

# 8.2.0

11/11/2024 9:10 am GMT

[Relates to version](#)

Tags: 8.2

## Checklists

The checklist feature has been improved and enhanced in release 8.2.

### Edit e-signed results set

It is sometimes necessary to re-open check results and update or correct results. This was previously only possible for check results that had not been e-signed. In 8.2, if you have the appropriate permissions, you can access a check results set in the **Item Status** screen and edit the results. This can be done for any results, both those requiring an e-signature and those that do not.

The e-signature requirements for the results set will apply when updating.

Note that revision history is always retained.

### Multiple samples

The system supports the ability to input multiple check results (samples or positions) for an attribute, variable field or text input. The image below shows the workstation screen which displays the multiple input fields.

There is now the ability to manage the sequence in which these samples are presented to the shopfloor operator by a drag and drop action in the **Step Detail** screen. You can also specify if a specific sample within a group is compulsory or optional.



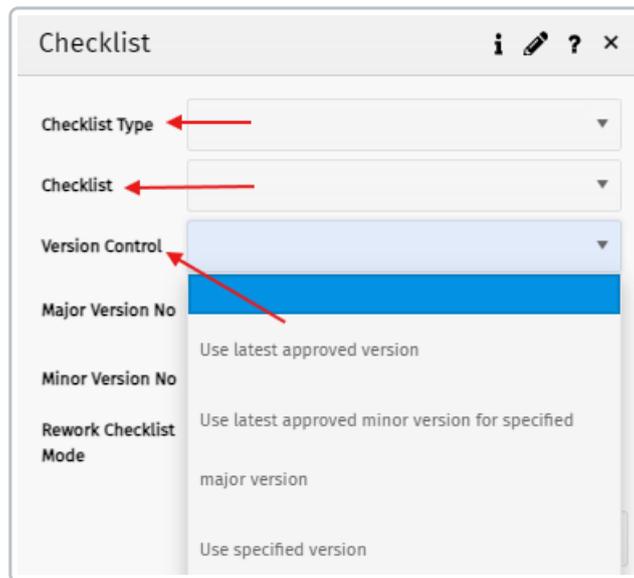
In the next release, checklists will see further enhancements to layout and formatting to improve usability.

### Choose checklist during execution

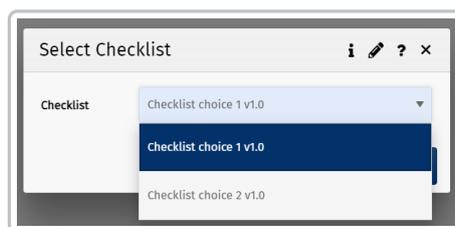
It is sometimes necessary to choose a checklist that is suited to what's required during execution. In 8.2, a checklist action can be configured to give the operator a choice of checklists at the point of execution.

When configuring a checklist action, the **Checklist** popup will be displayed. If you select a **Checklist Type** and leave the **Checklist** field blank, an operator will be prompted to select a checklist of that type at the point of execution. The **Version Control** selection will define which version of the checklist is listed for the operator to choose from.

If you select a specific **Checklist** (and leave the **Checklist Type** blank), only that checklist will be presented at the point of execution.

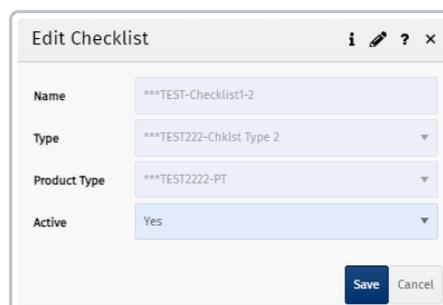


With just the **Checklist Type** selected, the operator will be given the option of selecting an approved checklist that belongs to the Checklist Type at the point of execution.



