

9.4.0

12/02/2026 10:02 am GMT

Relates to version

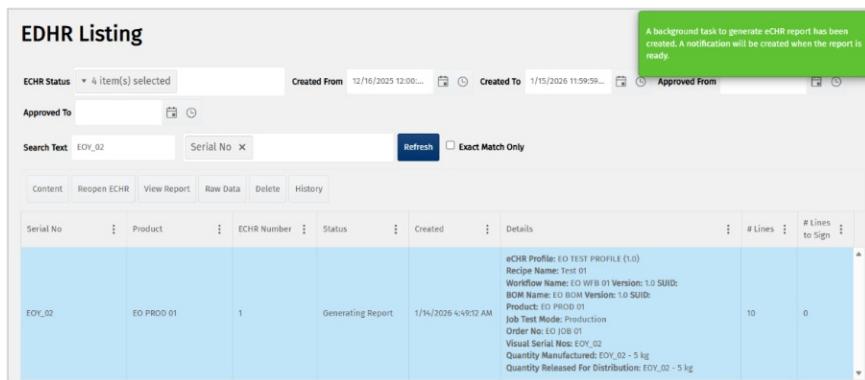
Tags: [9.4](#)

eCHR

Generation of HTML report to Calc Task

Some ECHRs can extend to hundreds of pages. To enhance user experience and prevent prolonged loading times or timeouts, the generation of this HTML report now occurs in the background, enabling users to continue their tasks while the report is being prepared.

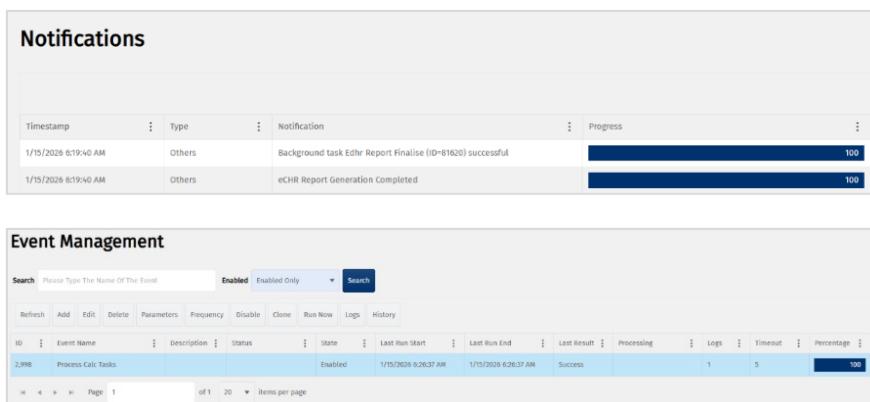
- Whilst the final HTML report is generated, the eCHR is locked for any other updates. The status of the eCHR is 'Generating Report'. Once the report is ready, the eCHR status is updated to 'Pending Approval'.



The screenshot shows the 'EDHR Listing' screen. At the top, a green banner indicates: 'A background task to generate eCHR report has been created. A notification will be created when the report is ready.' The main table lists an eCHR entry with the following details:

Serial No	Product	ECHR Number	Status	Created	Details	# Lines	# Lines to Sign
EOY_02	EO PROD 01	1	Generating Report	1/14/2026 4:49:12 AM	eCHR Profile: EO TEST PROFILE (1.0) Recipe Name: Test 01 Workflow Name: EO WFB 01 Version: 1.0 SUID: BOM Name: EO BOM Version: 1.0 SUID: Product: EO PROD 01 Job No: EO PROD 01 Order No: EO Job 01 Visual Serial Nos: EOY_02 Quantity Manufactured: EOY_02 - 5 kg Quantity Released For Distribution: EOY_02 - 5 kg	10	0

- You are notified that a background task has been created for the Calc Tasks event to process and you are notified when the event has run and has completed.



The screenshots show the 'Notifications' and 'Event Management' screens. The 'Notifications' screen displays two entries:

Timestamp	Type	Notification	Progress
1/15/2026 8:19:40 AM	Others	Background task Edhr Report Finalise (ID=61620) successful	100
1/15/2026 8:19:40 AM	Others	eCHR Report Generation Completed	100

The 'Event Management' screen shows a table of events, with one entry for 'Process Calc Tasks':

ID	Event Name	Description	Status	State	Last Run Start	Last Run End	Last Result	Processing	Logs	Timeout	Percentage
2,998	Process Calc Tasks		Enabled		1/15/2026 8:26:37 AM	1/15/2026 8:26:37 AM	Success		1	5	100

Handling of repairs within the original manufacturing eCHR

In most cases, once an item is manufactured, the eCHR can be closed and the item can be sold or used. In some cases, issues are found post-manufacture that must be resolved before the item can be sold or used. It may be important that any additional work done on the item post-manufacture should also be recorded in the eCHR.

