

# 8.9.0

01/04/2026 11:03 am BST

Relates to version

Tags: 8.9

## Scrap Value

Historically, it wasn't possible to know the financial impact of scrapping. In 8.9, the Scrap Transaction log and Scrap by WO reports were enhanced to calculate the value of scrap.

It uses the *Cost Per Unit* value of the product to calculate the value of the scrapped quantity.

The screenshot displays the 'Edit Product' dialog box within a software interface. The dialog is titled 'Edit Product' and contains several fields for product configuration. The 'Cost Per Unit' field is highlighted with a red box, indicating its importance in the context of scrap value calculation. The value in this field is 1.500000. Other visible fields include Product Type (Made Items), Suid (DS\_Product\_11Jul2025), Name (DS\_Product\_11Jul2025), Description (DS\_Product\_11Jul2025 Description), Default Version (1), Base Unit (KG), Currency (USD), Ownership ('WCD-OwnrTy1'), Default Batch Size (1.0000000000), Receipt Profile ('WCD-RcptPrf1'), Serial Range, Receipt Recipe, Min Schedule Batch Size, Schedule Batch Increment, Max Schedule Batch Size, Pegging Expiry Days, Shelf Life Days, and Inventory Qty Decimal Places (10). There are also checkboxes for 'Planning Constraint' and 'Product Is Active'.

## Scrap Transaction Log

File Home View

Export Parameters

From (Factory Locale) 01/06/2025 3:41:31 PM To (Factory Locale) 15/07/2025 11:59:59 PM Display Time Zone Factory Locale

User Group (All) Visual Serial Number (Barcode)

User (All) Old Warehouse "/>WCD-WarHsSite1,"WCT

Reason (None), 143-1, Assembly Old Location (All)

Product Group (All) Old Material State Available, Depleted, Disp

Product DS\_Product\_11Jul2025 New Material State Available, Depleted, Disp

**Scrap Transaction Log**

Date	Visual Serial No	Unique ID	Product	Reason	UOM	Actual Qty Scrapped	New Actual Qty	WIP Qty Scrapped	New WIP Qty	Old State	New State	User	Comments	Currency	Scrap Cost
11/07/2025 08:54:40	DS_Scrap_001_01	DS_Scrap_001_01-DS_Product_11Jul2025	DS_Product_11Jul2025	Assembly Area Waste	KG	0	0	2.50	5	WIP	WIP	Dnyaneshwar	Test	USD	3.75
11/07/2025 08:58:28	DS_Scrap_001_002	DS_Scrap_001_002-DS_Product_11Jul2025	DS_Product_11Jul2025	Assembly Area Waste	KG	0	0	0.50	5	WIP	WIP	Dnyaneshwar	Test	USD	0.75

## Scrap By WO

File Home View

Export Parameters

fromdt 01/06/2025 todt 14/07/2025

Include Raw Materials Include Raw Materials Product Group (All) PRODUCT DS\_PRODUCT\_11JUL202

**Scrap By WO**

ORDERNO	Manufactured product	Product Scrapped	UOM	Qty Completed	Quantity Consumed	Qty Scrapped	% Scrapped	Currency	Scrap Cost
DS_Scrap_001	DS_Product_11Jul2025	DS_Product_11Jul2025	KG	-	-	3	100	USD	4.50

# Public API

The APIs continue to be improved in 8.9.

### Resend successful integrations

Previously, when a payload was sent successfully, the “Resend” button would not display. It is now possible to resend an integration payload even if it was successful the first time. This allows more flexibility when correcting mistakes in the payload or at the ERP/external system end.

### Add Export button to Integration Logs

You can select a single record in the Integration Log and click the **Export** button to view the complete log details on a new screen. You can then export the log information in a properly formatted Excel file.

