

PAPER-LESS

MANUFACTURING EXCELLENCE THROUGH SOFTWARE

PAPER-LESS MES/MV2

5.4.13 RELEASE INFORMATION

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PURPOSE

The purpose of this document is to outline the major enhancements and change requests made to the latest Paper-Less release. Prior to performing any upgrades, please review the Paper-Less Hardware and Software Requirements documentation to ensure your system meets the latest recommended requirements. If you have any questions, please contact the Paper-Less Help Desk at: technical.support@paperlessllc.com or 888-473-0800.

NEW FEATURES & ENHANCEMENTS

- Improved the Configure Workcenter page under Application Common - Workcenters, by adding the ability to filter the Workcenter list by Name and/or Description.

Before:

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Work with Application Administration

Actions

Settings

Application Common

- Cells
- Container Type Groups
- Container Types
- Defect Codes
- Equipment
- Item Categories
- Sites
- Suppliers
- Units of Measure
- Workcenters

Control Plan

Content

Edit/View Application Administrative Settings

Workcenters allows the Workcenter list obtained from the ERP system to have additional MES properties associated with each workcenter.

Configure Workcenter

Rows: 100

Name	Description
3000	ASSEMBLY
8000	PACKAGING
9000	INSPECT
ASEM	ASSEMBLY
ASEM1	ADDITIONAL ASSEMBLY
ASEM2	FINAL ASSEMBLY
ASEM3	FINAL ASSEMBLY 3
ASEM4	FINAL ASSEMBLY 4
ASEM5	FINAL ASSEMBLY 5
ASEM6	FINAL ASSEMBLY 6
ASEM7	FINAL ASSEMBLY 7
ASEM8	FINAL ASSEMBLY 8
ASEM9	FINAL ASSEMBLY 9
CELL1	LEAN CELL
FABR	FABRICATION
FABR1	FABRICATION FACILITY FOR WORKING ON PART
IND1	Indirect Time reporting
IND2	Indirect Time reporting
LASER	LASER CUTTING
LINE1	ASSEMBLY LINE 1
LINE2	ASSEMBLY LINE 2
LINE3	ASSEMBLY LINE 3
OFF	ASSEMBLY (On & Off Required)
OFF1	ASSEMBLY - OFF REQUIRED ON OPTIONAL
OFF2	ASSEMBLY - OFF ONLY

After:

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Work with Application Administration

Actions

Settings

Application Common

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- Units of Measure
- Workcenters

Control Plan

Content

Edit/View Application Administrative Settings

Workcenters allows the Workcenter list obtained from the ERP system to have additional MES properties associated with each workcenter.

