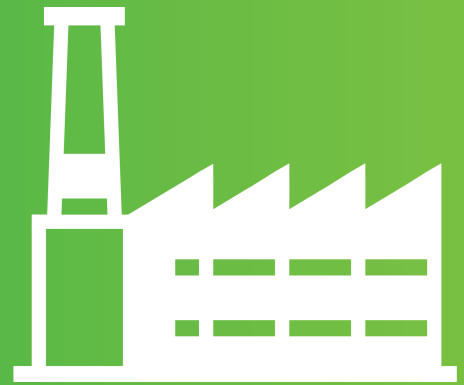


MOM What's New

2019 R1 | Manufacturing Operations Management

Last Published: August 2020





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What is in this guide

This guide explains how to upgrade your software to SYSPRO MOM 2019. For compatibility reasons you must upgrade all component of the application at the same time.

New component names of SYSPRO MOM 2019:

Feature	Description
SYSPRO mom Web Site	Web based application for Detailed Scheduling, Dispatching Data Collection, Tracking, Continuous Improvements and Performance Analysis .
SYSPRO aps	Desktop application for Scheduling and Dispatching .
SYSPRO api Web Site	Web based application used for managing the integration to your ERP application and configuring the Document Library.

The upgrade is managed through the **Product Updater**. The **Product Updater** must be run manually on the web server to install the web components and from all desktop computers where the **Visual APS** component is installed. Unattended installs and deployment of the **Visual APS** component via group policy is not currently supported in this version.

SYSPRO MOM 2019 consists of the following builds:

Feature	Description
SYSPRO mom	4.0.0.0 and above
SYSPRO aps	10.0.0.0 and above
SYSPRO api	6.0.0.0 and above

Periodically, improvements are made to the **Product Updater** and you may be requested to download a new version of this file.

Enhancements in Visual APS

If you've been keeping your software up to date you will have noticed a number of minor improvements released in hotfix builds over the past year or two for SYSPRO aps.

SYSPRO have continued to enhance the product during this time and a roll up of all these changes are incorporated into 2019 R1. Please review the recommended hotfixes for 2016 R2 and 2016 R2 SP1 for a full list of changes. Between 2016 R2 SP1 and 2019 R1 there have been a few minor software changes in SYSPRO aps which are documented in this guide.

Enhanced Closed Job Visibility

Closed jobs that were closed less than 1 month ago can now be seen in Visual APS.

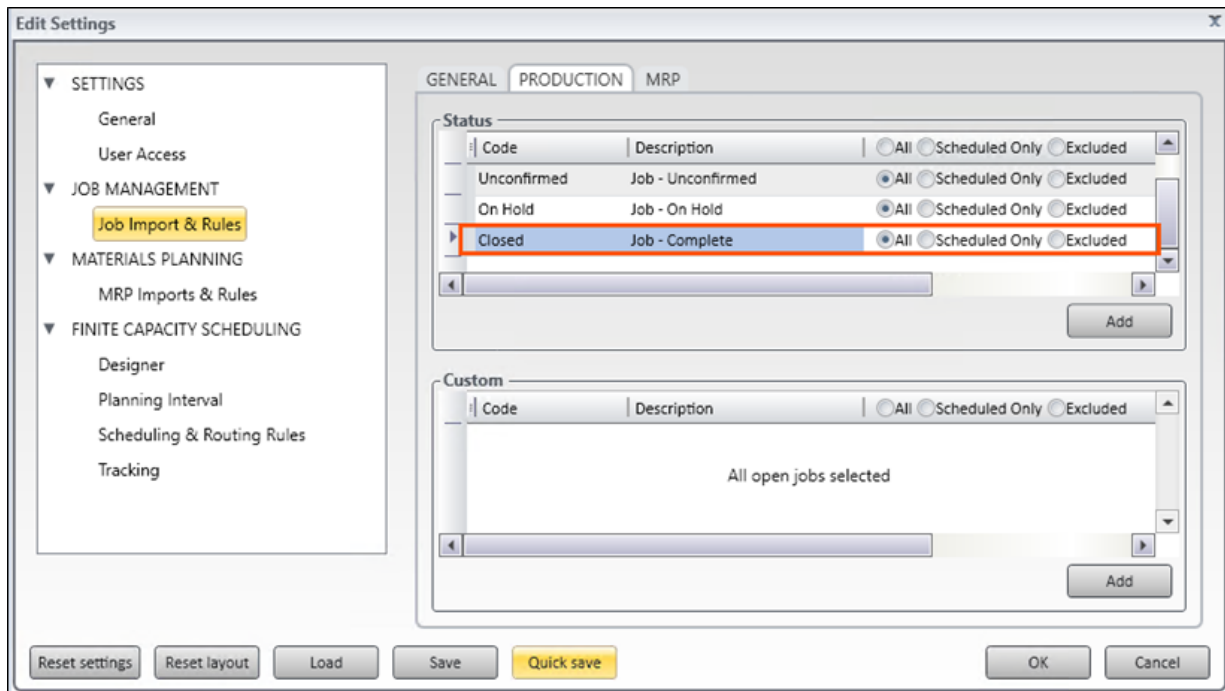
 **Note:**

This enhancement amends the following SQL Views:

- Lynq_VP_SourceProductionMaterialsView
- Lynq_VP_SourceProductionOrdersView

Where can I see the change?