ID	TYPE	Payload	Response
21514_960		<pre>{   "part": {     "id": "156", "part": "13259AutoProduct Name Test", "prodProductionArea": "0", "description": "is_scheduled", "partFeatures": {       "name": "Product Type", "value": "Product Type X01/07/2025", "name": "Shelf Life Months", "value": ""}, "name": "Shelf Life BOM Slot", "value": ""}, "name": "Shelf Life Method", "value": ""}, "name": "Exclude from Stock Take Reports", "value": "0"}, "name": "Exclude BOM from ASC", "value": "0"}, "name": "Highlight if Expired in 3 Hrs", "value": ""}, "name": "Samp", "value": ""}, "name": "Positive Release", "value": "0"}, "name": "Net Weight", "value": ""}, "name": "Gross Weight", "value": ""}, "name": "Allergen Code", "value": ""}, "name": "Bag Weight", "value": ""}, "name": "Max Life", "value": ""}, "name": "EAN Code (Alternative)", "value": ""}, "name": "GTIN", "value": "0"}, "name": "Shelf Life Days", "value": ""}, "name": "Production Qty Tolerance", "value": ""}, "name": "TUC Code", "value": ""}, "name": "EAN Code (Primary)", "value": ""}, "name": "VOL_SPLIT_CHILD_SERIAL_NO_MODE", "value": "n"}, "name": "MUST_UNIQUE_VISUALSERIAL", "value": "false"}, "partComponents": null}}}</pre>	<pre>ltz.css?sessionId=E689676D1FE12CD04FEEC758B2C321?&lt;link rel="stylesheet" href="/css/v8/style_blue.css?sessionId=E689676D1FE12CD04FEEC758B2C321" type="text/css"/&gt;&lt;script type="text/javascript"&gt; var STYLE_IMAGE_PATH = "frown";&lt;/script&gt;&lt;script type="text/javascript" src="/js/prototype.js?sessionId=E689676D1FE12CD04FEEC758B2C321?"/&gt;&lt;/script&gt;&lt;script type="text/javascript" src="/js/jquery.js?sessionId=E689676D1FE12CD04FEEC758B2C321?"/&gt;&lt;/script&gt;&lt;script type="text/javascript" src="/js/globalfunctions.js?sessionId=E689676D1FE12CD04FEEC758B2C321?"/&gt;&lt;/script&gt;&lt;script type="text/javascript" src="/js/jquery-ui/jquery-ui.min.js?sessionId=E689676D1FE12CD04FEEC758B2C321?"/&gt;&lt;/script&gt;&lt;script var \$j = (jQuery.noConflict);&lt;/script&gt;&lt;script type="text/javascript"&gt; setContextPath(""); var F18N_ERROR_ACCESS_DENIED = "You are not permitted to perform the requested action as your user account has insufficient privileges"; var CURRENT_SESSION_USER_THEME = "current_session_user_theme"; var CURRENT_SESSION_SCENARIO_ID = "current_session_scenario_id"; // is page being rendered within the frameset structure? if not redirect to error page if (window.top.document.getElementById("optesafindex")){ window.location.href = "/NotFound.spr?sessionId=E689676D1FE12CD04FEEC758B2C321"; } // return the relative path to the</pre>

## Prevent trigger of integration log based on custom logic

When an integration is triggered, but the configured SQL doesn't return any data, there are two possible reasons for this:

1. There is no payload to send.
2. There is an error.

It used to be impossible to distinguish between the two. In 8.9, you can now distinguish between the two and choose whether to ignore, as in the case of empty payloads, or to return an error message.

A new setting in integration, *Ignore On Empty Payload*. The integration log processor will ignore the record if:

- Integration setting IgnoreOnEmptyPayload is true.
- The integration log is not processed (status -N).
- The payload generated is either null or empty.

The integration log processor will throw an error on the record if:

- The integration setting IgnoreOnEmptyPayload is false.
- The integration log is not processed (status -N).
- The payload generated is either null or empty.

## Multiple outbound API calls from a single trigger

**Integration Manager** has been updated to support multiple outbound API calls from a single trigger point within **Eyelit MES-M**. Previously only a single API call could be made.

For example, a scrap may trigger both an inventory transaction in an ERP and a non-conformance in a QOS.

## Material Item Transactions

Ability to *Move* and *List* Material Items through API calls.

MaterialItem		Show/Hide	List Operations	Expand Operations
GET	/api/MaterialItem/Get/{id}	Get an Material Item by ID		
PUT	/api/MaterialItem/Update/{id}	Update a Material Item by ID		
POST	/api/MaterialItem/List	List material item by search filter		
POST	/api/MaterialItem/Move	Move material item to new location		
POST	/api/MaterialItem/Receive	Receive a new material item into the stock		
POST	/api/MaterialItem/ItemAdjust	Adjust the quantity of an existing material item		
POST	/api/MaterialItem/GetByFilter	Get an Material Item by filter		

# Schedule Manager

## Prohibit the Reduction of Batch Size

We've added validation to prevent you from editing a job to reduce the quantity ordered to a quantity that is less than that which has already been started.

## Add Recipe, BoM and Workflow in Schedule Manager

The Schedule Manager screen now makes the Recipe, BoM and Workflow visible and easier to work with.