## Improved checklist version editing

When editing a checklist version, some fields in the checklist header could also be edited which not only caused confusion but would also impact all versions. Release 8.2 separated the editing of checklist headers and versions. When editing the checklist header, you cannot update the name, type or product type, but you could set it to be active or inactive.



When editing the checklist version in 8.2, you can update description, instructions and documents. The change only affects the selected version and not all versions.

The image shows a software window titled "Edit Checklist Version". It contains several input fields and buttons. At the top right, there are icons for information, edit, help, and close. The fields are: SUID (empty), Description (empty), Instructions (empty), Document Search (empty) with a "Search" button, Document (empty) with a dropdown arrow and an "Upload" button, Results eSign Permission (set to "\*\*\*TEST2222-eSigP2221" with a dropdown arrow), Notes (empty), Approval Status (set to "Approved" with a dropdown arrow), Approval From (set to "23/09/2024" with a calendar icon), and Approval To (empty) with a calendar icon. At the bottom right, there are "Save" and "Cancel" buttons.

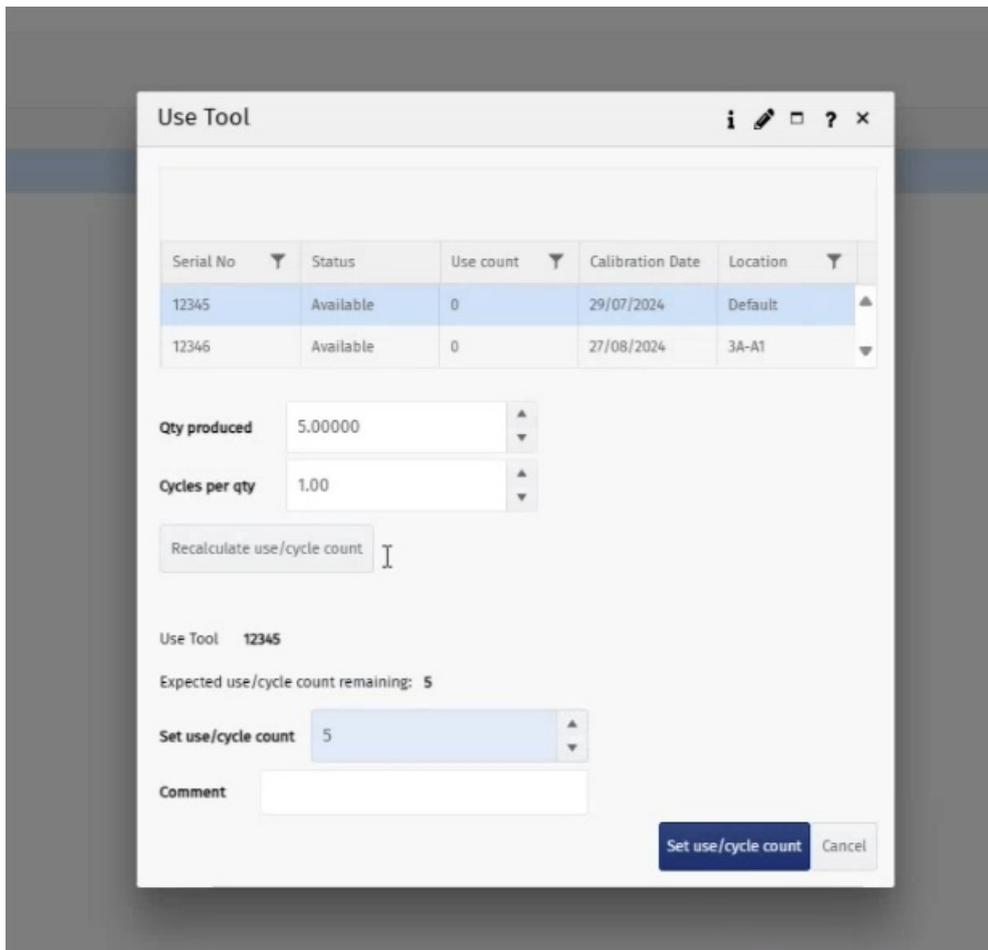
## Improved Tool Management

In previous releases, there were two ways of defining tool requirements in **Operation Actions**. One way was to add it using the **Tooling** button which could be configured against any action type that was added. Another way of defining tooling requirements was to add a **Tool Use** action. This was cause for confusion and made the configuration of the action more complicated.

