**8.8.0** 

Relates to version Tags: 8.8

# Change Release Documentation from PDF to Online

The following documentation is prepared with each software release:

- What's New
- Release Notes
- Permission Considerations

Historically, these documents were produced as PDFs which were emailed to some stakeholders. Additionally, the Install Logs in the UI, displays Release Notes (obtained programmatically from work items) and the What's New button (opens a PDF). The master What's New was also published in Eyelit MES's product knowledge base.

Both the Release Notes and the Permission Considerations are displayed in the Release Contents table in Install Logs, and there is a button in Install Logs that opens the What's New in the product knowledge base.

Install Logs									
Release Contents Project Tasks Whats New									
Version	:	Installed	:	Release Contents	:	Project Work			
8.9.0		29/05/2025 12:40:10		154		0			
8.8.0		25/04/2025 13:02:27		85		0			
8.7.0		20/03/2025 16:31:40		105		0			
8.6.0		11/02/2025 12:41:30		107		0			
8.5.0		06/01/2025 14:38:53		113		0			

Release	telease Contents										
8						/					
Туре	:	ID	:	Impact Area	Release Note	Permission Considerations	1				
🌒 Bug		27455		Workstation	device id not populated on load of workstation when log in device mode						
🔹 Bug		27432		Application Framework	kendo.setOptions on grids breaks customization parameters due to eyelit custom paging						
🏚 Bug		27420		Workstation	Build action status column not being colored						
🌢 Bug		27416		Workstation	Resolved. System correctly manages BoM versioning, slot configurations, workflow linkage, partial completion handlin and build slot tracking across versions.						

# Expose the Public API Documentation through UI

API documentation is now easily accessible from the product documentation. Publishing API documentation is ongoing. If an API exists but doesn't have its documentation published here yet, contact Eyelit support.

A Home	eyelit		
E Glossary			
E Favorites	E C	volit Toc	hnologies
Getting started		yent rec	notogies
Eyelit MES-M Application			
C FAQ		Search for articles	
What's new			
Public API			
Authentication			
Product API			
Overview			<u> </u>
Product Type		C. March 1	Evelit MES-M
Product Group		Getting started	Application
Product			
Product - Product Group			
Work Centre API		1.0	
Overview			
Work Centre Group			
Work Centre		Public API	
Work Centre - Work Centre Group			
Material Consumptions API			
Schedule API	Рор	oular Articles	New Articles

# **Public API**

The APIs continue to be improved in 8.8.

#### **BoM Upsert**

The API can accept an entire BoM structure as a JSON parameter.

BOM	Show/Hide List Operations Expand Operations
POST /api/BOM/Upsert	(Entire) Insert or Update BOM

### Link documents

The document link specified in the payload is applied to the item.

Docur	nent	Show/Hide List Operations Expand Operations
PUT	/api/Document/Upsert	Insert or Update Document
POST	/api/Document/Link	Link Document to Product, Recipe or Operation
POST	/api/Document/List	List Documents by filter
POST	/api/Document/Download	responses are sent as binary content

#### Upsert product notes

You can upsert notes to a product through the Public API.

Produ	ct	Show/Hide	List Operations Expand Operations		
PUT	/api/Product/Copy		Copy product from a template product		
PUT	/api/Product/Upsert	Insert or Update Product			
POST	/api/Product/List		List product by search filter		
DELETE	/api/Product/Delete		Delete an existing product		

## **Over and Under Completion**

In some manufacturing environments, the exact quantity to be produced is not known until the end of production. In the past, if the quantity produced varied from the planned quantity, it was only possible to over or under complete by performing a WIP stock adjustment separately from the completion transaction.

In 8.8 it is possible to enable over or under completion at an operation without having to perform a WIP stock adjustment. This is a far more efficient means of handling over or under completions. Controls allow or prohibit this behaviour.

A warning is presented to the operator when performing a completion where the completed quantity does not match the available quantity for the operation visit.

Operation node has two new settings, controlled by tick box controls:

- Allow over complete.
- Allow under complete.

Edit Operation	Node Uncont	rolled			i	ø	?	×
Default Asset Status	Available	v	Start Condition			٣		1
Capacity Required	1.0000	×	Complete Condition			v		
Completion Mode	Complete	*	Run mins include first off?					
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	New Item	v	Split Bom Mode	Ratio of BOM		Ŧ		
Partial Completion Default Qty	Blank	Ŧ	Scrap Mode			Ŧ		
Lead Time Days		*						
Allow Concurrent Us	ers 🖾 Required 🗌	Allow Action C	hoice 🖾 Allow Span Of	f Shift				
Allow Retrospective	Allow Forward Bo	ookings 🖾 Inc	lude On Plan 🗌 Sub Co	ontract 🗌 Allow Scrap				
Allow Toggle Rework	Allow Over Com	plete 🖾 Allow	Under Complete					

- When either is turned on:
  - IF partial complete is allowed:
    - Partial complete pop-up has two buttons to:
    - 'Complete and Close Operation'
  - 'Complete and Leave Op Open'
  - The operator is allowed to enter a number greater or less than the WIP qty
- If the operator has pressed 'Complete and Close Operation' and the qty does not equal WIP qty on visit a warning is displayed: 'You are closing the operation having completed x more/less than the target qty. No further completions will be allowed. Are you sure you want to close this operation?'

NG.					
Туре		٠	Scan Enter s		Scan Test Complete Qty
nstructio	15	P	Complete	Partial Quantity	
1 4	efault Candidate	1	Complete	Partial Quantity	1 / 7 3
(	C PROD 01	ų.	Quantity	5.000000000	*
	c	d1			
					Complete and Close Operatio
					Complete and Leave Op Ope
	Type	Type      Default Candidate     CC PROD 01	Type  nstructions      Default Candidate      CC PROD 01      of 1	Type     * Scan Enternal entructions     Complete     CC PROD 01     Ouantity     of 1	Type     * Scan Enter Serial no here       Default Candidate      CC PROD 01     Of 1

• IF partial complete is not allowed:

- The user must enter the qty they want to complete once only and can enter a qty that is above / below target the assumption is that this is the full qty being completed and the operation will close.
- If qty to complete does not equal the current WIP, there is a warning: 'You are completing x more/less than the target qty. Are you sure?'

A new function in the button profile 'Complete and Close Operation' allows for the closing of a n operation that has been left open for additional work but no additional work is found to be needed. This will adjust the qty to 0 and close the visit.

## Filter Tool Use Action by Location

The tool use action was enhanced in 8.8 which allows you to specify which locations are permitted to use tools from. The options are:

Tool Use Des	ign			i 🖋 ? ×
Tool Selection Mode	Tool Type	*	Location Filtering Do Not Filter	
Tool Type		*	Allow Build From Work Centre Locations	
Use Count		* *	O Warehouse *	
Use Count Per Qty	Yes	Ψ.		
				_
				Save Cancel

- Do Not Filter: No restriction based on tool location. All tools are available regardless of their location.
- Allow Tools From Work Centre Locations: Only tools located in the locations assigned to the visit's work centre are available for use.
- Warehouse: The warehouse dropdown becomes enabled, and the required warehouse must be selected. Only tools assigned to locations linked with the selected warehouse are available for use.

When only one tool is available for use, the tool dropdown auto-populates with that tool.

### Asset Status

Visualisations on the Asset Status screens have been improved. The following images show the screens as you drill down to more granular levels of detail.

**Department Overview** 



#### Department level to see areas



Area level to see assets



#### Selecting an asset (also works in higher levels) shows the assets impact on summary data

