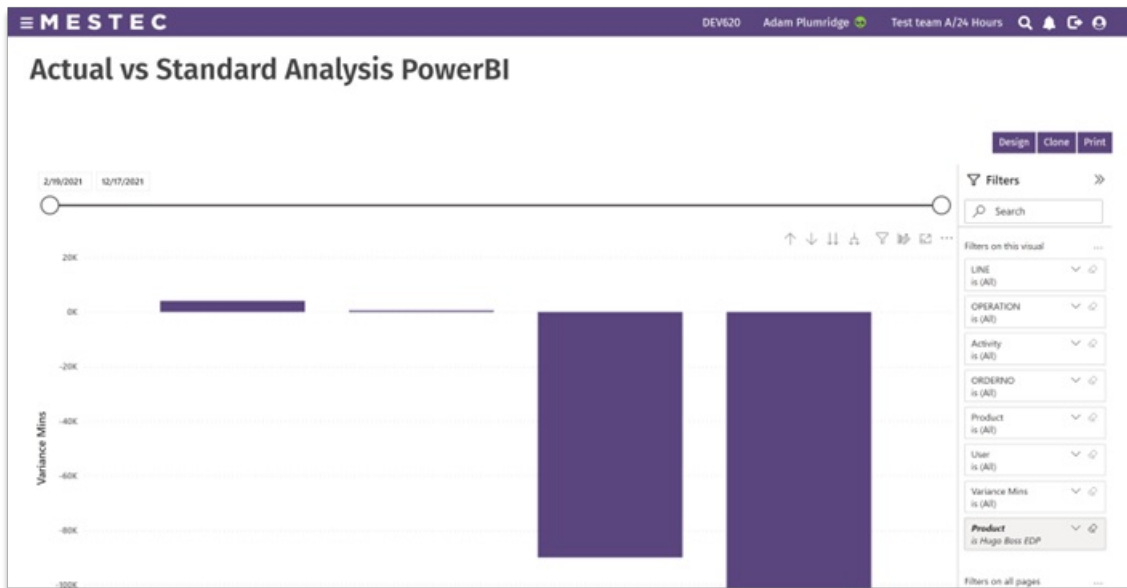


6.3.0

16/04/2024 11:43 am BST

PowerBI Migration Complete

In version 6.3.0 Microsoft SQL Server Reporting Services has been obsolete and replaced with PowerBI dashboards and paginated reports. Along with the major technical enhancements of modernising existing reports, PowerBI users will be able to create new and/or customise out-of-box dashboards and reports.



Improved Platform Scaling and Performance

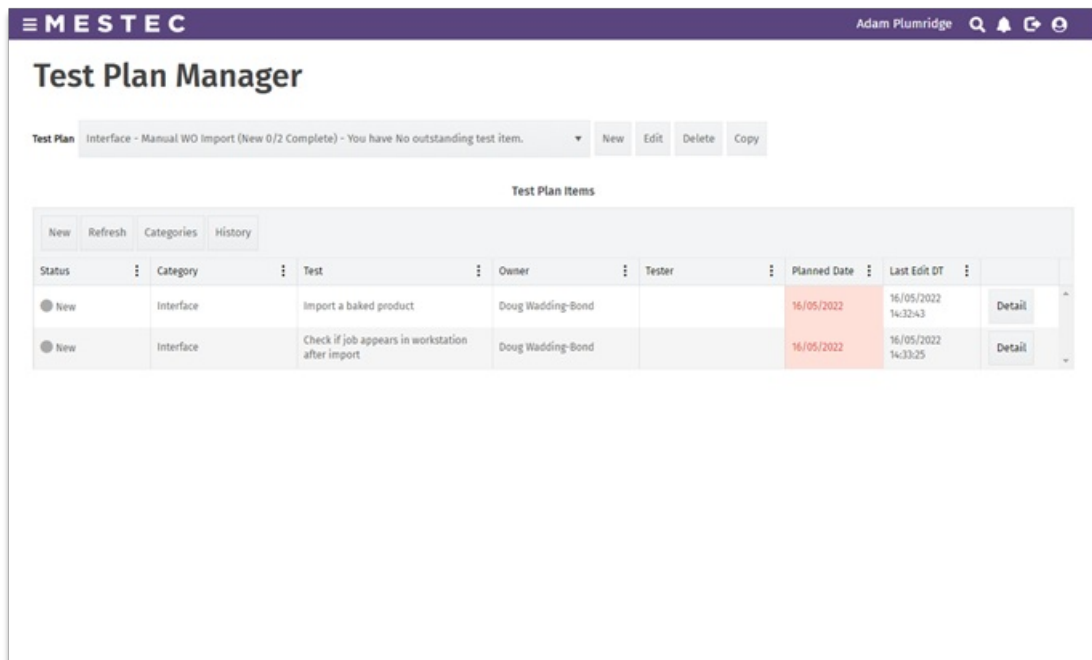
Our latest round of platform changes sees improvements to peak-time performance resourcing. The high availability architecture now automatically scales up at peak demand points during the day. Along with this, application performance improvements for screen and data loading see an all-round performance increase of 50%.

Integrators/Connectors

The latest MESTEC release sees the introduction of 'Integrators'. This technology allows MESTEC to rapidly create new interfaces with other 3rd party applications such as NetSuite and SapByDesign.

Upgrade Test Plans Feature

Version 6.3.0 sees the introduction of the Test Plan Manager. Initially introduced to help with QA and modelling test plans for testing scenarios during application upgrades, this feature can be used for managing other QA scenarios within the business.