When you raise a repair post-manufacture, before the original eCHR is closed, the repair information will be stored in the original eCHR (if configured to do so). If the original eCHR is closed, it must be manually re-opened before a repair workflow that is configured to collect data into an eCHR can be started.

Serial number changes resulting from the repair workflow will be stored as a compulsory record in the eCHR profile.

eCHR Line Type: Case Data

Case Data may be configured for inclusion in an eCHR. There are two reasons for using case data:

- As purely transitional / transactional (not relevant for inclusion in the eCHR).
- Record decisions (inclusion in an eCHR under Case Data Line Type). An example of this type of case data is a recording of a Pass/Fail of an item based on a check result set or rework / scrap / concession decision on a non-conformance, including any additional information for the decision.

eCHR Report Approval Status displayed clearly

The status of the eCHR is now clearly displayed on the printable eCHR report and highlighted in red if not approved.



The screenshot shows a report header with the 'eyelt TECHNOLOGIES' logo and the title 'eCHR Report'. Below the title, a red banner reads 'DRAFT ONLY - REPORT NOT APPROVED - INFORMATION AS OF: 09 February 2026'. The main content area is titled 'eCHR Header - English (United Kingdom)'. It contains several lines of text with small red highlights: 'eCHR Profile: IAX Profile (8.0)', 'Workflow Name: SA Testing Recipe 1', 'Workflow Version: 1.1 SUID', 'BOM Name: SA Testing Mat 1', 'BOM Version: 1.0 SUID', 'Part No: SA Testing 123 Prod', 'Job Test Mode: Production', 'Order No: WCO1192', 'Visual Serial Nos: DW0007-d94', 'Quantity Manufactured: DW0007-d94 - 0 KG', and 'Quantity Released For Distribution: DW0007-d94 - 0 KG'. Below this is a 'Contents' section and a 'BoM' table. The 'BoM' table has columns: Item, Slot, Slot Type, Required, Child Product, Quantity, and Unit. It lists two items: 'Mat 1_1' and 'Mat 1_2', both with 'DW-BedSfty1' slot type, 'No' required, 'DW-ProdProfile4.0' child product, '2' quantity, and 'KG' unit.

Increased control of eSign Profiles

The signature requirements from eSign Profile may be edited. This means that current signature requirements may differ from the requirements that were in place when a signature was collected in the past.

By default, editing these profiles are prohibited, but we added a permission, "Edit Used Signature Profile", to allow you to edit an eSign Profile if you need to.

The signature profile revision history shows what requirements were in place at any given time, but you typically don't want to edit the requirements for a signature profile that has been used to avoid confusion.

Label Printing

Workflow copy

If the workflow you were copying was using the latest version of a finished product label for product X, it allows you to use the latest version of that product label for product Y.

Workflow approval validation

A workflow cannot be set to Virtual Test / Pending Pre-prod / Pre-prod / Pending Approval / Approved if a label print action is missing a product label or references a product label that is not linked to the product that the workflow is created against.

Improved label printer management

There are now additional pop-ups to help manage the assignment of label designs to label printers from both the label design screen and the label printer screen.

- On the Label Design screen, a Label Printers button is added and can assign / unassign label printers to label designs (including a device filter if helpful).
- On the Label Printers page, the existing pop-up to assign label designs now has an additional search text box for label design to help the user find the correct designs quickly and accurately.
- Label printers can be assigned/unassigned.

UI for test printing Standard labels

Previously, you could only test-print a Product label but not a Standard label. In 9.4, you can print both Product and Standard labels. On the label design screen there is now a test -print button, allowing you to select a label design version and create a test print.

Further improvements to Label Printing

- Previously, to link a device to a label printer you had to do it from the Label Printers screen, but now you can also do it from the Devices screen.
- You can select a Label Design version and click 'Download btw file' to download the file.
- The Label Types screen is now available from the main menu, not just from the Label Printing screen. Enhancements to the Label Type screen have also been made.
- The Label Print service management has been improved to allow you to easily check the status of the label print service from the website. Furthermore, the support team can very quickly ascertain the status of the label print service.
- Several improvements have been made to the Label Design Management screen , including additional information and more filters.

