

LYNQ

LYNQ 2019 R1 What's New

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From the Team

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Chief Product Officer



What an exciting and busy time we've had since the release of LYNQ 2016 R2. The team are very proud to have worked on the LYNQ 2019 R1 release and we are looking forward to seeing the customer experience team roll this software out to existing and new customers.

The headline features have been for me the official release of Factory Automation. What a great project to be part of and how critical is this functionality in our era of Industry 4. Whether you are a small, medium or a large sized manufacturer, our solution provides everything you need to digitise your factory. We've included in this release a [Factory Automation Guide](#) to explain how we recognise automation in LYNQ. We are here and ready to provide you with a demonstration of this functionality, if you are interested in this feature. Click [here](#) to book a demonstration.

Another headline feature in the 2019 R1 release is the ability to see a monetary value of loss in the Loss Management report for your factory. I believe your management teams will really appreciate this effective enhancement.

For supervisors we've made the ability to perform events much easier than before. Events are no longer scheduled events but actions. Actions can be scheduled or run manually from various screens in LYNQ. Turning off all equipment or clocking all users out can now be completed in 2 mouse clicks! What an improvement on the older versions of LYNQ.

I cannot comment on all changes but hopefully this gives you a glimpse of what there is to come.

Enough said from me.....

Post Release

Search the Knowledgebase for recommended hotfixes for 2019 R1 that should be applied since the initial release of 2019 was published. This document will not be updated after its published date
support.lynqmes.com

This document provides an explanation of the new and enhanced features in LYNQ 2019 R1.

LYNQ 2019 R1 comprises of these component build numbers:

- LYNQ aps version 10.0
- LYNQ mom version 4.0
- LYNQ api version 6.0

Customers with a current maintenance agreement may upgrade to this release. Considering this is a major software release it is recommended that LYNQ or your partner assist you with your upgrade.

If your software is supported by LYNQ directly, you may use the following links to schedule your upgrade. Alternatively, contact your partner.

Customer on builds **less than:**

- APS version 9.16
- Smart Manager 3.17

<https://support.lynqmes.com/en-US/book-a-discovery/>

Customer on builds **equal to or greater than:**

- APS version 9.16
- Smart Manager 3.17

<https://support.lynqmes.com/en-US/book-a-major-upgrade-without-services/>

Enhancements in LYNQ aps

Support Portal

If you are not already registered, [request access](#) now. It will only take a couple of minutes. The Support Portal provides a central location to keep you up to date with what's new in LYNQ.

support.lynqmes.com

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 LYNQ aps.

LYNQ 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 have been a few minor software changes in LYNQ aps which are documented in this guide.

Enhanced Closed Job Visibility

Customisations

Please contact LYNQ if you are unsure whether your software is customised. We can assist you and apply these when the software is upgraded

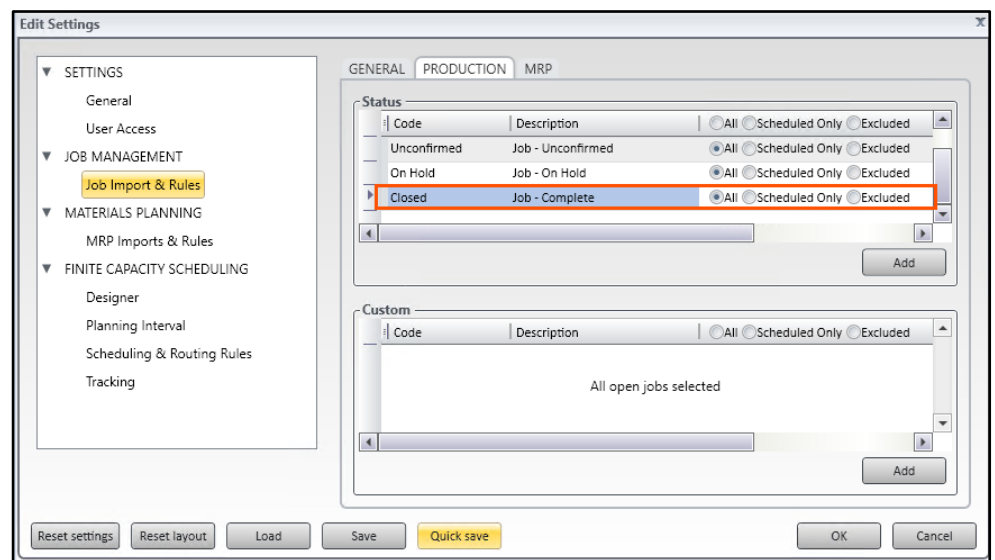
Closed jobs that were closed less than 1 month ago can now be seen in APS.