Menu	Sub Menu	Ref No.
Visual APS	File/Company/Job Import Rules	WEB-1616



Enhanced Task Panel Filtering

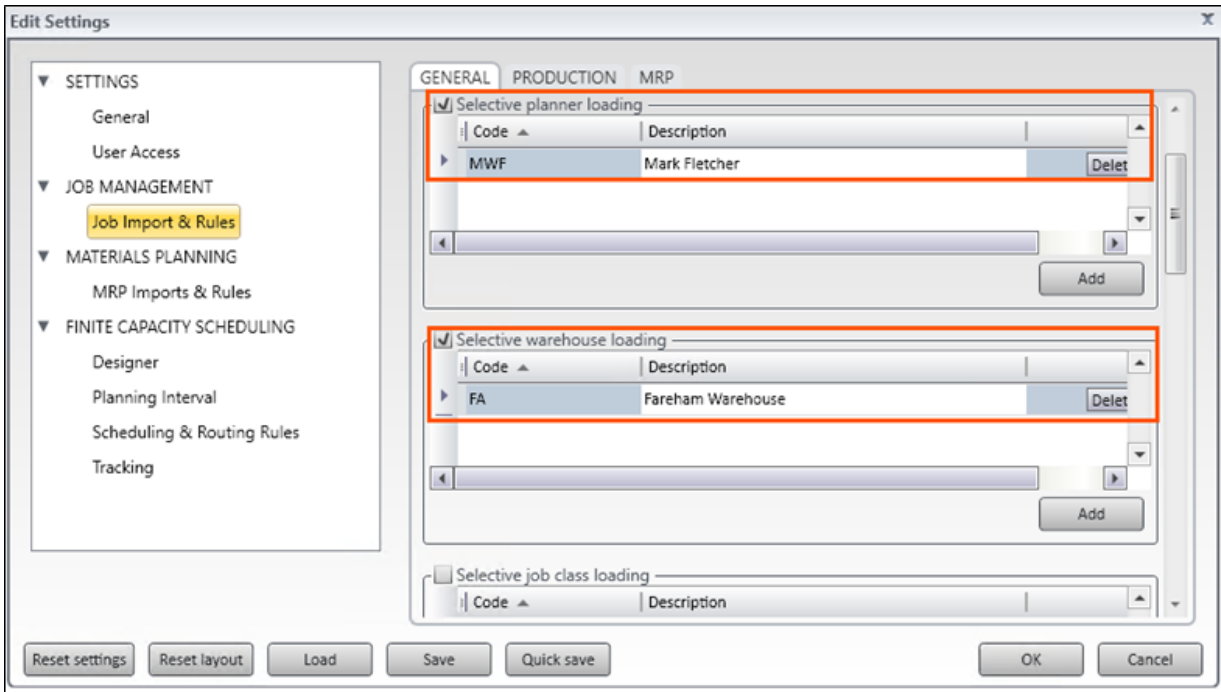
Added ability to filter data import by Warehouse, Planner, Job Classification, Product Classification and 3 user defined fields. Filtering can also be applied on Production Order and MRP orders data sets. Every property should hold comma separated values: i.e. Product Class : Include: (class1, class2, class3)

Note:

Settings in SYSPRO aps are user specific. The settings are stored in your **Windows** profile. Changes made in this screen will only affect your account.

Where can I see the change?

Menu	Sub Menu	Ref No.
Visual APS	Settings/Job Import Rules	WEB-1616



Enhancements in SYSPRO MOM

If you've been keeping your software up to date you will have noticed a number of minor improvements released in hotfix builds over the past year or two for SYSPRO mom.

SYSPRO have continued to enhance the product during this time and a rollup of all these changes are incorporated into 2019 R1. Please review the recommended hotfixes for 2016 R2 and 2016 R2 SP1 for a full list of changes. Between 2016 R2 SP1 and 2019 R1 there has been several software changes in SYSPRO mom which are documented in this guide.

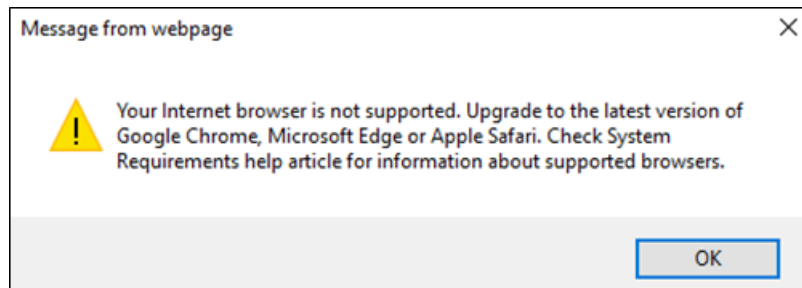
Discontinued Support for IE Browser

Support for all versions of **Internet Explorer** has been discontinued and the application will prevent you loading the SYSPRO mom site when opened in the Internet Explorer browser. The application is only supported with later versions of Chrome, Edge or Safari.

Where can I see the change?

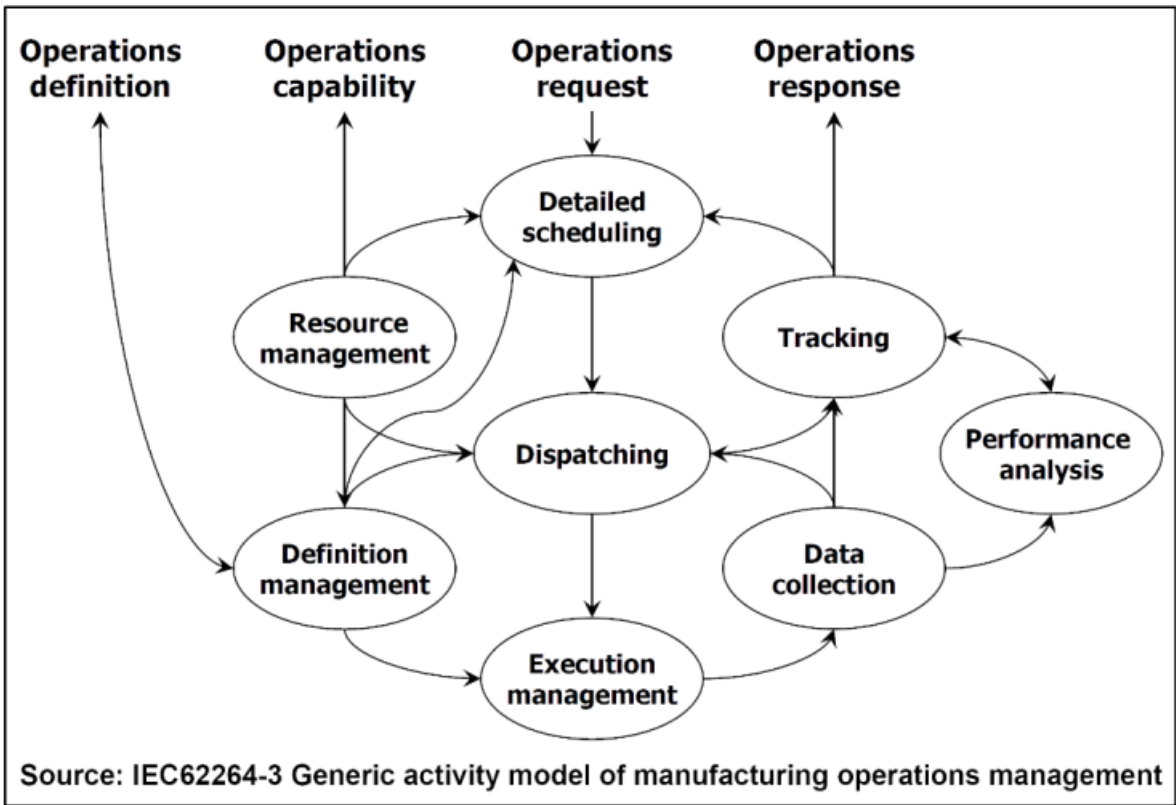
Menu	Sub Menu	Ref No.
N/A	All Web pages	WEB-1707

New System Requirements warning.



UI Alignment with IEC62264

The menu structure has received a major overhaul and now aligns to International Standard IEC62264 and to SYSPRO's new improved brand.



Note: Support for the classic view has been removed. The structure of the menu now aligns better with your operational flow.


Where can I see the change?

Menu	Sub Menu	Ref No.
Home Menu	All Sub Menus	WEB-1616

New Factory Automation Feature

Factory Automation is a new feature which is visible in the application only once you have **Automated Device Licenses** applied.