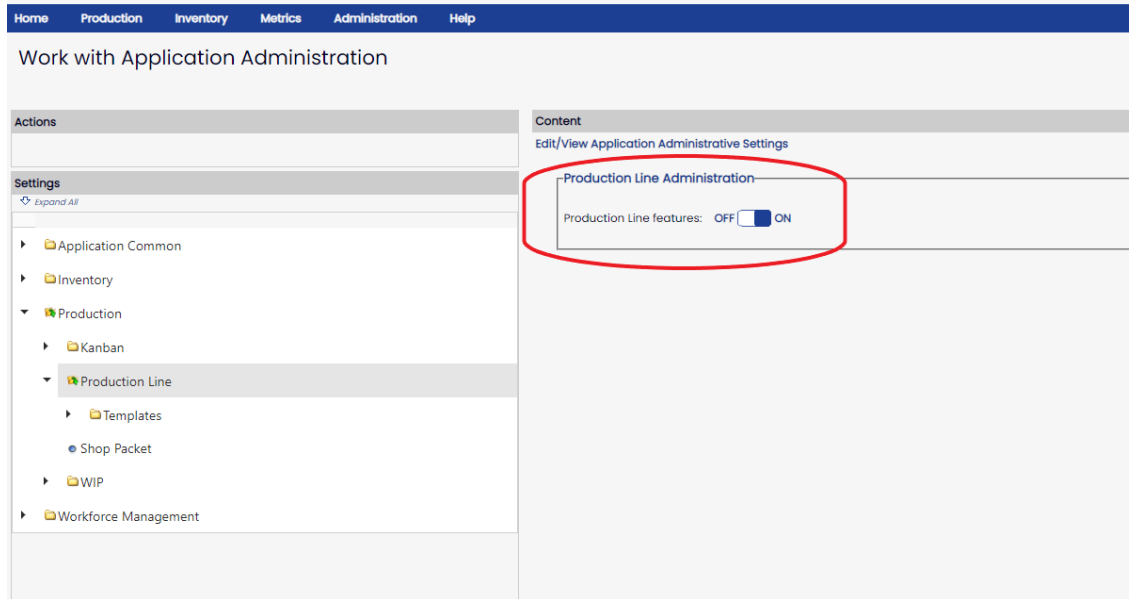
Configure Workcenter

ASEM

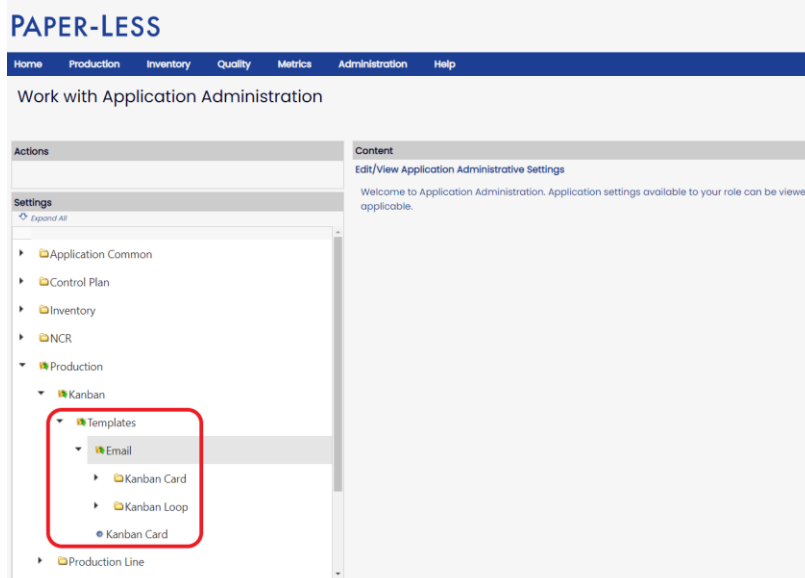
Name	Description
ASEM	ASSEMBLY
ASEM1	ADDITIONAL ASSEMBLY
ASEM2	FINAL ASSEMBLY
ASEM3	FINAL ASSEMBLY 3
ASEM4	FINAL ASSEMBLY 4
ASEM5	FINAL ASSEMBLY 5
ASEM6	FINAL ASSEMBLY 6
ASEM7	FINAL ASSEMBLY 7
ASEM8	FINAL ASSEMBLY 8
ASEM9	FINAL ASSEMBLY 9

- Updated the product to hide the Kanban application when it is not licensed.
- Updated the product to hide the Quality application when it is not licensed.
- Added the ability to turn Production Line feature On/Off, and updated the product to hide Production Line when it is turned off.