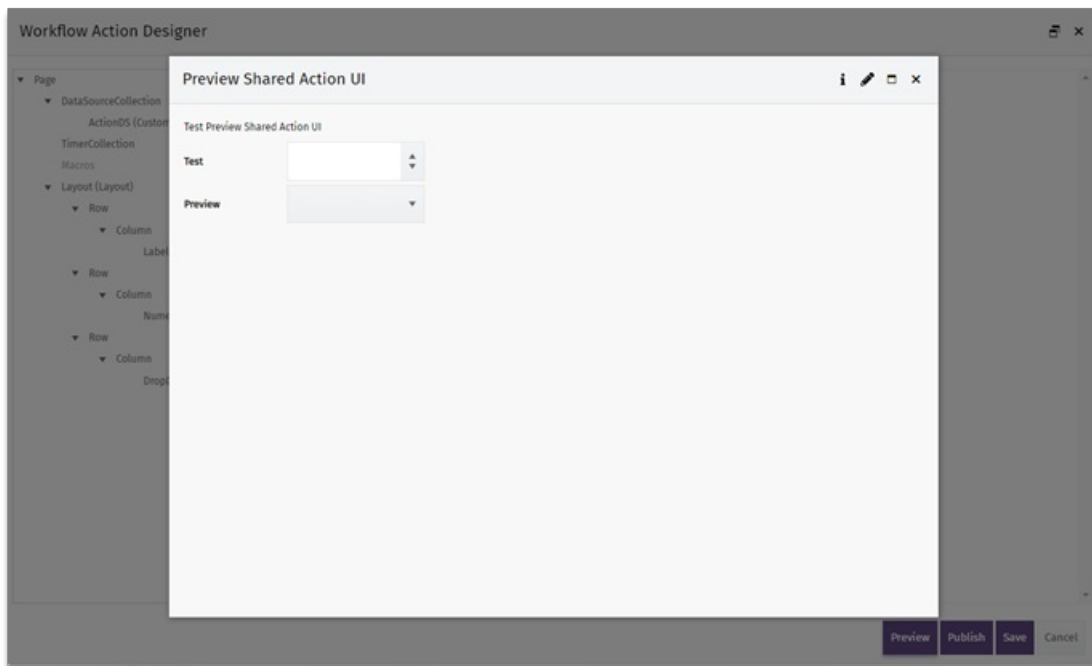


Asynchronous Tasks Closed on Job Completion

From 6.3.0 asynchronous tasks will now be automatically closed on the completion of the works order.

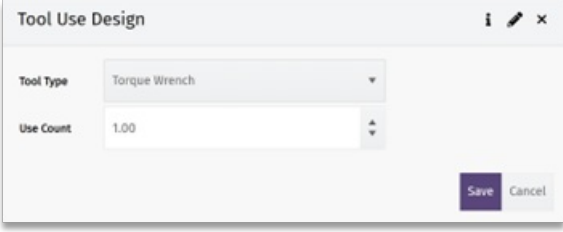
Shared Actions Preview

Following feedback from customers we have now introduced the capability to 'Preview' actions from the action designer. This will allow the user designing the action to clearly understand how the action will appear to the operator.



Tool Usage Tracking

MESTEC workflow configuration now allows for 'Tool Use' actions to be modelled within the routing.



The image shows a software dialog box titled "Tool Use Design". It contains two main fields: "Tool Type" with a dropdown menu currently showing "Torque Wrench", and "Use Count" with a text input field containing "1.00". At the bottom right of the dialog, there are two buttons: "Save" and "Cancel". The dialog also has standard window controls (info, edit, close) in the top right corner.

Complete Workstation Operations via IoT

Enhanced IoT engine capabilities now allow for inbound IoT messages to trigger operation completions within MESTEC via MQTT. This opens the door for secure integration with 3rd party devices either externally or on the shopfloor via IoT.

Smart Tool Integration

MESTEC 6.3.0 sees the introduction of Smart Tool integration through IoT. Bidirectional communication through MQTT allows MESTEC to interact with shop-floor tools directly. Real-time data capture allows users and MESTEC to monitor and respond to machine updates immediately. Smart tool integration also allows MESTEC to control/configure the shop-floor tools to perform workflow configured actions.

Inbound and Output Integration Requests Now Logged

Combined with the new 'Connectors' development, inbound and outbound communication requests with 3rd applications are now logged and viewable in Integration Logs. This provides more transparency over communications for general investigation and fault finding.

Label Printers Can Now Be Disabled

The MESTEC web application now allows users to disable label printers.

Planned Operation End Date Added To Workstation

The workstation now includes the planned operation date (if configured) against the work-to list.

Workstation Home Screen Adheres to Button Profile

The buttons on the MESTEC Workstation home screen now adheres to the assigned button profile.

Build Screen Suggestions Include Location

The build screen in the MESTEC workstation now includes material locations next to the suggested material to be consumed.

Complex Split Performance Improvements

Complex BOM Performance Improvement

The material split function has been re-architected to deal with complex BOMs more efficiently and now sees speed improvements of at least 50%.

New Picking Functionality

MESTEC 6.3.0 introduces the capability model the kitting process against the workflow for the product. This allows shop-floor users to assign stock items to a job while they are being collected on the shop floor. The intuitive user interface provides the user with information such as quantity required, quantity kitted and suggested stock location. Once items are kitted they are restricted for use against that specific job and will appear as the first suggested material during the build process.
