9.4.0

11/03/2026 4:26 pm GMT

Relates to version

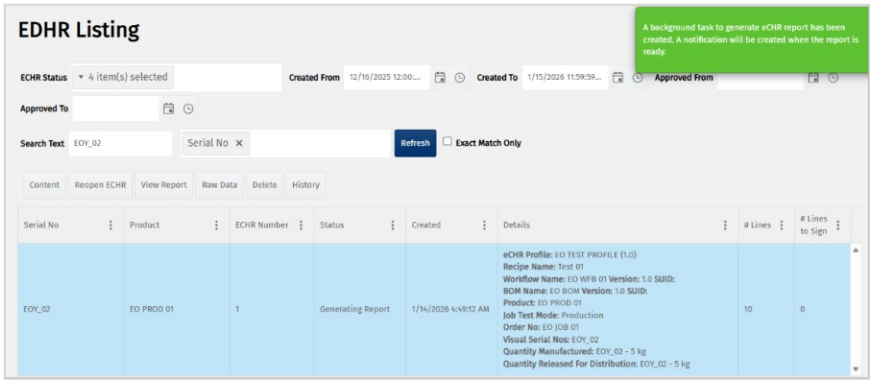
Tags: 9.4

eCHR

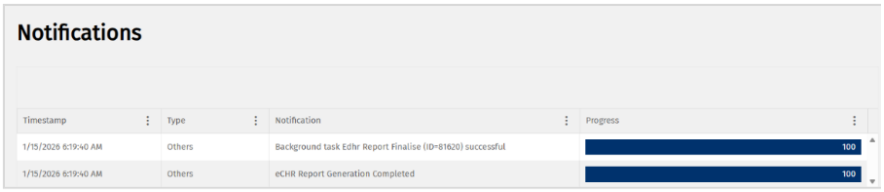
Generation of HTML report to Calc Task

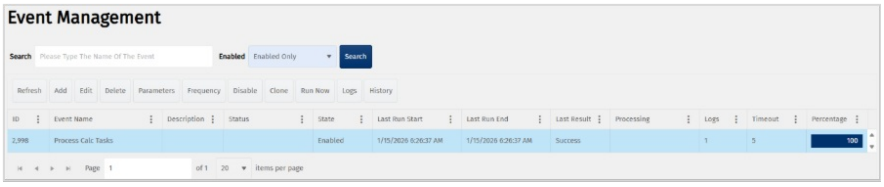
Some ECHRs can extend to hundreds of pages. To enhance user experience and prevent prolonged loading times or timeouts, the generation of this HTML report now occurs in the background, enabling users to continue their tasks while the report is being prepared.

- 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'.



- 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.





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.

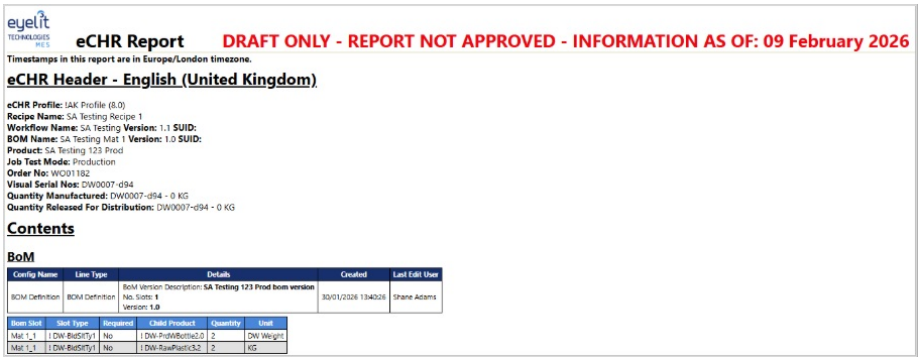
eCHR Line Type: Case Data

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.


eyelit TECHNOLOGIES MES

eCHR Report DRAFT ONLY - REPORT NOT APPROVED - INFORMATION AS OF: 09 February 2026

Timestamps in this report are in Europe/London timezone.

eCHR Header - English (United Kingdom)

eCHR Profile: IAK Profile (8.0)
Recipe Name: SA Testing Recipe 1
Workflow Name: SA Testing **Version:** 1.1 **SUID:**
BOM Name: SA Testing Mat 1 **Version:** 1.0 **SUID:**
Product: SA Testing 123 Prod
Job Test Mode: Production
Order No: WO0182
Visual Serial Nos: DW0007-d94
Quantity Manufactured: DW0007-d94 - 0 KG
Quantity Released For Distribution: DW0007-d94 - 0 KG

Contents

BoM

Config Name	Line Type	Details	Created	Last Edit User
BOM Definition	BOM Definition	BoM Version Description: **SA Testing 123 Prod bom version** No. Slots: **1** Version: **1.0**	30/01/2026 13:40:26	Shane Adams

Bom Slot	Slot Type	Required	Child Product	Quantity	Unit
Mat 1_1	I DW-BidSltTy1	No	I DW-PrdMBottle2.0	2	DW Weight
Mat 1_1	I DW-BidSltTy1	No	I DW-RawPlastic3.2	2	KG

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 al lows 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.

