
PLM Integration for Engineering Change Management 10.0.29.2 for Microsoft Dynamics 365 for
Finance and Operations (10.0.29)

Release Notes

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Document Information

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1. General

1.1 Purpose

This document describes the contents of PLM Integration for Engineering Change Management 10.0.29.2 for Microsoft Dynamics 365 for Finance and Operations (10.0.29). Purpose of this release is:

Topic	Yes/ No	Remarks
Upgrade to new Microsoft release	No	
New features	Yes	See chapter 2.1
New D365 functional topics considerations	No	
Bug fixes	Yes	See chapter 3.1
Discontinued features	No	
Known issues	Yes	See chapter 4

Cross reference to LCS solution:

Solution	Solution Version	Remarks
PLM Integration for ECM 10.0	12	Initial release of PLM Integration for Engineering Change Management for D365 FO 10

1.2 Audience

The audience for this document is certified partners selling and implementing as well as customers who have bought the solution.

1.3 Content list

PLM Integration for Engineering Change Management 10.0.29.2 for Microsoft Dynamics 365 for Finance and Operations (10.0.29) is released on the following Microsoft Dynamics for Finance and Operations, Enterprise edition build:

Installed Product Version	Installed Platform Version	Installed application version	Remarks
Microsoft Dynamics 365 for Finance and Operations (10)	Platform updates for 10.0.29	N.a.	

Note: This release is binary backward compatible from 10.0.25 GA

The PLM Integration for Engineering Change Management 10.0.29.2 for Microsoft Dynamics 365 for Finance and Operations (10.0.29) package consists of a deployable package.

Solution	Model name	Version
PLM	Product Lifecycle Management Labels	10.0.29.2
PLM	Product Lifecycle Management Licenses	2023.0.0.0
PLM	Product Lifecycle Management	10.0.29.2
PLM	Product Lifecycle Management BIS	10.0.29.2
PLM	Product Lifecycle Management Data Upgrade	10.0.29.2
BIS	Business Integration Labels	10.0.28.44
BIS	Business Integration Licenses	10.0.28.44
BIS	Business Integration	10.0.28.44
BIS	Business Integration Master Data Management	10.0.28.43

The PLM Integration for Engineering Change Management is compatible with the following solutions for Dynamics 365 for Finance and Operations 10.0

Product	Remarks
Rapid Value	Optional, requires separate license
Advanced Maintenance and Service	Optional, requires separate license
Advanced Project Planning	Optional, requires separate license
Advanced Project Management I & II	Optional, requires separate license and separate deliverable which is shipped as the Advanced Discrete Manufacturing solution.

Note that it cannot be excluded that above solutions may require merge efforts when applying them in one combined installation. This may affect functions and features of one or more of these solutions.

1.4 Upgrade from earlier versions

Upgrading from previous versions is supported using the standard upgrade scripts. Upgrading to this version is only supported when upgrading from a 10.0 release with ECM.

See the installation guide for more details.

2. New features

2.1 New for this release

ID	Title	Description
95965	Product Logistic Insights	<p>We have introduced a serie of API's which can be utilized to expose logistical product information outside of D365. When customers will embed web service calls to these API's as part of their PLM installation, the engineers working daily in PLM will have insight in the logistical status of the products. This information can be used to make better informed decisions in the change process and have a better insight in the logistical impact of those changes. We have API's available for the following information:</p> <ul style="list-style-type: none">• Request the cost price of product X, version Y in engineering company• Request the cost price of product X, version Y in all companies• Request the open transactions of product X, version Y in all companies• Request the on hand inventory of product X, version Y in all companies• Request in which companies does product X, version Y exist• Request the primary vendor no and name of product X per company• Request approved vendor no's, names and dates of product X per company <p>The framework in which we provide these API's can be extended easily by us in the future, but also by customers or partners themselves. Please reach out to us in case you have want to know more about the Product Logistic Insights and/ or it's extensibility.</p>