For more information please refer to the **Factory Automation Feature Guide**.

 **Note:** If you are an existing customer and are now implementing Factory Automation, you will need to apply your new LYNQ license which includes **Automated Devices** from Help/Change Product License.

Where can I see the change?

Menu	Sub Menu	Ref No.
Workforce	Factory Automation	WEB1015
Planning	Seat Maintenance/Automation	
Settings	System Insights/Events	

There is a **New Menu** option for **Factory Automation**.

PLANNING	WORKFORCE	FACTORY
Detailed Scheduling	Data Collection	Continuous Improvement
Visual APS	Workbench	Loss Management
	Timesheet Entry	
	Factory Automation	


There are new **Factory Automation Settings** in **Equipment Maintenance**.

HOME PLANNING | WORKFORCE | FACTORY

Equipment Maintenance

SAVE CLOSE APPLY

Active (consumes a seat license if checked)



DRILL / DRIL01
ID: 34

*Click to edit

Work Center
Equipment
Display name

Properties

Source
Seat type
Equipment ID
Type
Machine (ERP)
Equipment group
Overhead rate
Revenue rate

Capacity
Capacity UOM
Number of resources
Planned availability calculated by

ERP LYNQ
 Manual Auto

Workbench
Workbench ID
Password
Time zone

Automation
Manufacturer
Model
Controller / IO
IP address
OPC agent
OPC server

GROUPS ATTACHMENTS AUTOMATION

SIGNAL PROCESSOR MONITOR

NEW EDIT DELETE COPY ACTIVATE DEACTIVATE

Signal	Description	OPC Tag	Simulate	Active?
Quantity	DRIL01 Good Quantity	DRIL01.PLC.GQ	Start	<input checked="" type="checkbox"/>
Scrap	DRIL01 Scrap Quantity	DRIL01.PLC.SQ	Start	<input checked="" type="checkbox"/>
Status	DRIL01 Status	DRIL01.PLC.State		<input checked="" type="checkbox"/>

A new **System Insights Events** Tab has been added.

HOME PLANNING | WORKFORCE | FACTORY

System Insights

Day [] Prev Next Refresh

Dashboard Views Tables Logs **Events** Automation

INFLUX VALID REL

Enabled
 Pending Accept
 Accepted
 Accept Error
 Posted
 Instant Accept

Refresh

Drag a column header here to group by that column

Event Flow Status	Source	Flow State	Date/Time	Audit Time	Employee	Equipment	Event Type	State	Job	Stock Code	Operation	Activity	Material	Quantity	Task Code	Terminal	OSE/Action
Trx generated	automation	posted	12/10/2019 5:00 PM	17:50:28.843	Justin Francis	HBFX / HBF003	Event Detail		633	0500	1	Run		1.00	000000000000033.1.Run		
In progress	automation	pending_accept	7/11/2019 2:40 PM	14:40:07.090		HBFX / HBF002	Event Detail							1.00			
In progress	automation	pending_accept	7/10/2019 12:33 PM	12:33:54.013		DRILL / DRIL01	Event Detail							1.00			
In progress	automation	pending_accept	7/10/2019 12:00 PM	12:00:02.773		HBFX / HBF002	Event Detail							1.00			
Trx generated	automation	posted	12/8/2019 4:32 PM	16:22:01.467		HBFX / HBF003	Quantity		633	0500	1	Run		1.00	000000000000033.1.Run		
From	automation	invald	12/8/2019 6:00 PM	17:00:04.648		HBFX / HBF001	Quantity				0			1.00			

Terminology Changes for Seats

To be consistent with the new 2019 price list, seats have been renamed to **Manual Resource (Standard Seat)** and **Automated Device (Premium Seat)**.

Note: If you are an existing customer and are now implementing Factory Automation, you will need to apply your new LYNQ license which includes **Automated Devices** from Help/Change Product License.

Where can I see the change?

Menu	Sub Menu	Ref No.
Help	About/Change Product License	WEB-1538
Planning	Resource Management/Seat Maintenance	

New Terminology in Seat Maintenance.

HOME | **PLANNING** | WORKFORCE | FACTORY

Seat Maintenance

SEATS | RIGHTS | ROLES | GROUPS | CREWS

Manual resources: 35 / 300 Users Employees Equip

Automated devices: 6 / 30

NEW EDIT DELETE IMPORT ACTIVATE DEACTIVATE EXPORT FILTERS

Category	Name	Workbench ID	Source	Seat type	Active?
Equipment	MBBA / MBBA02	M_28	ERP	Manual	Active - Manual Resource
Equipment	MBBA / MBBA03	M_27	ERP	Manual	Active - Manual Resource
Equipment	MBCC / MBCC01	M_26	ERP	Manual	Active - Manual Resource
Equipment	MBFA / MBFA01	M_25	ERP	Auto	Active - Automated Device
Equipment	MBFA / MBFA02	M_24	ERP	Auto	Active - Automated Device
Equipment	MBFA / MBFA03	M_23	ERP	Auto	Active - Automated Device
Equipment	MBFA / MBFA04	M_22	ERP	Auto	Active - Automated Device

New Production Plan Options

The **Schedule** Tab has been renamed to **Gantt** and the Gantt Tab has been split into a view by Operations or Tasks. In addition to these changes the List View now returns the same details as the Gantt View.

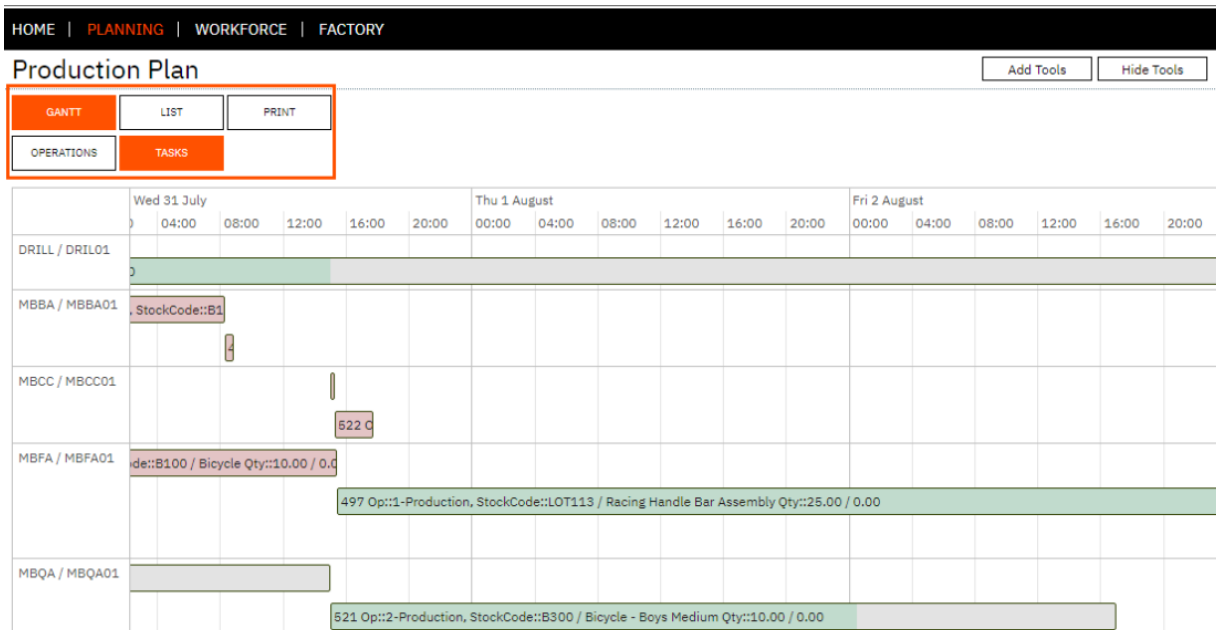
Where can I see the change?