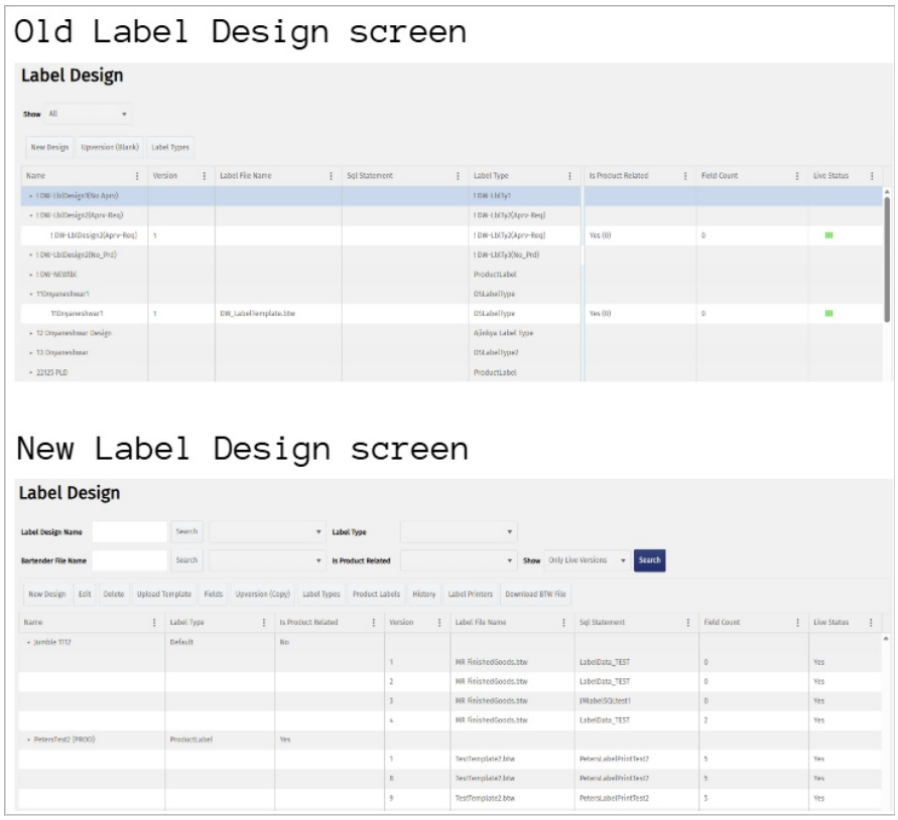
- On the Label Design screen, a Label Printers button is added and can assign / unassign label printers to label designs (including a device filter if helpful).
- On the Label Printers page, the existing pop-up to assign label designs now has an additional search text box for label design to help the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

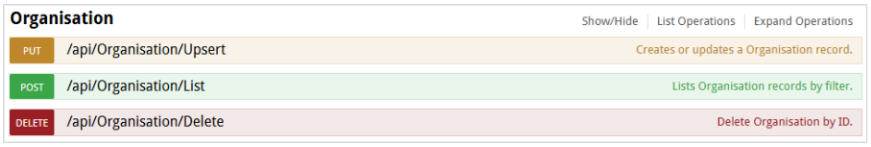
- Previously, to link a device to a label printer you had to do it from the Label Printers screen, but now you can also do it from the Devices screen.
- You can select a Label Design version and click 'Download btw file' to download the file.
- The Label Types screen is now available from the main menu, 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.



Public API

Organisations

Organisations can be managed using the Public API.