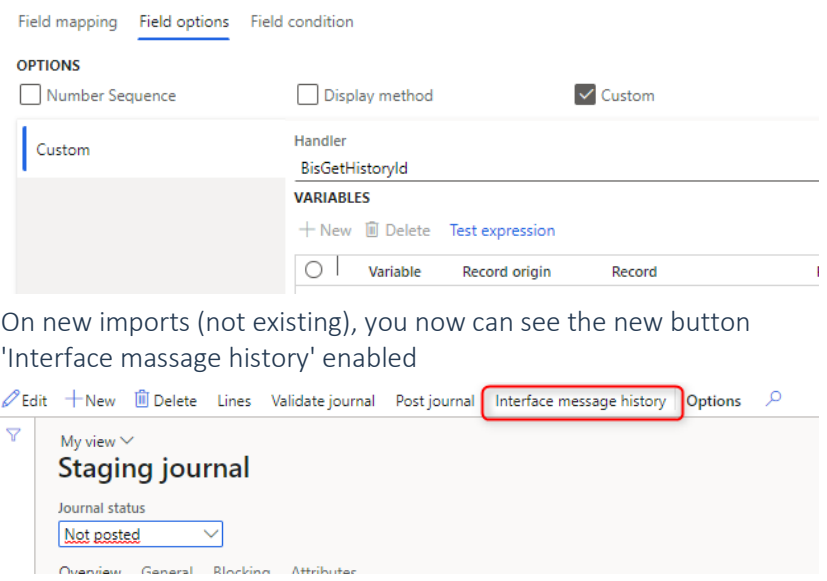
2.2 New for previous releases

Below lists only the releases for Product Engineering on 10.0 where new functionality is introduced.

2.2.1 PLM Integration for Engineering Change Management 10.0.26.3

ID	Title	Description
144977	Make File history form editable, so it can be opened to view more details	In last release we connected the message with the PLM staging journal and the message- and file history could be viewed from there. Now we have made the file history 'editable', so more information can be found when opening the record

2.2.2 PLM Integration for Engineering Change Management 10.0.26.1

ID	Title	Description
142808	Connect message with PLM staging journal and be able to open the message history/ file history from PLM staging journal	<p>We created a possibility to connect the PLM staging journal to the file history of the message in BIS. This will give the option to directly find the file which is used to create the staging journal and can be helpful in case of an error in the PLM staging journal.</p> <p>To enable this option, some settings need to be done in the BIS message:</p> <ol style="list-style-type: none"> 1. On the target document, on the Journal record, add the field 'InterfaceMessageHistoryRecId' 2. On the message itself, on the Journal record, add the field 'InterfaceMessageHistoryRecId', set a checkmark in the Custom column and in the Field options, add the handler 'BisGetHistoryId'  <p>On new imports (not existing), you now can see the new button 'Interface message history' enabled</p>

2.2.3 PLM Integration for Engineering Change Management 10.0.25.1

ID	Title	Description
135019	Improve error message when BOM number sequence is set to manual	We have improved the error message when a BOM is imported via the PLM integration, and the number sequence for BOM's is not set to automatic

2.2.4 PLM Integration for Engineering Change Management 10.0.22.1

ID	Title	Description
129817	Create business event for posting PLM staging journal	Two business events are created for posting the PLM staging journal. One for successful posting (EngPlmStagingJournalPostedBusinessEvent) and one for failures during posting (EngPlmStagingJournalPostFailedBusinessEvent). Business events provide a mechanism that lets external systems receive notifications from Finance and Operations applications. For

		more info see https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/business-events/home-page . To-Increase can provide a logic app which can send emails based on the business events. This is not a full developed app, but can serve as inspiration for your own logic app
131549	Create business event for processing ECO	Two business events are created for processing the ECO. One for successful processing (EngPlmEcmHeaderProcessedBusinessEvent) and one for failures during processing (EngPlmEcmHeaderProcessingFailedBusinessEvent). Business events provide a mechanism that lets external systems receive notifications from Finance and Operations applications. For more info see https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/business-events/home-page . To-Increase can provide a logic app which can send emails based on the business events. This is not a full developed app, but can serve as inspiration for your own logic app

2.2.5 PLM Integration for Engineering Change Management 10.0.20.2

ID	Title	Description
126592	Name and description are not mandatory anymore	In line with standard D365, it is now not mandatory anymore to give a product name (or description) when creating or updating products. This is applicable when posting a staging journal (ImportParts)
129214	Lookup on different fields of the PLM staging journal	To ensure a better experience while testing with the PLM staging journal, lookups are added for: Product Category name, BOM site, Unit, ItemId. Product owner, Name (attributes section) and BOMLine.ItemId, BOMLine.Version, BOMLine.Configuration, BOMLine.Color, BOMLine.Size, BOMLine.Style and BOMLine.Unit

2.2.6 PLM Integration for Engineering Change Management 10.0.19.6

ID	Title	Description
123114	External engineering organization can be created as an organization instead of as a team	The creation of an external engineering organization is changed. Instead of the need to first create a team and use that, the system will create an organization based on the given name. This organization can be found under Organization administration/ Global Address Book/ Global Address Book

2.2.7 PLM Integration for Engineering Change Management 10.0.16.3

ID	Title	Description
	PLM Integration for Engineering Change Management	Initial release of PLM Integration for Engineering Change Management

2.3 New D365 functional topics considered for this release

No functional topics were considered in this release.