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

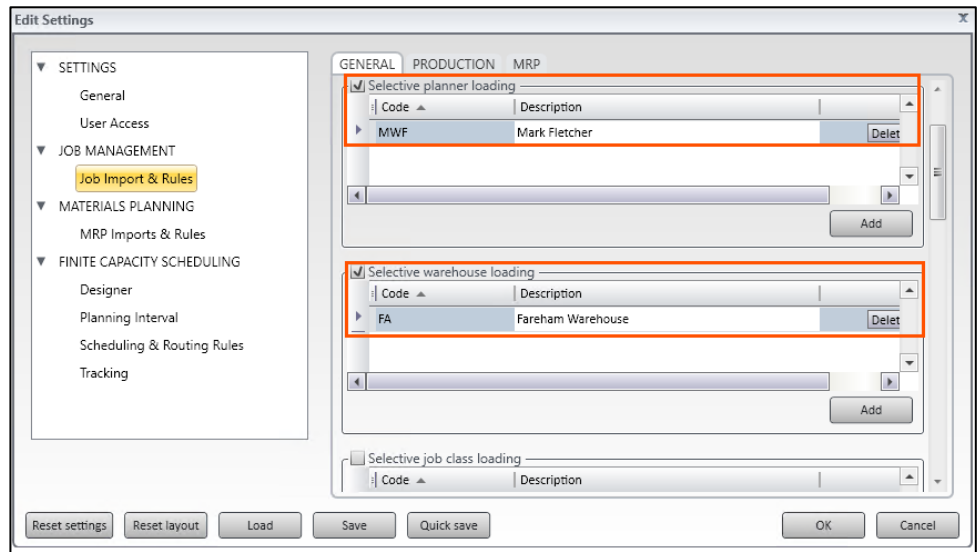
User Specific

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

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)

Where can I see the change?

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



Enhancements in LYNQ mom

Support Portal

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support.lymqmes.com

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 LYNQ mom.

LYNQ 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 LYNQ mom which are documented in this guide.

Discontinued Support for IE Browser

Please check

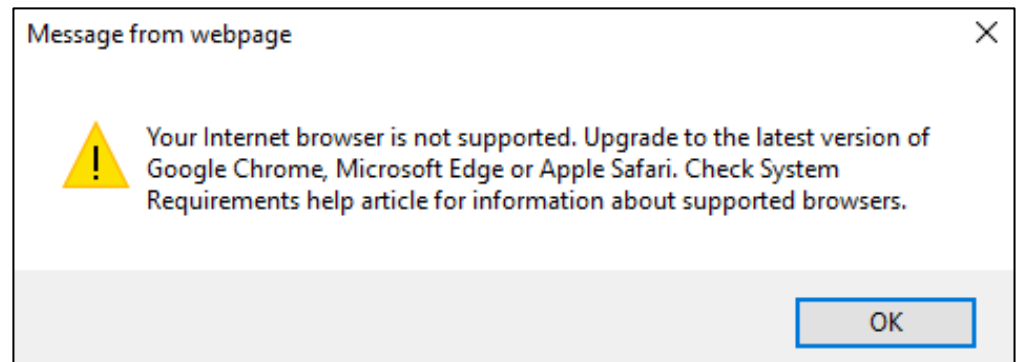
Unfortunately we cannot continue to support this old browser. Please be aware of this if you are an Internet Explorer user before upgrading the software