Old Label Design screen							
Label Design							
Show: All							
New Design	Upcoming (Mark)	Label Types					
Name	Version	Label File Name	Sql Statement	Label Type	Is Product Related	Field Count	Live Status
+ 1.DW_LabelDesign[Apr-Req]				1.DW_LabelType1			
+ 1.DW_LabelDesign[Apr-Req]				1.DW_LabelType2			
1.DW_LabelDesign[Apr-Req]	1			1.DW_LabelType3	Yes (0)	0	Green
+ 1.DW_LabelDesign[Apr-Req]				1.DW_LabelType4			
+ 1.DW_LabelDesign[Apr-Req]				ProductLabel			
+ 1.DW_LabelDesign[Apr-Req]				DLLabelType			
T3Organisation1	1	DW_LabelTemplate1.ttw		DLLabelType	Yes (0)	0	Green
+ T3Organisation1				AlphaLabelType			
+ T3Organisation1				DLLabelType			
+ 22125 PLD				ProductLabel			

New Label Design screen							
Label Design							
Label Design Name							
Label Design Name	Search	Label Type	Label Type	In Product Related	Show Only Live Versions	Search	
Barcode File Name	Search						
New Design	Edit	Delete	Upload Template	Fields	Upcoming (Copy)	Label Types	Product Labels
History						Label Printers	Download BW File
+ Jettable1112		Default		No			
					1	MR_FinishedGoods.ttw	LabelData_TEST
					2	MR_FinishedGoods.ttw	LabelData_TEST
					3	MR_FinishedGoods.ttw	MRLabelSQLTest1
					4	MR_FinishedGoods.ttw	LabelData_TEST
+ PetersTest2 [PROD]		ProductLabel		Yes			
					1	TestTemplate1.ttw	PetersLabelPrintTest2
					2	TestTemplate1.ttw	PetersLabelPrintTest2
					3	TestTemplate2.ttw	PetersLabelPrintTest2

Public API

Organisations

Organisations can be managed using the Public API.

Organisation		Show/Hide	List Operations	Expand Operations
PUT	/api/Organisation/Upsert			Creates or updates a Organisation record.
POST	/api/Organisation>List			Lists Organisation records by filter.
DELETE	/api/Organisation/Delete			Delete Organisation by ID.

BOM Upsert

The BOM Upsert endpoint has been enhanced to be able to take a full BOM structure in one payload, which consists of BOM, BOM Version, BOM Slot and Candidates. Previously, each section in the payload needed to reference the parent section, for example the BOM Version had a required field for the BOM.

Upsert on Unique fields

You can call the following upsert endpoints without an ID (where the entity exists then the ID is retrieved from the unique field, i.e., name).

- /api/BOMSlot/Upsert
- /api/BOMSlot/UpsertCandidates
- /api/BOMSlot/UpsertProperties

Quality

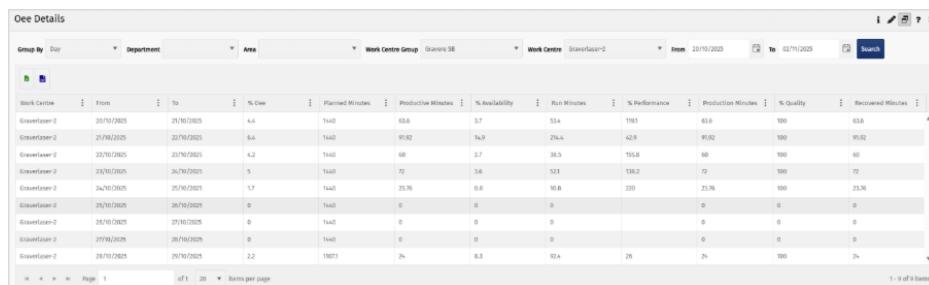
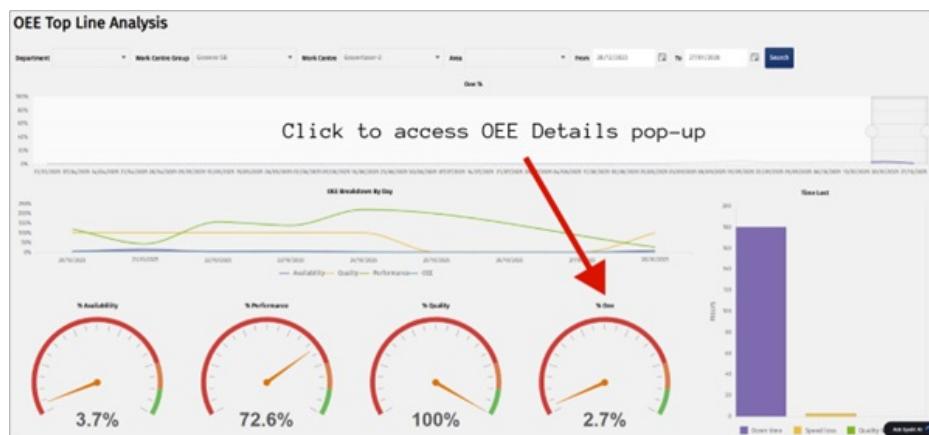
It is possible to configure specifications where the upper and lower specification limits are the same. This is required where the target value is fixed and no tolerances allowed.