Note: Very minor change but we've increased the default number of rows you see on this page.

Menu	Sub Menu	Ref No.
Planning	Dispatching/Production Plan	WEB-1220

New Gantt Option



A new radio button has been added to the Production Plan to filter out or include closed tasks/operations from Gantt/List views.

Where can I see the Change?

Menu	Sub Menu	Ref No.
Planning	Dispatching/Production Plan	WEB-1469

New Radio Button Option



New Export Option for Material List

The **Material List** can now be exported to file.

Note: Customize?

I guess some of you are wondering where the customize option is for this report. Unfortunately, this is currently a screen that cannot be customized.

Where can I see the change?

Menu	Sub Menu	Ref No.
Planning	Dispatching/Material List	WEB-1220

HOME | PLANNING | WORKFORCE | FACTORY PRINT | EMAIL

Material List - MBFA / MBFA01
 Filtered?
 Range: 7/10/2019 - 8/10/2019
 Prev Next Refresh

Drag a column header here to group by that column

Material	Description	Required	Start	Due
> B111	Diamond Frame	40.0000	7/25/2019 9:25 AM	7/31/2019 3:25 PM
> B112	Drive Train Assembly	725.0000	7/10/2019 8:15 AM	7/31/2019 3:25 PM
> B113	Handle Bar Assembly	725.0000	7/10/2019 8:15 AM	7/31/2019 3:25 PM
> B114	Radially Spoked Front Wheel	725.0000	7/10/2019 8:15 AM	7/31/2019 3:25 PM
> B115	Radially Spoked Rear Wheel	725.0000	7/10/2019 8:15 AM	7/31/2019 3:25 PM
> LOT111	Racing Diamond Frame	30.0000	7/24/2019 2:10 PM	8/8/2019 10:40 AM
> LOT112	Racing Drive Train Assembly	30.0000	7/24/2019 2:10 PM	8/8/2019 10:40 AM

Enhanced Webhook Functionality

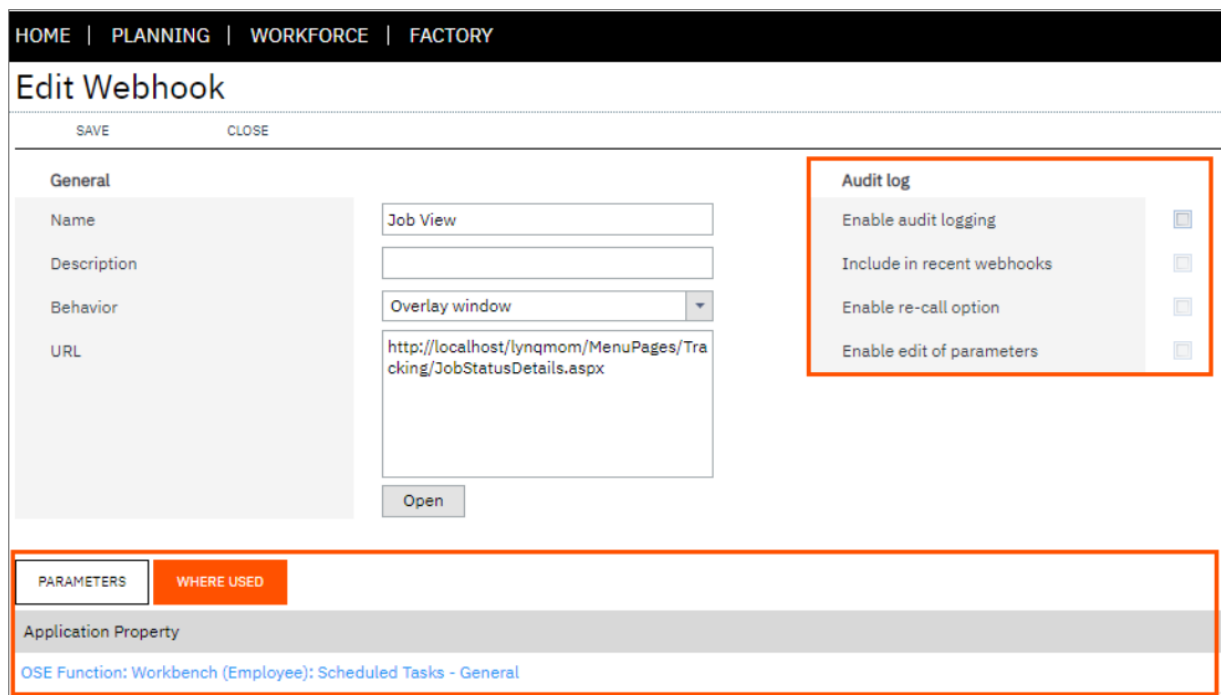
Webhook definitions now have a **Where Used** tab providing users with vision of where the webhook has been referenced within the application.

 **Note:** Audit Logging can be viewed from **Log** Tab on the **System Insights** page. Auditing only applies to Webhooks that have a behavior type of 'call as a service'.

Recent Webhooks: You will need to append the Recent Webhook OSE by running the **Append Profile** option. Once appended you can add the button to your terminals. Recent Webhooks will show you the recent Webhooks executed that have a behavior type of 'call as a service'. Within Recent Webhooks you can also re-call the Webhook and edit parameters.

Where can I see the change?

Menu	Sub Menu	Ref No.
Advanced Settings	Definitions/Webhooks/Edit	WEB-995



HOME | PLANNING | WORKFORCE | FACTORY

Edit Webhook

SAVE CLOSE

General

Name: Job View

Description:

Behavior: Overlay window

URL: http://localhost/lynqmom/MenuPages/Tracking/JobStatusDetails.aspx

Open

WHERE USED


Application Property

OSE Function: Workbench (Employee): Scheduled Tasks - General

Audit log

- Enable audit logging
- Include in recent webhooks
- Enable re-call option
- Enable edit of parameters

New **Audit Logging** settings have been provided to specify whether a **Webhook** should be enabled for audit logging, included in the recent **Webhooks** function, allowed for re-call and allowed for editing of webhook parameters.