Support for all versions of Internet Explorer has been discontinued and the application will prevent you loading the 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

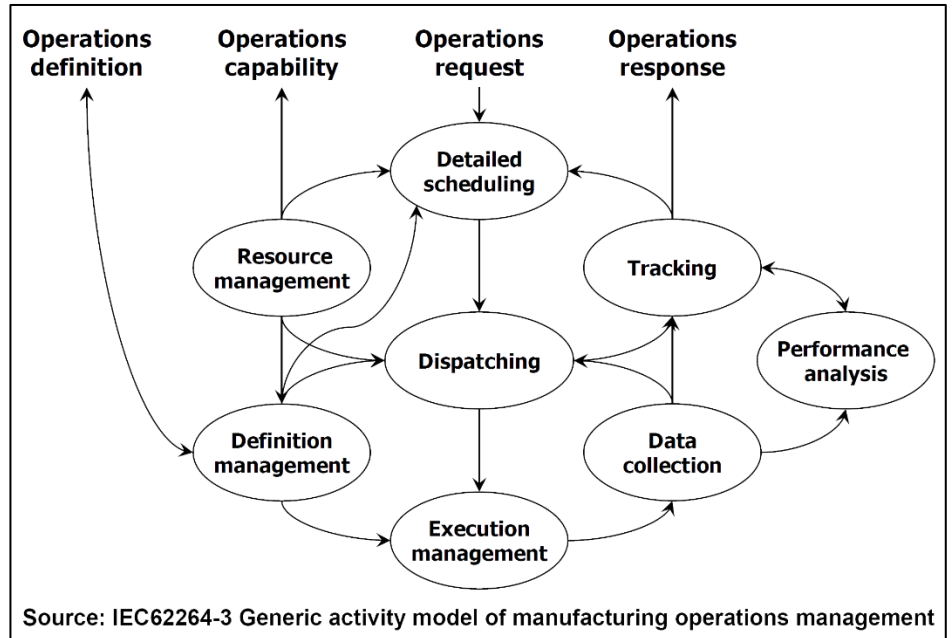


UI alignment with IEC62264

Classic View

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

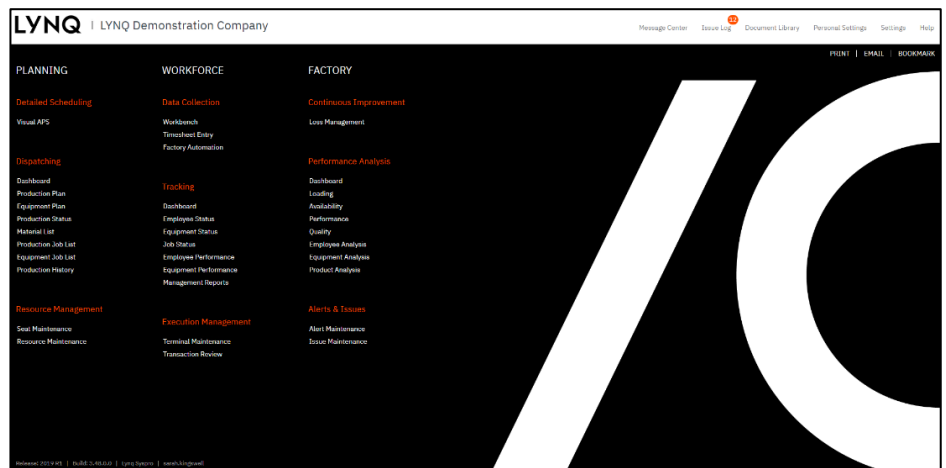
The menu structure has received a major overhaul and now aligns to International Standard IEC62264 and to LYNQ's new improved brand.