Reporting

OEE Details report

Improvements have been made to the OEE Details pop-up which is now also accessible from the OEE Top Line Analysis screen by clicking the OEE dial:

- Filters for Department, Work Centre Group, Work Centre, and date range.
- Provides the details about the elements of OEE on a work centre on a period-by-period basis, such as, Run Minutes, Production Minutes, Speed Loss Minutes, Rework Minutes, Scrap Loss Minutes, etc.
- The report allows export to Excel and CSV.

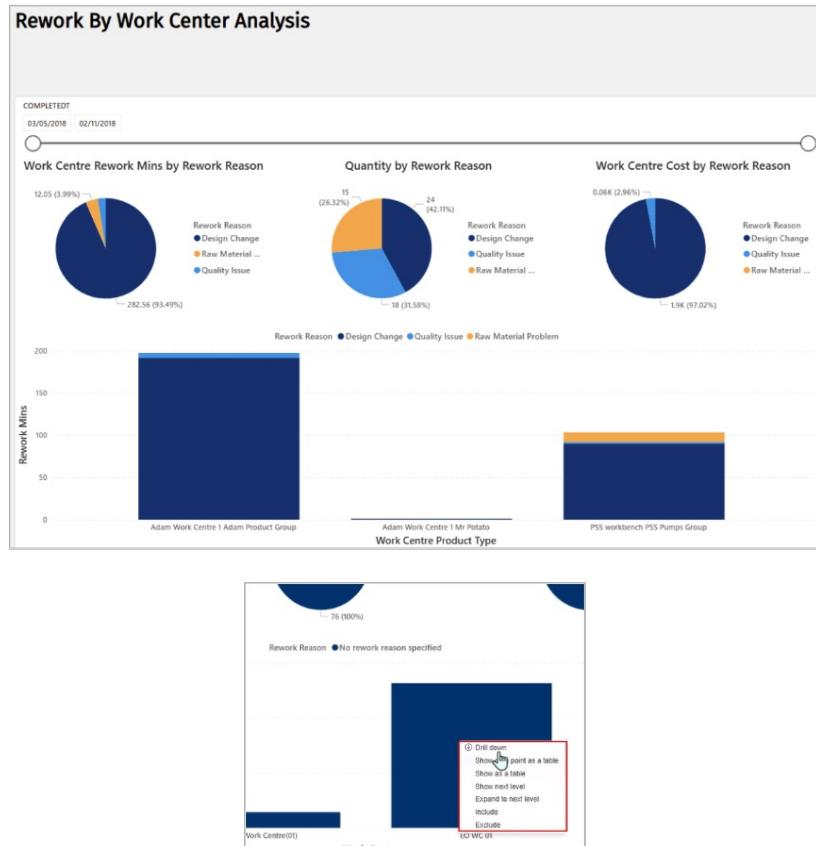


Work Centre	From	To	% OEE	Planned Minutes	Productive Minutes	% Availability	Run Minutes	% Performance	Production Minutes	% Quality	Recovered Minutes
Graveller-2	20/10/2025	21/10/2025	4.6	1440	63.0	3.7	53.4	193	63.0	100	63.0
Graveller-2	21/10/2025	22/10/2025	6.6	1440	95.92	74.0	274.4	42.9	95.92	100	95.92
Graveller-2	22/10/2025	23/10/2025	4.2	1440	60	2.7	38.5	103.8	60	100	60
Graveller-2	23/10/2025	24/10/2025	5	1440	72	3.6	52.3	138.2	72	100	72
Graveller-2	24/10/2025	25/10/2025	1.7	1440	23.70	0.8	10.8	220	23.70	100	23.70
Graveller-2	25/10/2025	26/10/2025	0	1440	0	0	0	0	0	0	0
Graveller-2	26/10/2025	27/10/2025	0	1440	0	0	0	0	0	0	0
Graveller-2	27/10/2025	28/10/2025	0	1440	0	0	0	0	0	0	0
Graveller-2	28/10/2025	29/10/2025	2.2	18023	24	0.3	92.4	26	24	100	24