 **Note:** Recent **Webhooks** is a new **On Screen Element** which displays a button on the workbench to show recently used Webhooks. If 2019 is applied to an existing installation, you can import the new **On Screen Element** from **Profiles > Select the 2019 R1 Profile** and then select **Append from Selected**. Check the **Recent Webhooks** (small) option and then select **Append Selected**.

Where can I see the change?

Menu	Sub Menu	Ref No.
Advanced Settings	Definitions/Webhooks/Edit	WEB-1527
	Workbench/Elements/Recent Webhooks	WEB-1527

Enhanced QR Code on Job Card

Previously the QR Code was provided as a sample only. This now correctly returns the Job URL if scanned. The QR code can now be scanned directly from the screen.

Where can I see the change?


Menu	Sub Menu	Ref No.
Workforce	Tracking/Job Status/Job Card	WEB-1010

New QR Code

HOME | PLANNING | WORKFORCE | FACTORY

Job Card

SUMMARY | BY TASK | BY OPERATION | BY MATERIALS | SUB JOBS | SCHEDULE | TRANSACTIONS



Job: 538
 Item: B700
 Description: Bicycle - Girls Large

Project:
 Customer:
 Sales Order:

To Make: 10.00
 Manufactured: 0.00
 Scrapped: 0.00

Planned Hours: 33.00
 Actual Hours: 88.01
 Remaining Hours: 0.00

Status: Confirmed

Manufactured %	0%
Scrap %	0%
Material %	0%
Labor Time%	267%
Machine Time %	1%

Operations

ADD TRANSACTION

Job	Stock Code	Operation	Equipment	Status	Completed	Scrapped	Quantity %
> 538	B700	1	MBFA / MBFA04	Open	0.00	0.00	0%
> 538	B700	2	MBQA / MBQA02	Open	0.00	0.00	0%
> 538	B700	3	MBCC / MBCC01	Open	0.00	0.00	0%

New Material Backflush Settings

Users now have the ability to automatically issue materials without being prompted after reporting quantity.

Serial/Lots/Bins? Setting the backflush option to Auto is not recommended for sites that have extended tracking such as Serial, Lot or Bin. This is due to the fact tracking data must be populated by the user during reporting.

Backflush Option The backflush option is read from the workbench on screen element, reporting options.

Menu	Sub Menu	Ref No.
Advanced Settings	Definitions/Workbench/Reporting Options	WEB-1188

Within the **Reporting Option** settings against the **Workbench On Screen Element** there are new options for:

Enable Material Issue

- Manual Backflush
- Auto Backflush

Default Backflush Method

- Approve Backflush (Material Issue Screen will appear after reporting)
- Auto Backflush (Material Issue Screen will not appear after reporting)
- No Backflush. (Material Issues after reporting is disabled)

New Backflush Reporting Options

The screenshot shows the 'Reporting Options' configuration window. The 'Material Issue' section is highlighted with a red box. It contains the following settings:

- Enable material issue:** (dropdown: Auto (Backflush))
- Default backflush method:** (dropdown: Approve Backflush, Auto Backflush, No Backflush)
- Use extended details:** (dropdown: Material Reject Det...)
- Allow over issue:**
- Use validation:** ...

When **Auto** is activated, the user will see 3 backflush options on the report screen:

- Approve Backflush
- Auto Backflush
- No Backflush

New Material Backflush Option on the Report Screen.

The screenshot shows a report screen for '00000000000534.1.Run'. The 'Material' dropdown is highlighted with a red box, showing 'Auto Backflush' as the selected option. The report details are as follows:


Details:	
Start Date	11/30/2018 12:00 AM
Activity	Run
Job	534
Stock Code	B600
Description	Bicycle - Girls Medium
Operation	1
Description	Bicycle Assembly
Qty (Planned)	200.00
Qty (Today)	94.00
Scrap (Today)	0.00
Remaining	93.00
Hrs (Today)	30.83
Equipment	DRILL / DRIL01
Current Task Status	Not changed

The 'Report:' section shows:

- Quantity (Job Receipt):** 1
- Scrap:** 0
- Scrap Reason:** (dropdown)
- Comments:** (text input)
- Equipment:** DRILL / DRIL01
- Material:** Auto Backflush (highlighted)
- Status:** No change

Enhanced Job Status for Machines

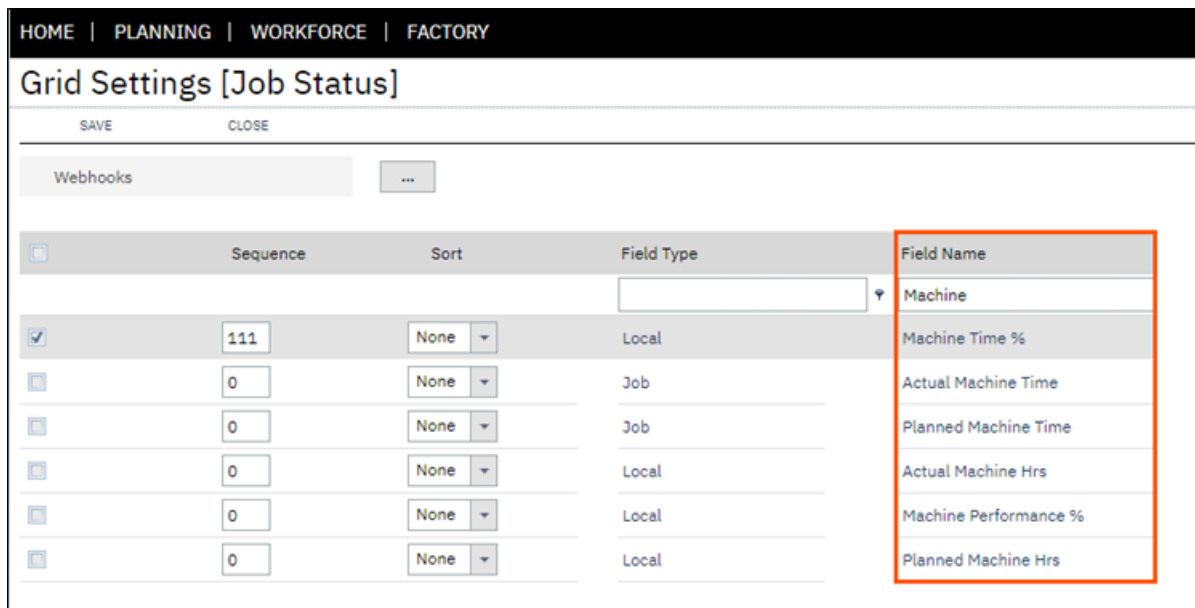
Additional columns have been provided to assist with Machine Time analysis. In early releases of SYSPRO mom the Jobs Status provided progress visibility by **Labor Time** only. There was a need to extend this with **Machine Time** visibility for environments where **Machine** time is defining **Job Execution**.