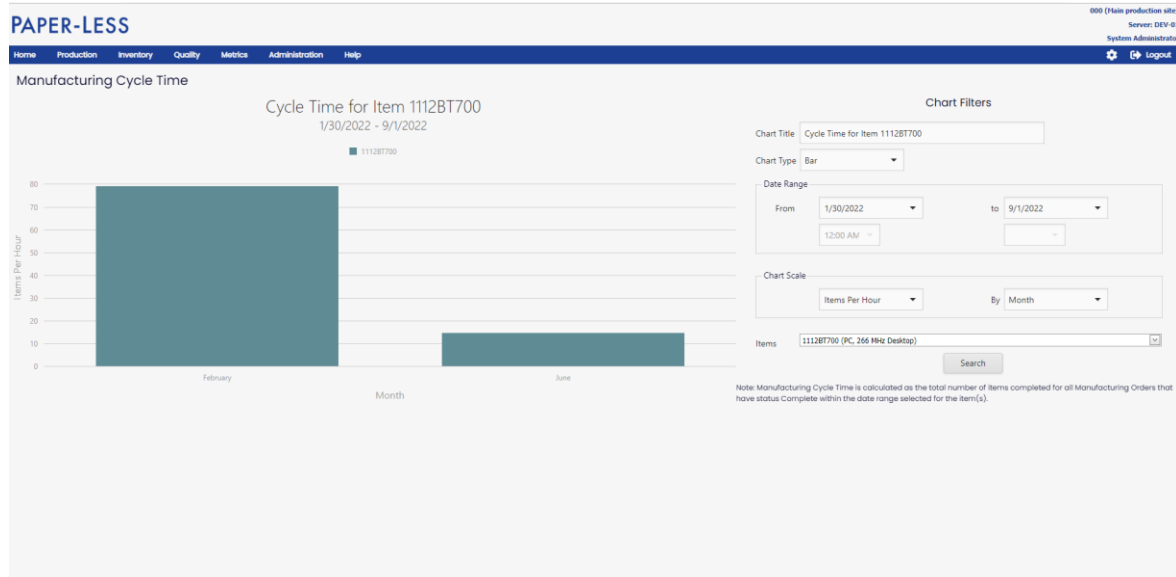
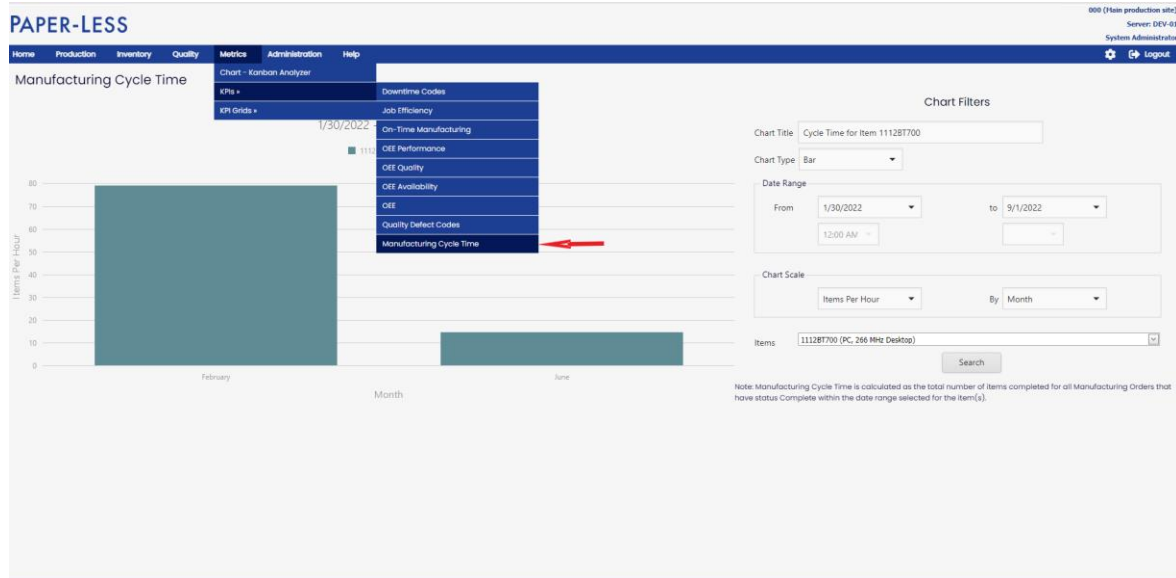
PAPER-LESS



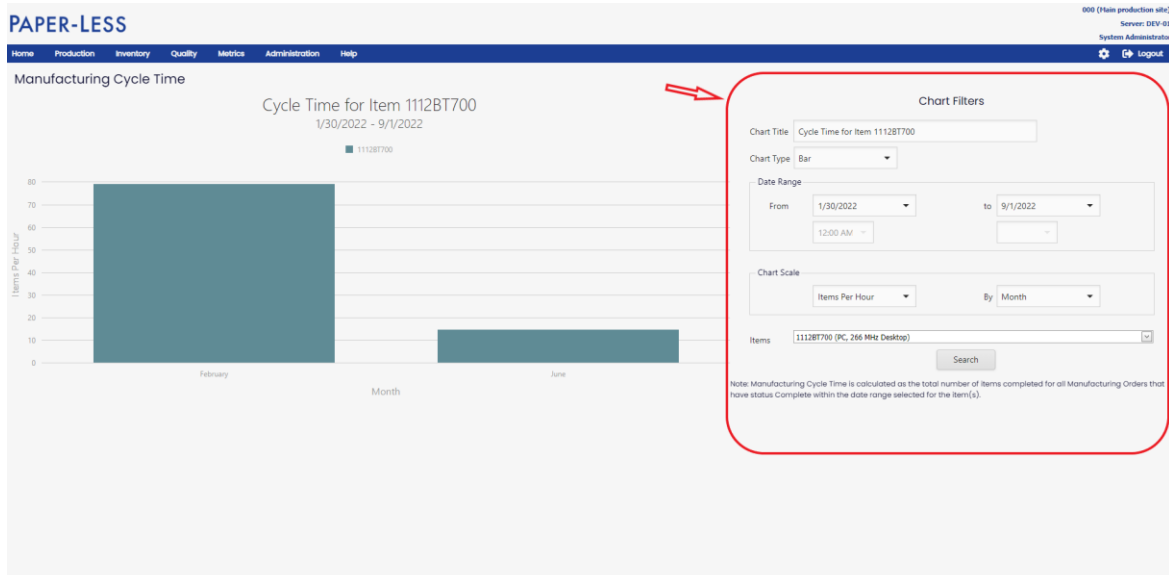
- Updated brand logos on all Portal pages in the product and references within Help About to match MV2 product installed.
- Hid the configuration options for Kanban Email Templates when Kanban Application is turned off.