Where can I see the change?

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

New improved navigation



New Factory Automation Feature

Demonstration

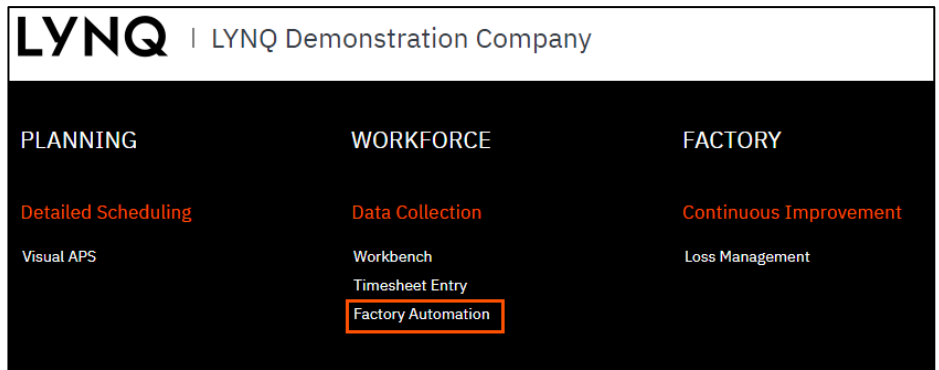
Contact us if you wish to discuss how this feature can benefit your company or click [here](#) to book a demo

Factory Automation is a new feature which is visible in the application only once you have Automated Device Licenses applied. Click [here](#) to download the 25 page Factory Automation Feature Guide.

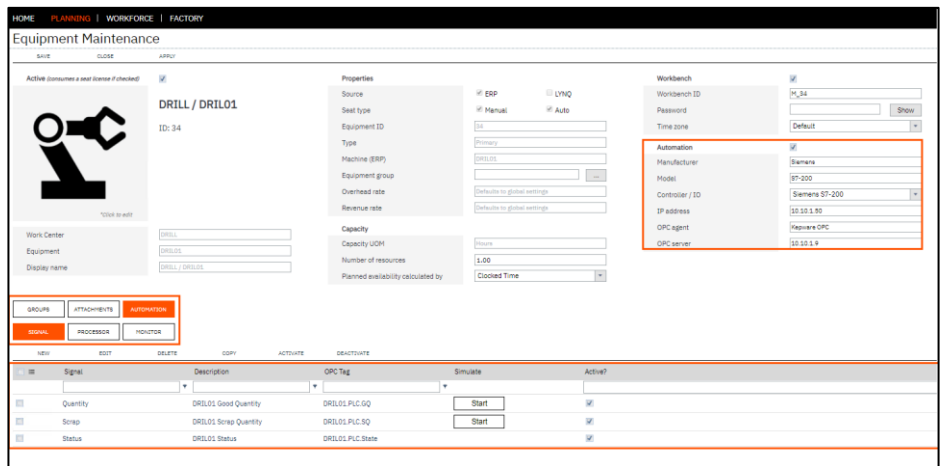
Where can I see the change?