In release 8.2, you can no longer define a tool on any action but can only use a tool in a **Tool Use** action.

The tool use capability was enhanced by allowing you to:

- Define how many times a defined tool would be used in the execution of that action.
- Specify if the tool use scales by specifying the **Use Count Per Qty**. For example, if it scales it means that the more items you make the more times you'll use it. A torque wrench is an example of a tool use that scales. If it's used 3 times per item, and you have 10 items, it will be used 30 times. An oven, however, may not scale. If you were baking 10 cakes or 50 cakes, the oven use would be once per cycle.
- Select a specific tool for the task and specify how many times it is used.
- Record multiple tools against the requirement. For example, when two people work on a job concurrently where they use two different tools to do the same thing.
- Swap tools halfway through possibly because of tool damage.
- Correct a mistake using the **Unuse** feature in cases where you selected an incorrect tool for the task. The original data recorded is retained in revision history.



## Universal Integrator

### Inbound Public API

In 8.2, the Job operation plan endpoints were added that allow times and status to be updated from external planning systems/ERP.

<b>JobOperationPlan</b>		<a href="#">Show/Hide</a>   <a href="#">List Operations</a>   <a href="#">Expand Operations</a>
<b>PUT</b>	<code>/api/JobOperationPlan/Update</code>	Make the given updates to the JobOperationPlan
<b>POST</b>	<code>/api/JobOperationPlan/List</code>	List JobOperationPlan by search filter

### Outbound Integration Triggers

The list of triggers for outbound integration was extended to include all material transactions:

- Material use
- Remove
- Scrap
- Receive
- Return to vendor
- Hold
- Release

- Move
- Stock Adjust
- Create WIP Item
- Complete Qty
- Assign to job
- Un-assign from job
- Pick
- Pick reverse
- Dispatch

BoM Version Update was also added as an integration trigger.

## Control Improvements

Further control enhancements were made in 8.2.

### Controlled shared actions

- Eyleit-MES allows you to create shared entities, such as shared actions, to reduce the administration burden when creating similar items with similar logic. It allows you to create the entity once which can then be referenced by multiple workflows.
- In regulated environments, the shared action needs to have enhanced control so that changes can't be made which could have unintended consequences across multiple workflows.
- It is impossible to change a shared action without impacting the workflows that are referencing it. To manage this, increased change control was put in place around shared actions:
  - A flag that indicates whether a shared action is controlled.
  - Specific permissions to edit controlled shared actions.
  - Revision tracking was added to shared actions.
  - Controlled workflows are not allowed to reference non-controlled shared expressions.
  - Only users with *Edit Controlled Entities* and *Shared Action Design* permissions are allowed to edit controlled shared actions.

### e-Sign specification edit

- Where an e-signature is required, you are prompted for one when editing a specification.
- The revision history shows who signed the specification.

The screenshot shows a software interface for editing product specifications. At the top, there are filters for 'Include Previous Versions' (set to 'No') and 'Status' (set to 'Active'), along with a 'Refresh' button. Below this, an 'eSignature' dialog box is open, prompting for a signature. The dialog box contains the following fields:

- Author:** Jui
- Title:** QA
- Sign Mean:** Product Specification Edit
- Signed Datetime:** 02/10/2024 11:23:25 (with a calendar icon)
- Comments:** test check

A 'Close' button is located at the bottom right of the dialog box.

## Workflow extensions

The following enhancements have been made to workflows and related functions:

### **Edit unused operation activity**

If an operation has never been used, you can edit its activity. Note that if an operation has been used then you must still up-version the workflow to change the activity for the operation.