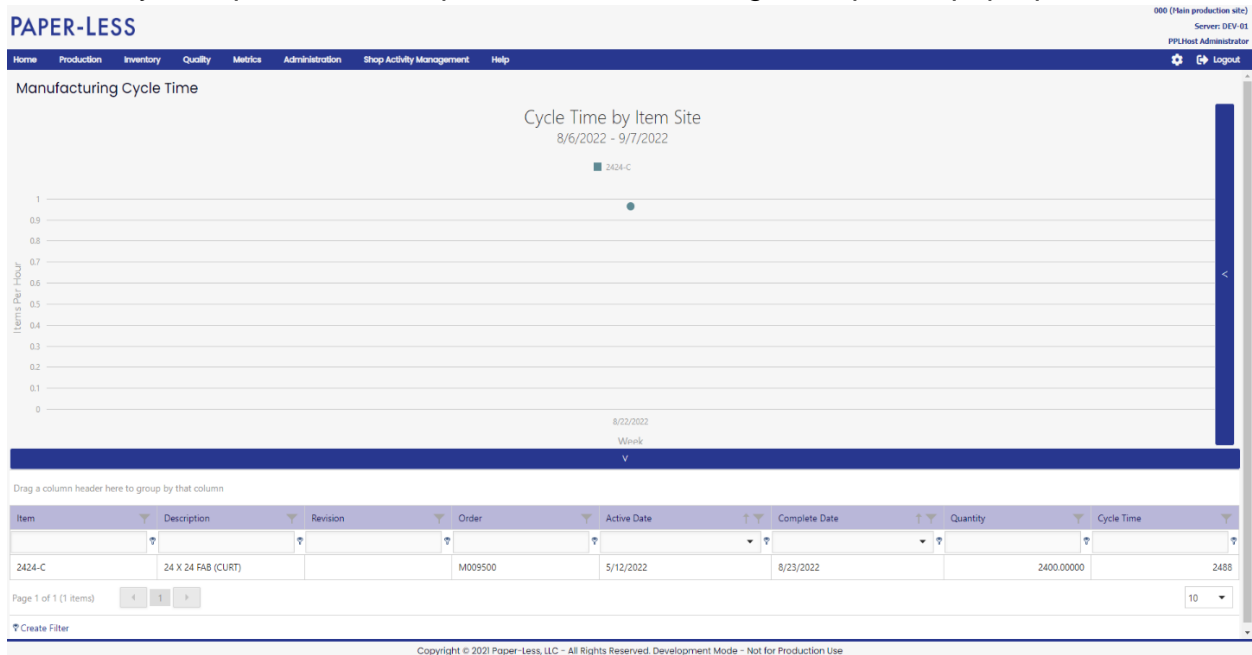
- For Quality Control Plans, when creating Serial Number Characteristic Types that are executed at Workcenter, improved the messaging to state that this characteristic first checks the operation and whether the Serial Number was recorded at the previous operation.
- Enhanced User Exits to open in a new window without using iframe to display the User Exit URL.
- Added a new KPI Metric for Manufacturing Cycle Time.