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

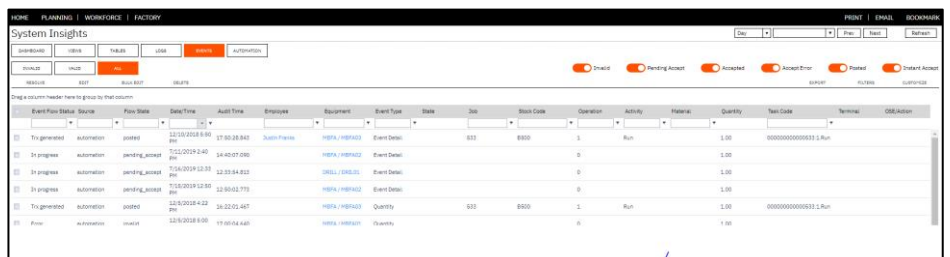
New menu option for Factory Automation



New Factory Automation Settings in Equipment Maintenance



New System Insights Events Tab



Terminology Changes for Seats

Product License

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

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

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
Automated devices: 6 / 30

Users Employees Equip

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

Default no. of rows

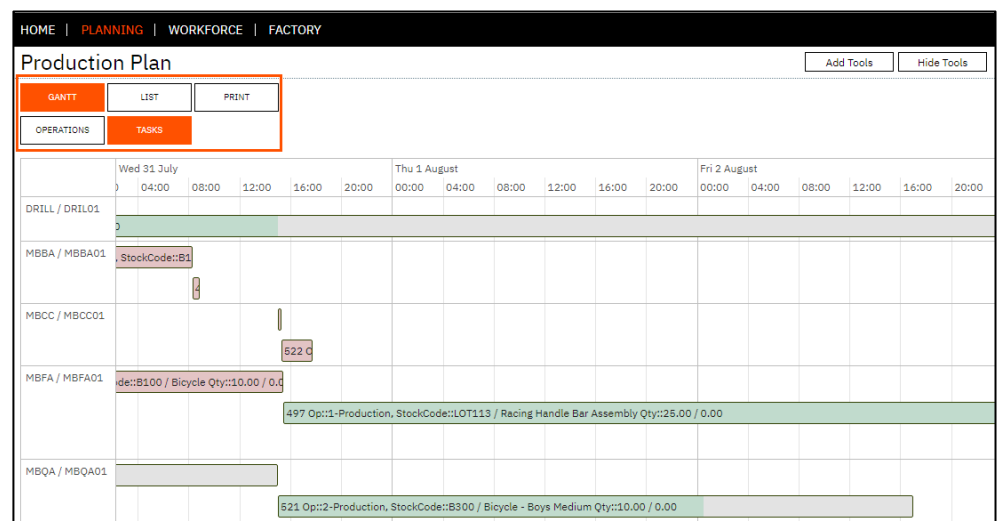
Very minor change but we've increased the default number of rows you see on this page.

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?

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

New Gantt Option

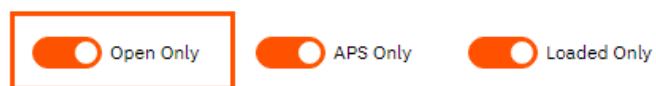


A new radio button has been added to the Production Plan to filter out or include closed tasks/operations from Gantt/List views.

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

Customise?

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

The Material List can now be exported to file.

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

[EXPORT](#)

Drag a column header here to group by that column

Material	Description	Required	Start	Due
> B111	Diamond Frame	40.0000	7/26/2019 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	Radiially Spoked Front Wheel	725.0000	7/10/2019 8:15 AM	7/31/2019 3:25 PM
> B115	Radiially 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