 **Note:** This enhancement modifies Lynq_ME_TaskView. Any customization to this view will need to be re-applied after the upgrade.

Where can I see the change?

Menu	Sub Menu	Ref No.
Planning	Dispatching/Production Job List	WEB-1221
	Dispatching/Production Status	
Workforce	Tracking/Job Status and Job Card (by Operation)	

Machines Fields



The screenshot shows the 'Grid Settings [Job Status]' interface. At the top, there are navigation tabs: HOME | PLANNING | WORKFORCE | FACTORY. Below the title, there are 'SAVE' and 'CLOSE' buttons. A 'Webhooks' section is visible with a '...' button. The main area is a table with columns: Sequence, Sort, Field Type, and Field Name. The 'Field Name' column is highlighted with a red box. The table contains the following rows:

Sequence	Sort	Field Type	Field Name
111	None	Local	Machine
0	None	Job	Machine Time %
0	None	Job	Actual Machine Time
0	None	Local	Planned Machine Time
0	None	Local	Actual Machine Hrs
0	None	Local	Machine Performance %
0	None	Local	Planned Machine Hrs

New Task View Tab in Job Card

A new option has been added to the Job Card to show individual tasks.

 **Note:** The same changes apply to the **Production Status** Report.

Where can I see the change?


Menu	Sub Menu	Ref No.
Workforce	Tracking/Job Status/Job Card/By Task	WEB-1464

New Task View Tab

HOME | PLANNING | WORKFORCE | FACTORY

Job Card

SUMMARY | **BY TASK** | BY OPERATION | BY MATERIALS | SUB JOBS | SCHEDULE | TRANSACTIONS



Job: 538
 Item: B700
 Description: Bicycle - Girls Large
 Project:
 Customer:
 Sales Order:

To Make: 10.00
 Manufactured: 0.00
 Scrapped: 0.00
 Planned Hours: 33.00
 Actual Hours: 88.01
 Remaining Hours: 0.00

Status: Confirmed
 Manufactured %: 0%
 Scrap %: 0%
 Material %: 0%
 Labor Time %: 26.7%
 Machine Time %: 1%

ADD TRANSACTION

Job	Equipment	Operation	Description	Status	Activity	Qty (Planned)	Completed
538	MBFA / MBFA01	1	Bicycle Assembly	Open	Setup	1.00	0.00
538	MBFA / MBFA01	1	Bicycle Assembly	Open	Run	10.00	0.00
538	MBQA / MBQA01	2	Quality and Inspection	Open	Run	10.00	0.00
538	MBCC / MBCC01	3	Bicycle Cleaning Center	Open	Setup	1.00	0.00
538	MBCC / MBCC01	3	Bicycle Cleaning Center	Open	Run	10.00	0.00

New Separated Time Split Options

Time split settings have been separated to allow different settings for employees and equipment.

 **Note: Functions with time split**

Time split also applies to the Add Task, Barcode, Recent Task, Start Task and Start Next Task functions.

Where can I see the change?

Menu	Sub Menu	Ref No.
Advanced Settings	Workbench/Elements/Employee Workbench	WEB-1474
	Workbench/Elements/Equipment Workbench	
	Workbench/Elements/Add Tasks	

Separate Time Split Options on Workbench On Screen Element

HOME | PLANNING | WORKFORCE | FACTORY

Scheduled Tasks

SAVE CLOSE

Controls

Show start button

Show classification button Do not show

Show stop button

Show report button

Show attachments button

Show webhook button ...

Reporting

Start task before reporting

Reporting options ...

Job List

Allow multi-jobbing

Split time by employee Split Evenly

Split time by machine Split Evenly

Use period to filter +/- 3 days

Show/hide operations ...

Triggers

Trigger employee activity

Trigger equipment activity

KPI's


Show Performance %

Show Availability %

Show Quality %

New Indicators in the Workbench

A new icon (machine or employee) will now appear next to the vertical bar in the Job List when a task is running. The icon will indicate the number of employees or equipment involved with a running task.

 **Note:** The vertical indicator bar to the left of the machine indicators will change color depending on color coding of your diversions

Where can I see the change?

Menu	Sub Menu	Ref No.
Workforce	Data Collection/Workbench	WEB-1621

New Status Indicators

SANDY CORNFIELD
 [09 Jul-03:11 PM] - 33:17
 Direct Uptime - Production
 DRILL / DRIL01
 Availability 100 Performance 1 Quality 100 OLE

DRILL / DRIL01
 [11 Jul-12:01 AM] - 3:16
 Direct Uptime - Production
 Sandy Cornfield

HOME

Job list (+/- 3 days)

Start Date	Activity	Job	Stock Code	Description	Operation	Description	Qty (Planned)	Qty (Today)	Scrap (Today)	Remaining	Hrs (Today)
7/12/2019 5:00 PM	Run	534	B600	Bicycle - Girls Medium	1	Bicycle Assembly	200.00	94.00	0.00	93.00	33.29

Start Stop Report Job View

Availability 100 Performance 1 Quality 100

Add Tasks

Recent Tasks

Barcode Entry

Break

Lunch

Meeting

Training

Issue Materials

KR Issue

Messages


Production Issue

My Time

End Day

New Hover-over in Transaction Review

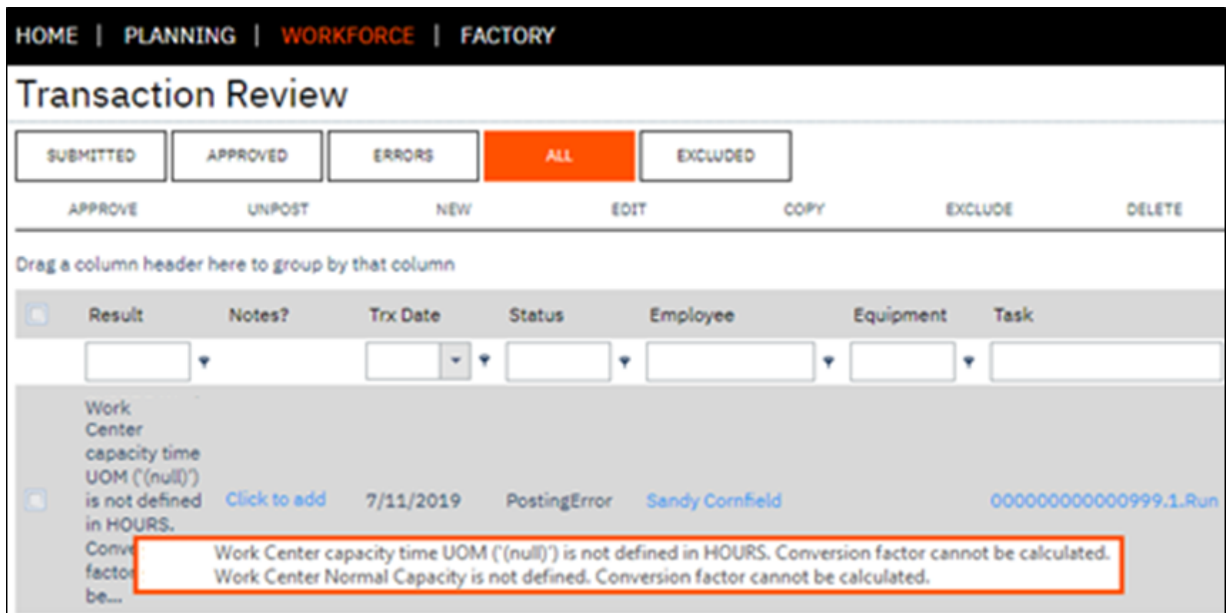
The error result column has been truncated to 100 characters, with an option to hover over to see the full error message. This change was required to reduce the height of a row when viewing the transaction in the Transaction Review screen.

