISTRATOR
JB_TEST/26	-33	500	0 SYS SYSTEM ADMINISTRATOR	SYS SYSTEM ADMINISTRATOR
JB_TEST/27	0	600	0 SYS SYSTEM ADMINISTRATOR	SYS SYSTEM ADMINISTRATOR
JB_TEST/28	0	1950	0 SYS SYSTEM ADMINISTRATOR	SYS SYSTEM ADMINISTRATOR
JB_TEST_2/1	-100		0 SYS SYSTEM ADMINISTRATOR	SYS SYSTEM ADMINISTRATOR

Data Retrieved

Two radio buttons have been introduced, one to display all data and one to display current data i.e. excluding works that have been 'Paid' or superseded and 'Held'.

The screenshot shows the filtering options for the data grid. It includes radio buttons for 'Current lines' and 'All Lines'.

The radio buttons will apply to both the Invoices and Work Order Lines tabs.

Data Retrieved

When a query is entered into either the Invoices or Work Order Lines tabs, both tabs will be synchronised to contain the appropriate data in each tab relating to the query entered.

Ordering Data

Once some data has been queried back into the form the user may select the 'Order By' buttons at the top of each column to order the data either ascending or descending within the column.

Works Order	Road Id	Description	Defect	Schedule	Status	Completed	Inv
JB_TC3T/11	1200A30 N/0052	JCT B3092, EAST STOUR, TO JCT C106, TO STOUR RC			PART PAID		A
JB_TEST/12	1200A3052/00145	JCT FAIRFIELD ROAD, LYME REGIS, TO LYME REGIS			PART PAID		A
JB_TEST/17	1200C915/00933	SUTTON ROAD - JCT PLAISTERS LANE TO JCT A353, 1	361520		COMPLETED	24-FEB-2010	O
JB_TEST/18	1200A35 X/00714	GROVE ROAD R/A, CHRISTCHURCH	361521		COMPLETED	24-FEB-2010	O
JB_TEST/18	1200A35 X/00714	GROVE ROAD R/A, CHRISTCHURCH	361521		COMPLETED	24-FEB-2010	O
JB_TEST/25	1200A30 N/0039	HALF MOON R/A, SHAFTESBURY	361522		COMPLETED	25-FEB-2010	O
JB_TEST/26	1200A30 N/0039	HALF MOON R/A, SHAFTESBURY	361522		COMPLETED	25-FEB-2010	O
JB_TEST/27	1200C907/00905	ELWELL STREET - JCT B3159 TO JCT DORCHESTER F	361523		COMPLETED	25-FEB-2010	O
JB_TEST/28	1200C907/00905	ELWELL STREET - JCT B3159 TO JCT DORCHESTER F	361523		COMPLETED	25-FEB-2010	O
JB_TEST_2/1	1200A353 P/0093	KING STREET - ESPLANADE MINI R/A TO KING'S R/A,			COMPLETED	04-APR-2008	O

Payments

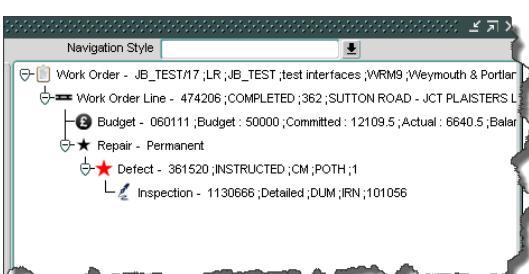
WOL Id	Claim Value	Payment Id	Value	Payment Date	Claim Date	FIS Reference	Fin. Year	App'd	Held	Paid
474206	500.00							<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
								<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
								<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
								<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
								<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
								<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Navigator

The Navigator button



has been added to the form, to display the Work Order Line, and all associated data providing the user has the appropriate permissions. For example:



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)
0111360	There is a requirement by the customer to add additional fields, and functionality, to the Payment Approval form (MAI3856)	