Audit Logging

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

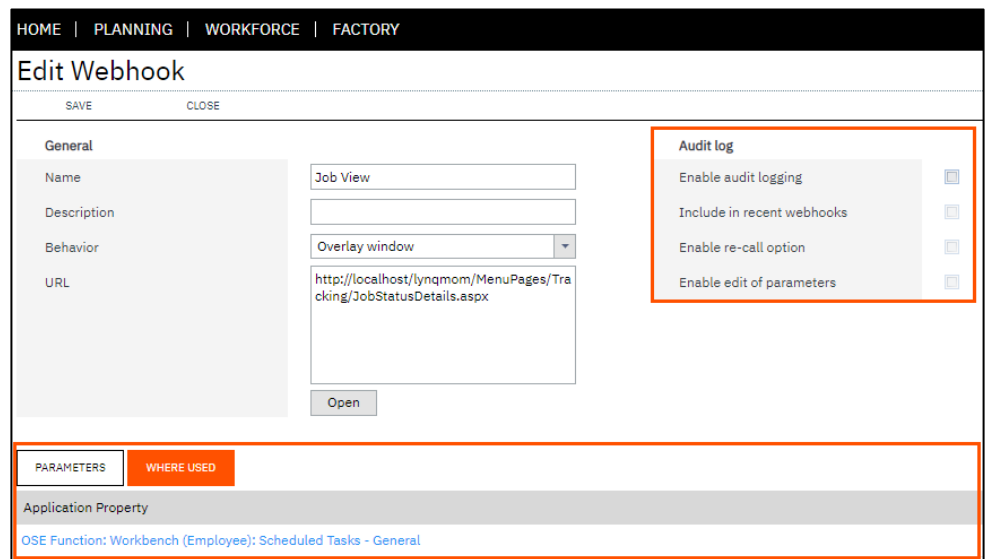
Recent Webhooks

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

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

Where can I see the change?

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



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

Scanning

The QR code can now be scanned directly from the screen

Previously the QR Code was provided as a sample only. This now correctly returns the Job URL if scanned.


Where can I see the change?

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

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%	287%
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

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

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

Where can I see the change?

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: Auto (Backflush)
- Default backflush method: Approve Backflush
- Use extended details: Approve Backflush
- Allow over issue: No Backflush
- Use validation: No Backflush

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

- Approve Backflush
- Auto Backflush
- No Backflush

New Material Backflush Settings

Backflush Option

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

New Material Backflush Option on the Report Screen

00000000000534.1.Run

Details:		Report:	
Start Date	11/30/2018 12:00 AM	Quantity (Job Receipt)	1 <input type="text"/> <input type="button" value="-"/> <input type="button" value="+"/>
Activity	Run	Scrap	0 <input type="text"/> <input type="button" value="-"/> <input type="button" value="+"/>
Job	534	Scrap Reason	<input type="text"/>
Stock Code	B600	Comments	<input type="text"/>
Description	Bicycle - Girls Medium	Equipment	DRILL / DRIL01 <input type="button" value="..."/>
Operation	1	Material	Auto Backflush <input type="button" value="..."/>
Description	Bicycle Assembly	Status	No change <input type="button" value="..."/>
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		

Enhanced Job Status for Machines

Customise Button

Use the customise button to add the additional machine columns to the screen. Enter Machine in the Field name field

Additional columns have been provided to assist with Machine Time analysis. In early releases of LYNQ the Jobs Status provided progress visibility by Labour 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 customisations 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)	

Machine fields

The screenshot shows the 'Grid Settings [Job Status]' interface. At the top, there are navigation links: HOME | PLANNING | WORKFORCE | FACTORY. Below the title, there are 'SAVE' and 'CLOSE' buttons. A 'Webhooks' section is visible with a plus icon. The main area contains a table with columns: Sequence, Sort, Field Type, and Field Name. The 'Field Name' column is highlighted with an orange border. The table lists several machine-related fields:

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

Production Status

The same changes apply to the Production Status Report.

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

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 %	267%
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

Functions with time split

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

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

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

The screenshot shows the 'Scheduled Tasks' configuration interface. The 'Job List' section is highlighted with a red box, indicating the new time split options. The 'Split time by employee' and 'Split time by machine' dropdown menus are both set to 'Split Evenly'. Other settings include 'Allow multi-jobbing' (checked), 'Use period to filter' (checked, set to '+/- 3 days'), and 'Show/hide operations' (button).

New Indicators in the Workbench

Vertical Indicator Bar

The vertical indicator bar to the left of the machine indicators will change colour depending on colour coding of your diversions

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.

Where can I see the change?

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

New Status Indicators

The screenshot displays the LYNQ Workbench interface. At the top, there are two user cards: one for SANDY CORNFIELD and another for DRILL / DRIL01. Below these is a 'Job list (+/- 3 days)' table. The table has columns for Start Date, Activity, Job, Stock Code, Description, Operation, Qty (Planned), Qty (Today), Scrap (Today), Remaining, and Hrs (Today). A red box highlights a specific job entry in the table. Below the table, there are several control buttons like Start, Stop, Report, and Job View. At the bottom, there is a grid of icons for various functions such as Add Tasks, Recent Tasks, Barcode Entry, Break, Lunch, Meeting, Training, Issue Materials, Kill Issue, Messages, Production Issue, My Time, and End Day. On the right side of the interface, there are three circular status indicators for Availability (100), Performance (1), and Quality (100).