 **Note:** The **Result** column only appears on the **Errors** and **All** Tab.

Where can I see the change?

Menu	Sub Menu	Ref No.
Workforce	Execution Management/Transaction Review	WEB-1630

New Hover-Over



The screenshot shows the 'Transaction Review' interface with the 'ALL' tab selected. A table lists transaction details. A tooltip is displayed over the 'Result' column, showing a truncated error message and its full text.


Result	Notes?	Trx Date	Status	Employee	Equipment	Task
Work Center capacity time UOM ('(null)') is not defined in HOURS.	Click to add	7/11/2019	PostingError	Sandy Cornfield		000000000000999.1.Run

Truncated Error: Work Center capacity time UOM ('(null)') is not defined in HOURS.

Full Error: Work Center capacity time UOM ('(null)') is not defined in HOURS. Conversion factor cannot be calculated. Work Center Normal Capacity is not defined. Conversion factor cannot be calculated.

New Validation Rules for Workbench

New validation rules have been provided to check against activities being marked as complete when there is remaining quantity to produce, and activities not marked as complete where there is no quantity remaining. Also there is a facility to autocomplete activity when no quantity remains.

 **Note:** **Validation Rules** can be set as **Do Not Validate**, **Warn** or **Prevent**. If you want to have different terminals with different validation rules, make a copy of the **On Screen Element** and apply it to your terminal.

Where can I see the change?

Menu	Sub Menu	Ref No.
Advanced Settings	Workbench/Elements/Employee Workbench/Reporting Options/Status/Use Validation	WEB-1658
	Workbench/Elements/Equipment Workbench/Reporting Options/Status/Use Validation	

New Use Validation Option

Reporting Options

General

Track performance abnormality ...

Use validation ...

Provide option to add comments

Report non-productive

Show webhook button ...

Form submission webhooks ...

Quantity

Show quantity field

Use extended details Quantity ▾

Show details on same page

Use validation ...

Status

Show status field

Default status ▾

Status can be edited

AutoComplete when no Quantity

Auto-stop when status is

Use validation ...

Material Reject

Enable material reject

Use extended details Material Reject Deta ▾

Use validation ...

New Validation Rules

Reporting Options

General		Quantity	
Track performance abnormality	<input checked="" type="checkbox"/> ...	Show quantity field	<input checked="" type="checkbox"/>
Use validation	...	Use extended details	<input checked="" type="checkbox"/> Quantity
Provide option to add comments	<input type="checkbox"/>	Show details on same page	<input type="checkbox"/>
Report non-productive	<input type="checkbox"/>	Use validation	...
Show webhook button	<input type="checkbox"/> ...		
Form submission webhooks	<input type="checkbox"/> ...		
Status		Material Reject	
Show status field	<input checked="" type="checkbox"/>	Enable material reject	<input checked="" type="checkbox"/>
Default status	No change	Use extended details	<input checked="" type="checkbox"/> Material Reject Dete
Status can be edited	<input checked="" type="checkbox"/>	Use validation	...
AutoComplete when no Quantity	<input type="checkbox"/>		
Auto-stop when status is	<input checked="" type="checkbox"/>		
Use validation	...		

Enhanced Job Card Add Transaction

When adding transactions to a **Job** in **Job Card** view, the user will no longer see tasks that are not associated with the Job.

Where can I see the change?


Menu	Sub Menu	Ref No.
Workforce	Tracking/Job Status/Job Card	WEB-1583

Filtered Task List

HOME | PLANNING | WORKFORCE | FACTORY

Job Card

SUMMARY | BY TASK | BY OPERATION | BY MATERIALS | SUB JOBS | SCHEDULE | TRANSACTIONS



Job: 537

Item: 8711

Description: Diamond Frame - Girls Large

Project:

Customer:

Sales Order:

To Make: 10.00

Manufactured: 0.00

Scrapped: 0.00

Planned Hours: 20.15

Actual Hours: 133.79

Remaining Hours: 0.00

Operations

ADD TRANSACTION

Tasks relevant to the Job

New Transaction

SAVE CLOSE

General

Trx Date

Employee ...

Membership ...

Task ...

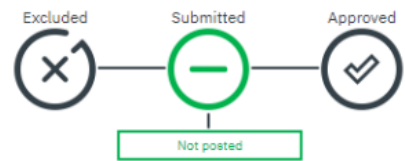
Equipment

Labor (Hrs)

Classification Value

Comments

Additional



Select Task(s)

 Tasks
 Predefined Tasks

Job	Stock Code	Description	Operation
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
537	B711	Diamond Frame - Girls Large	1
537	B711	Diamond Frame - Girls Large	2
537	B711	Diamond Frame - Girls Large	2
537	B711	Diamond Frame - Girls Large	2
537	B711	Diamond Frame - Girls Large	3
537	B711	Diamond Frame - Girls Large	3
537	B711	Diamond Frame - Girls Large	4
537	B711	Diamond Frame - Girls Large	4
537	B711	Diamond Frame - Girls Large	5
537	B711	Diamond Frame - Girls Large	5

Enhanced Edit Transaction Ability

In previous versions of SYSPRO MOM the labor value was the only field that could be edited in the **Transaction Review Screen**. This made the correction of data errors long winded to resolve with the user having to copy, delete and then edit the copied transaction.

Now when editing **Transactions**, it's possible to edit:

- Transaction Date
- Employee Code
- Membership Code
- Task Code
- Labor Hrs
- Classification Value

Transaction Edit

HOME | PLANNING | WORKFORCE | FACTORY

Edit Transaction

SAVE CLOSE

General

Trx Date: 7/3/2019

Employee: 11

Membership: CREW C

Task: 000000000000600.1.Run

Equipment: DRILL / DRIL01

Labor (Hrs): 5.8224769464

Classification Value: Classification Code 3

Comments: [Click to add](#)

Additional:

Excluded (X) — Submitted (—) — Approved (✓)


Not posted

Posting Message

Enhanced Scheduled Events

The scheduled events feature has been renamed to **Actions**. This was changed to re-align the feature to its new improved behavior where events can be triggered manually from screens within the application and not necessarily on a fixed or recurring time basis.