Rework by Work Centre Analysis Power BI report

The report displays the layout, filters, and visualisations based on Rework Minutes, and updates according to applied filters.

Pie charts and stacked column charts are shown. The report supports hierarchical drilldowns to visualise more granular detail.

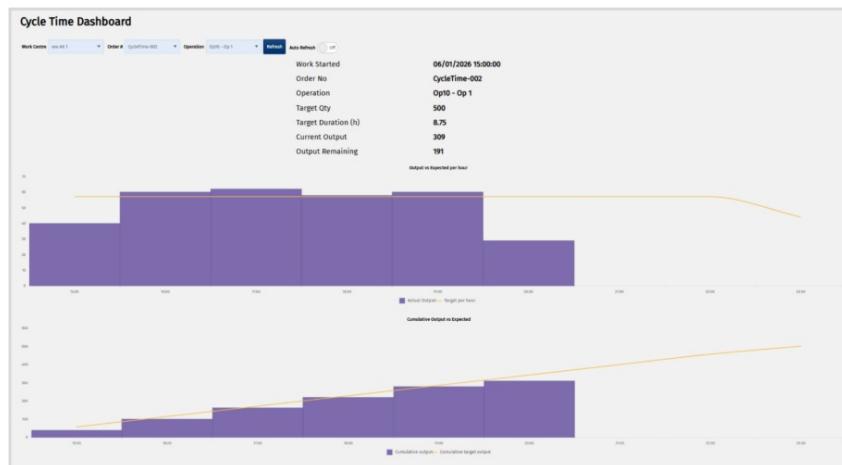


New Cycle Time Dashboard

The Cycle Time Dashboard was designed to help customers track current status vs standard cycle time for long running jobs. It is useful for customers that might be running an operation for several hours, with partial completions at regular intervals.

The report compares actual completions vs expected completions based on std times for the operation in question.

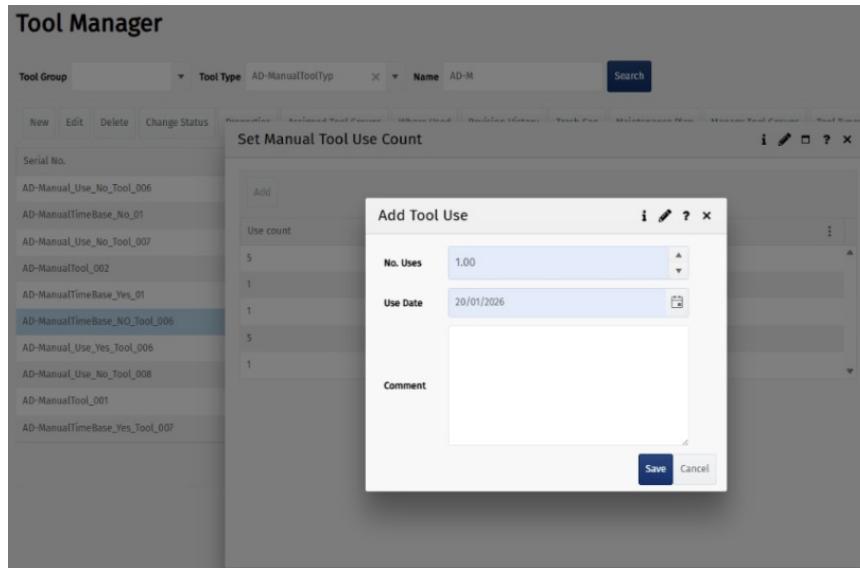
The dashboard displays job, operation, timing, and production metrics, including hourly and cumulative output versus expected values, based on the executed workflow and job data.