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

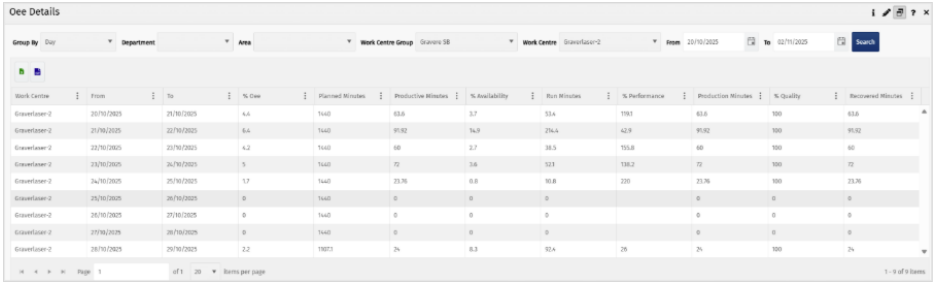
It is possible to configure specifications where the upper and lower specification limits are the same. This i s required where the target value is fixed and no tolerances allowed.

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:

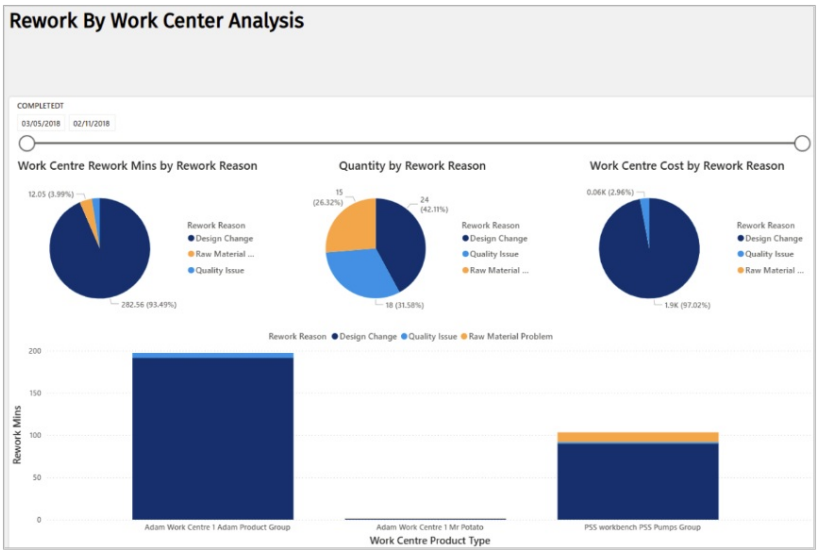
- Filters for Department, Work Centre Group, Work Centre, and date range.
- Provides the details about the elements of OEE on a work centre on a period-by-period basis, such as, Run Minutes, Production Minutes, Speed Loss Minutes, Rework Minutes, Scrap Loss Minutes, etc.
- The report allows export to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

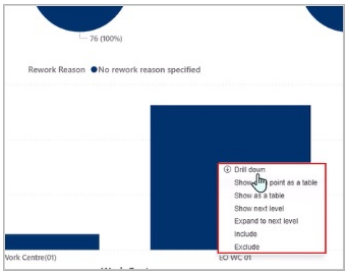


Rework by Work Centre Analysis Power BI report

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.

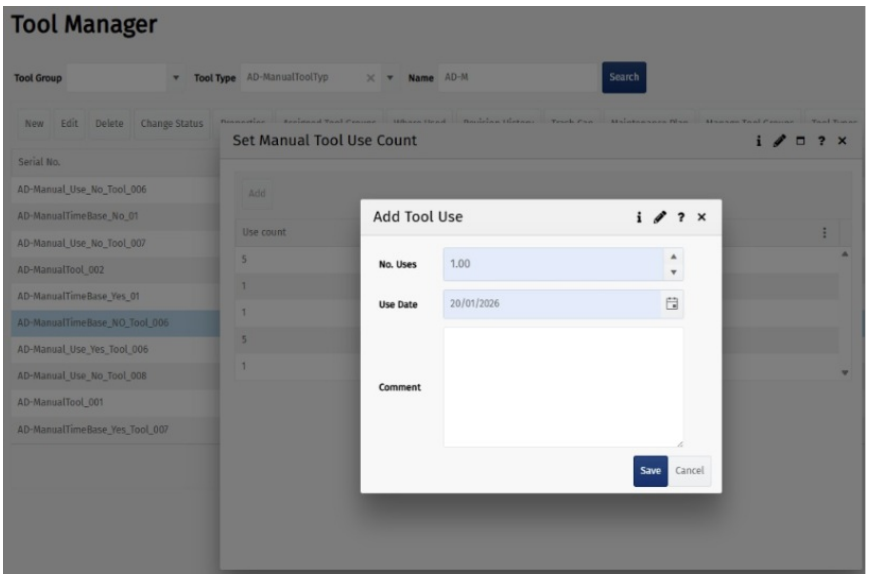




Tooling

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.



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.