The actions feature (previously schedule events) has been moved to **Advanced Settings** and the terminal tab has been removed on the settings screen. This was changed to improve the UX and understanding of how to configure an action. Actions are now setup independent of the workbench.

 **Note:** You can only execute manual actions from the status reports. Manually performing a scheduled action is not supported.

Where can I see the change?

Menu	Sub Menu	Ref No.
Advanced Settings	Actions	WEB-1684

Actions appear as a separate tab

HOME | PLANNING | WORKFORCE | FACTORY

Advanced Settings

WORKBENCH | **ACTIONS** | AUTOMATION | DESIGNER | ANALYTICS | DEFINITIONS


ACCESS | TERMINALS | STATUSES | **ELEMENTS** | MATRIX

Actions can now be activated or deactivated and triggered manually from status pages in the application. This improved functionality provides a quick and easy way to perform actions against single or multiple resources. A new option has been provided in the Execute By field to specify the action is manual execution. Any actions that are setup for manual execution can be manually triggered in the screens listed in the table below.

Where can I see the change?

Menu	Sub Menu	Ref No.
Workforce	Tracking/Employee Status/Card View/Green Finger Indicator	WEB-1684
	Tracking/Employee Status/List View/Actions	
	Tracking/Equipment Status/Card View/Green Finger Indicator	
	Tracking/Equipment Status/List View/Actions	

Option for Manual Execution

 **Note:** Actions can apply to either equipment or employees or both. You can also restrict who the action will execute for.

Perform Actions from the Status Screens Card View (Single)

Perform Actions from the Status Screens List View (Multi)

HOME | PLANNING | WORKFORCE | FACTORY

Equipment Status

CARD VIEW LIST VIEW

ACTIONS

TURN OFF EQUIPMENT

Click here to group by that column

<input checked="" type="checkbox"/>	Equipment	Turn off Equipment	Type	Diversion	Hrs (Today)	Qty (Total)	Scrap (Total)
<input checked="" type="checkbox"/>	ASSEMB / ASSE01	Non-operational	Undefined		0.00	0.00	0.00
<input checked="" type="checkbox"/>	DRILL / DRIL01	Uptime	Production		43.60	107.00	0.00
<input checked="" type="checkbox"/>	DRILL / DRIL02	Non-operational	Undefined		0.00	0.00	0.00

Enhanced Loss Management Report

The **Loss Management** report has been enhanced to include four financial loss visualizations:

- %
- Hour
- Rate
- Revenue

A default system wide labor rate, employee revenue rate, overhead rate, equipment revenue rate can be setup in **Advanced Settings/General**. Rates can also be setup at the seat level in seat maintenance which will override the system wide settings.



Note: A critical report for any company wishing to drive down factory loss and increase revenue and competitiveness.

Where can I see the change?

Menu	Sub Menu	Ref No.
Planning	Resource Maintenance/Seat Maintenance	WEB-1707
Factory	Continuous Improvement/Loss Management	

New Financial settings in Advanced Settings

Advanced Settings

WORKBENCH ACTIONS AUTOMATION DESIGNER ANALYTICS DEFINITIONS TIMESHEET PERMISSIONS RULES GENERAL PROFILES

SAVE CANCEL


General Enable 'Find as you type' filter: Enabled Split equipment by primary type: <input type="checkbox"/>	Data Caching Interval (s) Tasks: 600 Tasks schedule: 615 Operations: 630 Materials: 645 Jobs: 660 Employees: 3600 Equipment: 3600 APS planning statistics: 3600	Financial Loss Labor rate: 25.00 Employee revenue rate: 125.00 Overhead rate: 35.00 Equipment revenue rate: 170.00 Financial loss currency: \$
Data Collection Employee status (default): Out/OH Equipment status (default): Out/OH Clock out warning after (hrs): 14.0 Terminal timeout after (secs): 600 Clocking time (default): Office Time Data selector (default): Operation Selection	Group Security & Messaging Direct (single level): <input type="checkbox"/> Dependent (multi level): <input type="checkbox"/>	<input type="button" value="Refresh"/>

New Rate settings in Equipment Maintenance

Equipment Maintenance

SAVE CLOSE

Active (consumes a seat license if checked)



MBFA / MBFA01

ID: 25

*Click to edit

Properties

Source ERP LYNQ

Seat type Manual Auto

Equipment ID: 25

Type: Primary

Machine (ERP): MBFA01

Equipment group: ...

Overhead rate: 35

Revenue rate: 80

Work Center

Equipment

Display name

Capacity

Capacity UOM: Hours

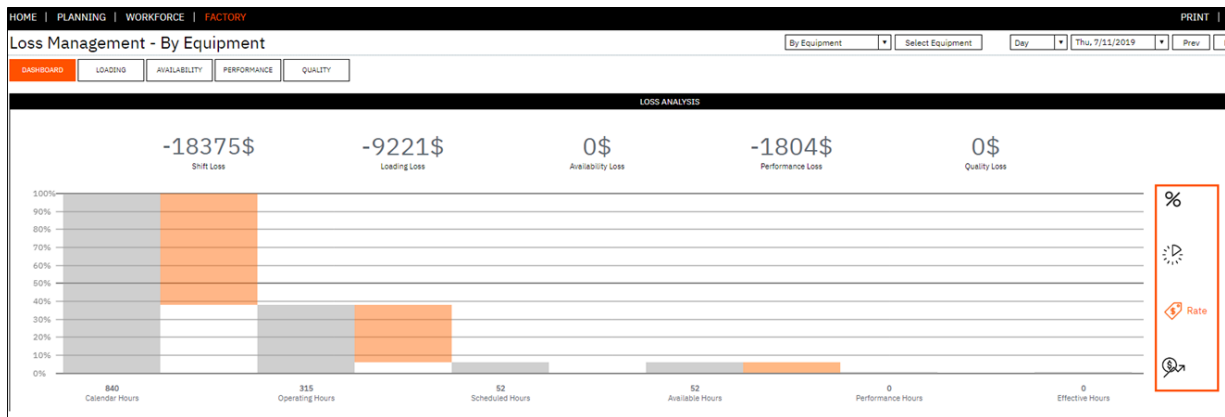
Number of resources: 1.00

Planned availability calculated by: Clocked Time

The **Loss Management Dashboard** displays realization of loss across your manufacturing operations with every loss identified, classified (Six Big Loss) and quantified to allow for counter measures to be applied and continuous improvement to be made.



Note: The reports will automatically update once labor rate, employee revenue rate, overhead rate, equipment revenue rates have been set



Different Visualizations of Loss Management



Visualisation	Type	Meaning
	Loss Management by %	Shows the loss in percentage of hours for your manufacturing operation
	Loss Management by Hour	Shows the loss in hours for your manufacturing operation
	Loss Management by Rate	Shows the loss at cost value for your manufacturing operation
	Loss Management by Revenue	Shows the loss at revenue value for your manufacturing operation