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	8600	Bicycle - Girls Medium	1	Bicycle Assembly	200.00	94.00	0.00	93.00	33.29

New hover-over in Transaction Review

Result Column

The Result column only appears on the Errors and All Tab

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.

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. At the top, there are navigation tabs: HOME | PLANNING | WORKFORCE | FACTORY. Below this is the title 'Transaction Review' and a set of filter tabs: SUBMITTED, APPROVED, ERRORS, ALL (highlighted in orange), and EXCLUDED. Below the tabs are action buttons: APPROVE, UNPOST, NEW, EDIT, COPY, EXCLUDE, and DELETE. A section below the buttons says 'Drag a column header here to group by that column'. The main table has columns: Result, Notes?, Trx Date, Status, Employee, Equipment, and Task. A row is selected, and a tooltip is visible over the 'Result' cell. The tooltip contains the following text: '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

Validation Rules

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

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.

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 No change

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

Validation Rules

Warn

Do not validate

Activity marked as completed while there is remaining quantity to produce.

Activity marked as un-completed while there is no remaining quantity to produce

OK

Enhanced Job Card Add Transaction

Why not before?
No comment!

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

The screenshot shows the 'Job Card' view in the LYNQ system. The navigation bar includes HOME, PLANNING, WORKFORCE, and FACTORY. The 'Job Card' title is displayed. Below the title, there are tabs for SUMMARY, BY TASK, BY OPERATION, BY MATERIALS, SUB JOBS, SCHEDULE, and TRANSACTIONS. The 'BY OPERATION' tab is selected. A QR code is visible on the left. The main content area displays job details: Job: 537, Item: B711, Description: Diamond Frame - Girls Large, Project, Customer, and Sales Order. On the right, there are statistics: To Make: 10.00, Manufactured: 0.00, Scrapped: 0.00, Planned Hours: 20.16, Actual Hours: 133.79, and Remaining Hours: 0.00. At the bottom, there is an 'Operations' section with an 'ADD TRANSACTION' button highlighted in red.

Tasks relevant to the Job

The screenshot shows the 'New Transaction' form in the LYNQ system. The navigation bar includes HOME, PLANNING, WORKFORCE, and FACTORY. The 'New Transaction' title is displayed. Below the title, there are buttons for SAVE and CLOSE. The form is divided into a left sidebar with categories like General, Trx Date, Employee, Membership, Task, Equipment, Labor (Hrs), Classification Value, Comments, and Additional. The main content area shows a 'Trx Date' of 7/11/2019 and a 'Task' field with a dropdown menu. To the right, there is a status flow diagram with three circles: Excluded (with an X), Submitted (with a minus sign), and Approved (with a checkmark). Below the diagram is a 'Not posted' button. The 'Select Task(s)' section has two radio buttons: 'Tasks' (selected) and 'Predefined Tasks'. Below this is a table with columns: Job, Stock Code, Description, and Operation. The table lists 12 rows of tasks, all with Job: 537, Stock Code: B711, and Description: Diamond Frame - Girls Large. The 'Operation' column shows values 1, 2, 2, 2, 3, 3, 4, 4, 5, and 5. The first row is highlighted in red.

Enhanced Edit Transaction Ability

Why not before?

Due to the way that the data was structured in the tracing tables, it was difficult to edit all fields captured against the transaction. The structure of data storage has been improved to allow the editing of data.