Tooling

Manual Tool Use Count

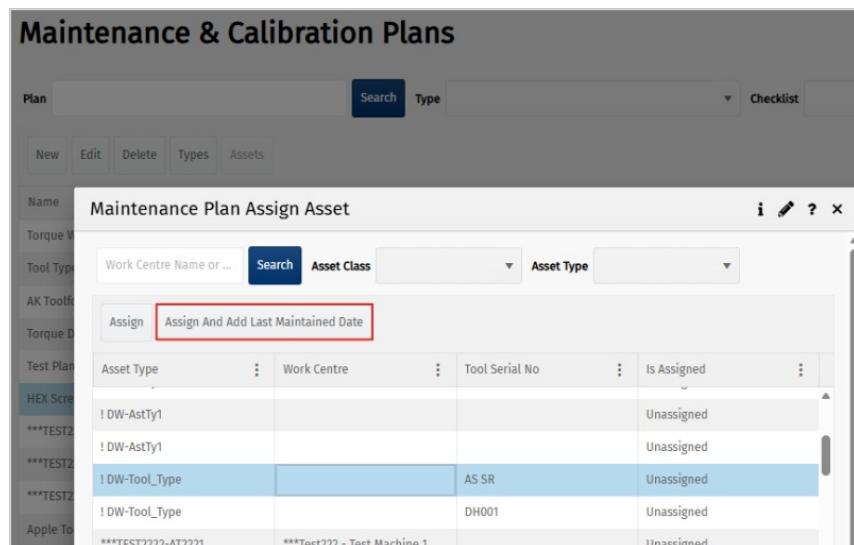
When adding a new tool in MES, you can optionally record its current use count. This is helpful if you know the tool's usage, especially during implementation when it may be mid-calibration or maintenance. Setting the existing use count ensures maintenance occurs at the correct interval. Note that you must also provide a date of the last maintenance in the 'Record Maintenance Completion' pop-up the tool's maintenance to be tracked.



Improvements to Maintenance & Calibration Plan functions

If you are setting up a critical maintenance plan with a due date that can't be missed, you must provide the date of the last maintenance.

When you select a tool that is on a time-based maintenance plan in the Maintenance Plan Assign Asset pop-up, you have a choice of assigning it to the Maintenance Plan or you can select to "Assign and add last maintained date".



When adding a new maintenance plan to an existing tool:

Time-based maintenance

If the maintenance type is time-based and does not allow use out of maintenance limits, it is compulsory to populate a 'last maintained' date.

Use-based maintenance

If the maintenance type is use-based and does not allow use out of maintenance limits, it is compulsory to set a 'last maintained' date.

Workflow

Configure recovery mode at Operation node

Previously, the system would force you to define one recovery mode for the whole workflow . In 9.4, you can define recovery modes at operational level giving you more granularity which makes the recovery more insightful and accurate.

If a Default Recovery Mode is set at workflow level, every operation in that workflow will be restricted to that mode. The behaviour recovery mode is always determined by the operation setting. If the Default Recovery Mode is set to "No Recoveries", then a recovery mode can be set for each operation. For more information on Recoveries, see [Overall Labour Productivity](#) documentation.

For example, you might have a moulding machine followed by 4 operators assembling. You might want a different recovery mode for the machine because you calculate efficiency in a different way to people doing assembly. So, on a moulding line you might have a recovery on *Operation Completion* mode that is shared across the people in that area. On assembly, if each person is doing their own work, you might want *Op Qty Completion* mode which assigns recoveries to each person for their completions.

Edit Operation Node

Activity	Painting
Name	Painting
Work Centre Group	Adam Work Centre Group DO NOT USE [2 valid workcenter(s)]
Work Centre	
Stat Profile	Default
Default Asset Status	Running
Capacity Required	1.0000
Completion Mode	Complete
Std Fixed Labour Mins	Std Fixed Workcentre Mins
Std Variable Labour Mins	Std Variable Workcentre Mins
Planned Setup Mins	Planned Run Work Content Mins
Planned Run Fixed Mins	Planned Run Variable Mins
Partial Qty Mode	Disabled
Partial Completion Default Qty	Scrap Mode
Lead Time Days	Recovery Mode
<input checked="" type="checkbox"/> Allow Concurrent Users <input checked="" type="checkbox"/> Required <input type="checkbox"/> Allow Action Choice <input checked="" type="checkbox"/> Allow Span Off Shift	
<input checked="" type="checkbox"/> Allow Retrospective <input checked="" type="checkbox"/> Allow Forward Bookings <input checked="" type="checkbox"/> Include On Plan <input type="checkbox"/> Sub Contract <input type="checkbox"/> Allow Scrap	