### **Propagate new rev to existing job tasks**

When you up-version a workflow to make a change, there is an easier way to propagate it to existing jobs that are using that workflow.

## Multi-language improvements

In 8.2, a user's language can be selected from the new **Language** field in the **Add/Edit/New User** screen.

The image shows a 'New User' form with various fields and a dropdown menu for the Language field. The form includes fields for User Group, SUID, User Name, Full Name, Title, Password, Email, Default Team, Menu Item, Shift Selection, Manager, Holiday Entitlement (Hours), and Language. The Language dropdown menu is open, showing options: en-GB, da-DK, en-GB, fr-BE, and ko-KR. A red arrow points to the en-GB option in the dropdown menu. The form also has checkboxes for 'Enabled', 'Trust', 'Ignore password rule', 'Start in full screen', and 'Force password change'. At the bottom right, there are 'OK' and 'Cancel' buttons.

Field	Value
User Group	AK Group
SUID	
User Name	
Full Name	
Title	
Password	
Email	
Default Team	AK Team
Menu Item	
Shift Selection	Auto
Manager	
Holiday Entitlement (Hours)	
Language	en-GB

Enabled  Trust

Ignore password rule

Start in full screen

Force password change

By adding a named user, you consent to the storage of personal data for the purposes for which it is processed.

OK Cancel

## Flat file management

It used to be possible to see the upload status of a flat file, but not the upload status of each record within the file. Release 8.2 has improved the efficiency of importing flat files and introduced the capability to view the upload status of every record within a file.

### Bulk Import Status

STATUS	INSERTEDDT	PROCESSEDDT	MESSAGE	NUMBER_	NAME	DESCRIPTION	MENUITEM	LAE
Unprocessed	2024-09-25T14:42:14.056363Z			53192	Device 53192	Description for Device 53192	Products	tes
Unprocessed	2024-09-25T14:42:14.056363Z			53191	Device 53191	Description for Device 53191	Products	tes
Unprocessed	2024-09-25T14:42:14.056363Z			53001	Device 53001	Description for Device 53001	Products	tes
Unprocessed	2024-09-25T14:42:14.056363Z			53000	Device 53000	Description for Device 53000	Products	tes
Unprocessed	2024-09-25T14:42:14.056363Z			52999	Device 52999	Description for Device 52999	Products	tes
Unprocessed	2024-09-25T14:42:14.056363Z			52998	Device 52998	Description for Device 52998	Products	tes
Unprocessed	2024-09-25T14:42:14.056363Z			52997	Device 52997	Description for Device 52997	Products	tes
Unprocessed	2024-09-25T14:42:14.056363Z			52996	Device 52996	Description for Device 52996	Products	tes
Unprocessed	2024-09-25T14:42:14.056363Z			52995	Device 52995	Description for Device 52995	Products	tes
Unprocessed	2024-09-25T14:42:14.056363Z			52994	Device 52994	Description for Device 52994	Products	tes

Page 81 of 5700 10 items per page

## New branding

Release 8.2 introduced the new Eyelit Technologies MES branding. This includes updated logos, favicons and formats.



The screenshot shows a web browser window with the URL <https://dev820.mestec.net/#/menuitem/-3558>. The browser's address bar and the top navigation bar are highlighted with a red border. The navigation bar includes the text 'Eyelit Technologies MES', 'DEV820-8.2.0', 'Europe/London', 'Shane Adams', and 'Default/24 Hours'. Below the navigation bar is a search interface with a search box containing 'Menu Search...', a search button, and a search prompt: 'Search for a product, job, user, item or menu ...'. A sidebar on the left lists menu items: 'Menu Management', 'Products', 'Schedule Manager', 'Quality', 'System Admin', and 'Inventory'. Below the search box is a table with columns for 'Type', 'Item', and 'Description'.