In previous versions of LYNQ 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:

1. Transaction Date
2. Employee Code
3. Membership Code
4. Task Code
5. Labour Hrs
6. Classification Value

Transaction Edit

The screenshot displays the 'Edit Transaction' interface. The top navigation bar includes 'HOME', 'PLANNING', 'WORKFORCE', and 'FACTORY'. The main title is 'Edit Transaction'. Below the title are 'SAVE' and 'CLOSE' buttons. The 'General' section on the left lists the following fields:

- 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

On the right side, there is a status flow diagram with three stages: 'Excluded' (marked with an 'X'), 'Submitted' (marked with a minus sign), and 'Approved' (marked with a checkmark). A 'Not posted' box is located under the 'Submitted' stage. Below the diagram is the text 'Posting Message'.

Enhanced Scheduled Events

Manual Action

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

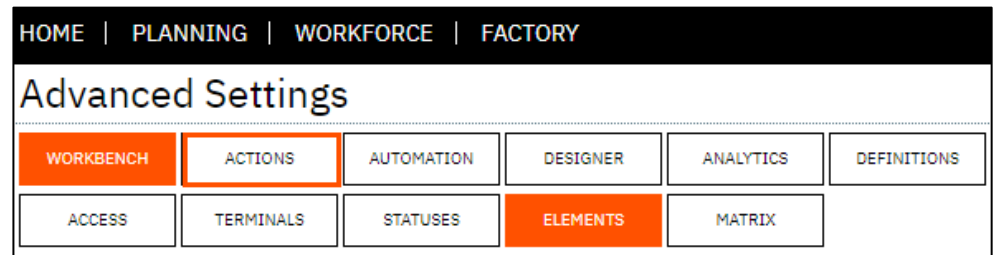
The scheduled events feature has been renamed to Actions. This was changed to re-align the feature to its new improved behavior where events can be triggered manually from screens within the application and not necessarily on a fixed or recurring time basis.

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.

Where can I see the change?

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

Actions appear as a separate tab



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	

Enhanced Scheduled Events

Actions

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

Option for Manual Execution

Perform Actions from the Status Screens Card View (Single)

Perform Actions from the Status Screens List View (Multi)

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

Powerful Report

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

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.

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

The screenshot shows the 'Advanced Settings' window with the 'GENERAL' tab selected. A red box highlights the 'Financial Loss' section, which contains the following settings:

Setting	Value
Labor rate	25.00
Employee revenue rate	126.00
Overhead rate	35.00
Equipment revenue rate	170.00
Financial loss currency	\$

New Rate settings in Equipment Maintenance

The screenshot shows the 'Equipment Maintenance' window for 'MBFA / MBFA01'. A red box highlights the 'Overhead rate' and 'Revenue rate' fields in the 'Properties' section, with values of 35 and 80 respectively.

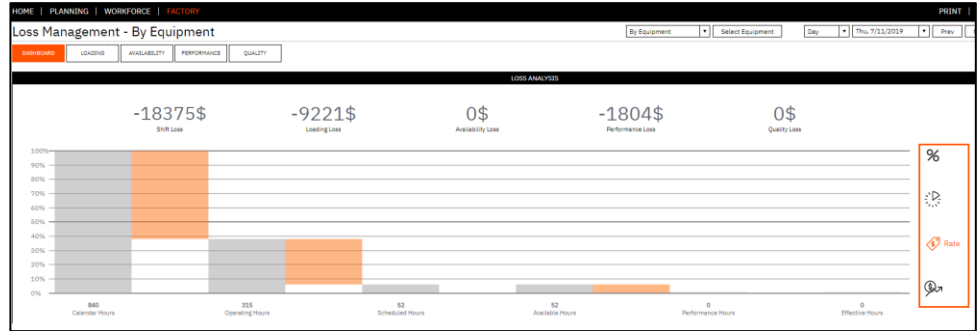
Property	Value
Overhead rate	35
Revenue rate	80

Enhanced Loss Management Report

Powerful Report

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

The Loss Management Dashboard displays realisation 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.



Different Visualisations 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