Order #	Status	Recipe	Product	Workflow	BoM	Qty Orde...	Qty Complete	Qty Wip
ON_012	Not Started	HD Chocolate Cake Scrap Recipe	HD-Eggless Choclote Cake	HD Chocolate Cake Workflow	HD-Cake Production BOM	1	0	0
HD_Wheat_LR	Started	HD-Wheat Flour Recipe	HD-Wheat Flour	HD-Wheat Flour WF		50	10	0
cc review 02	Started	cc tool 01	cc prod 01	cc wf 02	cc bom	40	0	10
WO_APITest_02	Not Started - Not Started	AD-Test_Recipe_01	AD-Test_Product01	AD-TestWorkflow_01	AD-TestBOM01	10	0	0
WDCP4-DsnWFTes N	Started	*WCD-cP4-DsnWFTes r	*WCD-PrdCL0	*WCD-cP4-DsnWFTes		15	0	10
HD_WH_Cake	Job Status - On Hold	HD-Cake Preparation	HD-Eggless Choclote Cake	HD Chocolate Cake Workflow	HD-Cake Production BOM	2	0	0
WDuP4-ScrpNd	Started	*WCD-uP4-ScrpNd r	*WCD-PrdCL0	*WCD-uP4-ScrpNd		25	0	15
WE4524X00010303	Not Started	2485_12413	PP118	Production > 1		116	0	0

## Links to Issues from Schedule Manager

The Schedule Manager provides easier access to issues related to jobs. The Schedule Manager displays the issue status ("On Hold" or "Not Started") with red indicators and exclamation icons when issues are linked to a job.

A new column indicates the number of issues (job, job op, item, node) linked, so you can see whether a job on hold has issues against it, or whether the job was put on hold for some other reason.

Order #	Status	Recipe	Product	Workflow	BoM	Due Date	Issue Exists
98764.7	Not Started - Not Started	NewRecipeThrAPI	BMW 3 Series	New Shared workflow	BMW 3 Series Default		0
98764.6	Not Started - Not Started	NewRecipeThrAPI	BMW 3 Series	New Shared workflow	BMW 3 Series Default		0
Order_13Jun2025	On Hold	UseThisRecipe	Dnyaneshwar Product	UseThisWorkFlow	UseThisBOM		0
WO_01041	On Hold	AJ April receipe	Amit Product	AJ April			2 ⚠
ORDER - 100	On Hold	ASConvProd1	ASConvProd1	ASConversionProd	ASConvProd1 BOMs		0
WO00998	On Hold	TEST SHARED	AG-PC	AG-PC - Redundant Line Config 2 - Production - v1	DEFAULT BOM		2 ⚠

The **Linked Issues** button appears when selecting a job with an issue (see image above). It opens the **Issue Tracker** pop-up with the job filtered.

Issue Id	Issue	Status	Type	Rank	Serial	Due	Priority	Progress	Owner	Item Scope	Is QA Hold
6723		Open	QA Hold			06/09/2024		0		Job	Yes
6748	testt	Open	*DW_IssueTyI(optnl)			18/12/2024		0	Dharmesh Devic Drms1	Job	No

# User Management

## Principle Name Field Included to User Import

The *Principle Name*, which is required to federate user accounts, is now included in the user import capability.

## User Management Permissions

Originally, those with access to user management permissions via the system 'User Administrator' role were the only users that could view all users in the User Manager but they could also create users, assign licenses, etc. - i.e. this was an 'all or nothing' system role.

In 8.9, additional user permissions were created that allow roles with those permissions to either view all user accounts or just the accounts of users who are their subordinates. This separates the viewing of user profiles from transactions.

The following permissions were added:

- **Read all user accounts:** Can view all users in the system. For example, HR might have this permission. They can view everyone's account but cannot create new users or assign licenses.
- **Read subordinate user accounts:** Can view all users assigned as their subordinates. For example, a supervisor might have this permission where they can view only their subordinate's accounts but cannot perform any actions on those accounts without other permissions (e.g., reset password or assign work pattern or team).

Permissions			
Category	Permission	Description	Roles
Category: EDHR			
Category: Internal System Management			
Category: Inventory Permissions			
Category: KPI Management			
Category: Label Printing			
Category: Master Data Configuration			
Category: Other Permissions			
Category: Planning and Scheduling			
Category: Power BI			
Category: Product Permissions			
Category: Quality			
Category: Reports			
Category: Shop-floor			
Category: System Management			
Category: Timesheets			
Category: Tooling Permissions			
Category: User Management Permissions			
User Management Permissions	Assign Subordinate Team	Allow managers to assign teams for their subordinates	Section / Shift Manager, Supervisor
User Management Permissions	Assign Subordinate Work Pattern	Allow managers to assign a subordinates work pattern	Section / Shift Manager, Supervisor
User Management Permissions	Read all user accounts	Users with this permission can view all users in the system	Mestec Support, System Administrator, User Administrator
User Management Permissions	Read subordinate user accounts	Users with this permission can view all users assigned as their subordinate	HD-Custom Role, Supervisor
User Management Permissions	Reset Subordinates Password	Allow managers to reset their subordinates passwords	HD-Custom Role, Section / Shift Manager, Supervisor
User Management Permissions	Reset User Passwords	Users with this permission can reset non system users passwords	Mestec Support, Section / Shift Manager, System Administrator, User Administrator
User Management Permissions	Role and Permission Management - Custom	Users with this permission can create / edit / delete custom roles and permissions and assign permissions to custom roles	Mestec Support, System Administrator, User Administrator
User Management Permissions	Set Password Settings	Users with this permission can set password rules that must be adhered to	System Administrator
User Management Permissions	Skills Management	Users with this permission can create / edit / remove skills	Mestec Support, System Administrator, User Administrator
User Management Permissions	User Role assignment - Non System	Users with this permission can assign roles to non system user accounts	Mestec Support, User Administrator
User Management Permissions	User Skill assignment	Users with this permission can assign skills to useraccounts	User Administrator
User Management Permissions	User Teams and Work Patterns	Users with this permission can assign / unassign / edit default work patterns and teams for users	User Administrator
User Management Permissions	User and Team Admin - Non System	Users with this permission can create / edit user accounts, edit user properties, assign / unassign user groups and std user licenses	Mestec Support, User Administrator
Category: Virtual Testing			