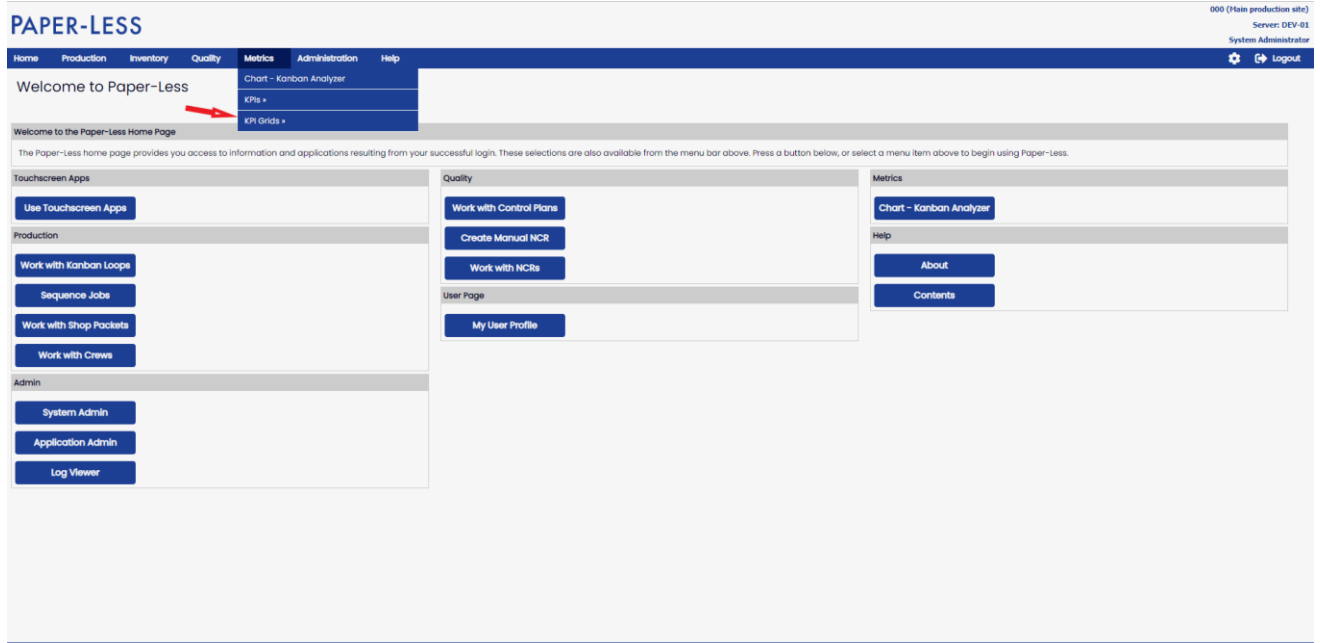
- Enhanced Chart Filters for KPI Metrics to be along-side the chart, rather than through a separate pop-up window.



- Enhanced the Grid view within KPI Metrics to be embedded into the same page as the chart with ability to expand and collapse, rather than through a separate pop-up window.



- Removed the separate KPI Grids menu item with the Grid now being readily accessible from the KPI Chart page.



DEFECTS/REPAIRS/BUG FIXES

- Fixed an issue where an error message was not generated during a failed sync when seeing the same PO Number with the same Order Date but different TurnAround Numbers.
- Fixed an issue where Delete Indicated records were lingering in the Bulk Manufacture Order database table, which caused the Order to delete during the next mini-sync.
- Fixed an issue where performing a Full Sync to a newly created database, was logging an incorrect error for the Item Site Item Category table.
- Fixed an issue where changing site was not correctly keeping the site changed.
- Fixed an issue where the Quality Run Chart was not properly adding the most recent entry to the chart.
- Fixed an issue in Quality Control Plans Variable Characteristics, where selecting the option to Show Details After Test was causing a Data Error when trying to save the settings.
- Enhanced WIP Action Buttons in Start Crew to show Start buttons when no Start buttons are shown in WIP.
- Fixed an issue in Serial Maintenance, where changing an alpha character in a serial number from uppercase to lowercase, or from lowercase to uppercase, would delete the serial number record.
- Fixed an issue where login on an operator panel was logging into the user default site rather than the defined site for the operator panel.
- Fixed an issue where deleting one of multiple locations in a warehouse was causing the remaining locations to be unavailable for performing a Miscellaneous Issue.