## Scrap and Replenish for Parallel Flows

In 8.4, we introduced the ability to replenish the amount of WIP scrapped so that the final completed quantity remains at what was originally targeted. The limitation was that this functionality was not possible within a parallel flow. In 8.9, that functionality was extended to a parallel flow.

The scrap options are set up in **Workstation Button Profile** and are:

- **Scrap - No replenish**: The scrapped quantity will not be automatically replenished. You can manually append (if the workflow version and the operation scrap mode allow) which will start the appended quantity at the first operation in the workflow (note that this is not relevant for parallel flows).
- **Scrap - Replenish at current op**: A quantity equivalent to the scrapped quantity will automatically be adjusted on at the current operation in the workflow.
- **Scrap - Replenish at previous op**: A quantity equivalent to the scrapped quantity will be adjusted on at a selected previous operation in the workflow. In a parallel flow, this option is restricted to operations within that channel. If not on a parallel flow, only operations not on a parallel flow channel will be allowed.
- **Scrap - Replenish from start op**: A quantity equivalent to the scrapped quantity will automatically be appended and starts at the first operation in the workflow (note that this is not relevant for parallel flows).

## Restrict Material Transactions to a Material Reason Type

In 8.9, the introduction of the **Material Reasons Type** functionality allows you to manage numerous reasons and easily associate them to transactions. For example, you might have a set of material reasons that only relate to scrap, pick reverse, or release, etc.

This enhancement allows you to group the reasons and assign them to specific transactions, and this allows you to quickly zero in on the reason types when doing analytics. The image provides a few examples.

Material Reason Types	
ID	Name
-6	BoM Fulfil
-5	BoM Not Fulfil
-4	Good In Inspection
142	Machining Faults
83	Moulding Issues
-2	QA Hold Issue
-3	QA Hold Issue resolved
16641	Scrap - Production
16643	Scrap - Warehouse

# Issues

Issues may optionally be associated with one of the following scopes; *Item Scope, Job Scope, Job Op Scope, Item Op Scope or Node Scope*.

Prior to 8.9, those scopes were either enabled or disabled globally and if enable, were available for issues of all types and if disabled, were not available for issues of any types. In 8.9, it's now possible to configure scopes on a type-by-type basis.

When you add a new issue, it would adhere to the settings for that type rather than be restricted to a global setting.

With the new configuration, operators are no longer presented with scopes that are invalid for their particular issue types which simplifies the experience for operators and limits the chance of making mistakes.

Issue Types

New Issue Type

Name  Description

Parent Issue Type  Require Title

Require Description  Require Owner

Require External Ref.  Require Quantity

Require Team  Require Parent Issueid

Require Rank  Require Pcnt Complete

Require Priority  Require Resolution Details

Create Permission  Edit Permission

Edit Issue Item Permission  Close Permission

Require Owner Skill   Is QA Hold

**Enabled Scope**

Item Scope  Job Scope  Job Op Scope  Item Op Scope  Node Scope

Save Cancel

# Translations

The Translations languages have been expanded to include Spanish (Costa Rica) and Spanish (Latin America).

# Translations

Search

## Languages

i ✎ ? ✕

Translation Type

New

Code	Description	Enabled For Product Label	Enabled For Webapp	Base Language
en-US	English (United States)	No	Yes	
de-DE	German (Standard)	No	Yes	
fr-BE	French (Belgium)	No	Yes	
it-IT	Italian	No	No	
lt-LT	Lithuanian	No	Yes	
zh-CN	Chinese (Simplified)	No	No	
da-DK	Danish	No	Yes	
ko-KR	Korean	No	Yes	
es-MX	Spanish (Mexico)	No	No	
ro-RO	Romanian	No	No	
hi-IN	Hindi	No	Yes	
es-CR	Spanish (Costa Rica)	No	Yes	
es-419	Spanish (Latin America)	No	Yes	