2.4 New D365 functional topics considered for previous releases

Below lists only the releases for PLM Integration for Engineering Change Management on 10.0 where new D365 functional topics are considered.

2.4.1 PLM Integration for Engineering Change Management 10.0.19.2

ID	Title	Description
MS1	New fields on the ECO	Microsoft has added new fields on the Engineering Change Order: 'New item number' and 'New version'. Our PLM Integration is aligned with these new fields
MS2	New impact option on the ECO	Microsoft has added a new impact option on the Engineering Change Order: 'New variant'. Our PLM Integration is aligned with this new impact option

2.5 Discontinued features as per current release

No functional topics were discontinued in this release.

2.6 Discontinued features as per previous releases

While this is a new product, this chapter is not applicable.

3. Fixes summary

3.1 Fixes for this release

ID	Title	Description
152199	Effective from date is not reset in ImportECO scenario (and Enforce effectivity = No)	In case Enforce effectivity is set to No, the new version imported via PLM will not inherit the effective from date of the previous version anymore. The date will be set to blank (unless the PLM integration specifies otherwise)
153095	Template BOM with ImportPart does not take BOMlines with PLM reference	In case a TemplateBOM is applied when creating a new BOM from PLM, all BOMlines from the template are used
153345	Able to delete a BOM line on a BOM from PLM in the engineering company	In case a BOM that is integrated from PLM also has manual added BOM lines, the system will not allow anymore to delete the BOM lines from PLM when a multi-select is used on the BOM lines

3.2 Cumulative fixes from previous releases.

Below lists only the releases for PLM Integration for Engineering Change Management on 10.0 where fixes have been provided.

3.2.1 PLM Integration for Engineering Change Management 10.0.28.1

ID	Title	Description
147987	Error on updating/adding calendar in Legal entities	Editing the legal entity data is possible again
148412	When PLM updates a site on a BOM, the BOM version is ignored	When PLM updates the site on a BOM, the BOM version table is now also updated
152122	PLM import via ImportECO, does not inherit all field settings from the existing BOM line PLM for ECM	When a BOM line is updated from PLM, more enriched fields like LineType are now saved on the updated BOM line

3.2.2 PLM Integration for Engineering Change Management 10.0.25.1

ID	Title	Description
133126	Updates of notes via PLM does not work PLM for ECM	It is now possible to also update notes via the PLM integration
139953	Naming rule for name doesn't work in ImportPart scenario	The attribute based naming rules are working now also for the ImportPart scenario

3.2.3 PLM Integration for Engineering Change Management 10.0.22.1

ID	Title	Description
128301	Add lookup to BOM site field on the PLM Staging Journal PLM for ECM	We fixed the lookup for the BOM site in the PLM staging journal

3.2.4 PLM Integration for Engineering Change Management 10.0.21.8

ID	Title	Description
129183	Data Import Problems with Entity "Staging Bom attribute values"	The issue where not all staging journal BOM line attributes could be imported, is resolved

3.2.5 PLM Integration for Engineering Change Management 10.0.20.2

ID	Title	Description
112109	Engineering attribute manual enrichment is lost when going to a new version (ImportPart)	Manual enrichment of (non-PLM) engineering attributes is working in all PLM import (ImportPart) scenario's again
126603	Update rule 'overwrite' on PLM system does add 2nd line instead of overwrites	The update rule 'Overwrite' on the PLM system works again as designed and doesn't add the imported line twice
128165	Update BOM with "impossible" units	It is not possible anymore to change the unit of measure on an existing BOMline, if there is no conversion setup between the unit of measures. This was possible via the PLM Integration

3.2.6 PLM Integration for Engineering Change Management 10.0.19.6

ID	Title	Description
124744	Delete Bom lines (engineering controlled) from Designer should be prevented	As per the data ownership rules for BOM lines, the BOM lines coming from the PLM integration are now also safeguarded from being deleted in the BOM designer

3.2.7 PLM Integration for Engineering Change Management 10.0.18.2

ID	Title	Description
122404	Attribute lookup in engineering product category mapping on PLM system misses the lookup	The attribute lookup in the engineering product category mapping on PLM system is restored

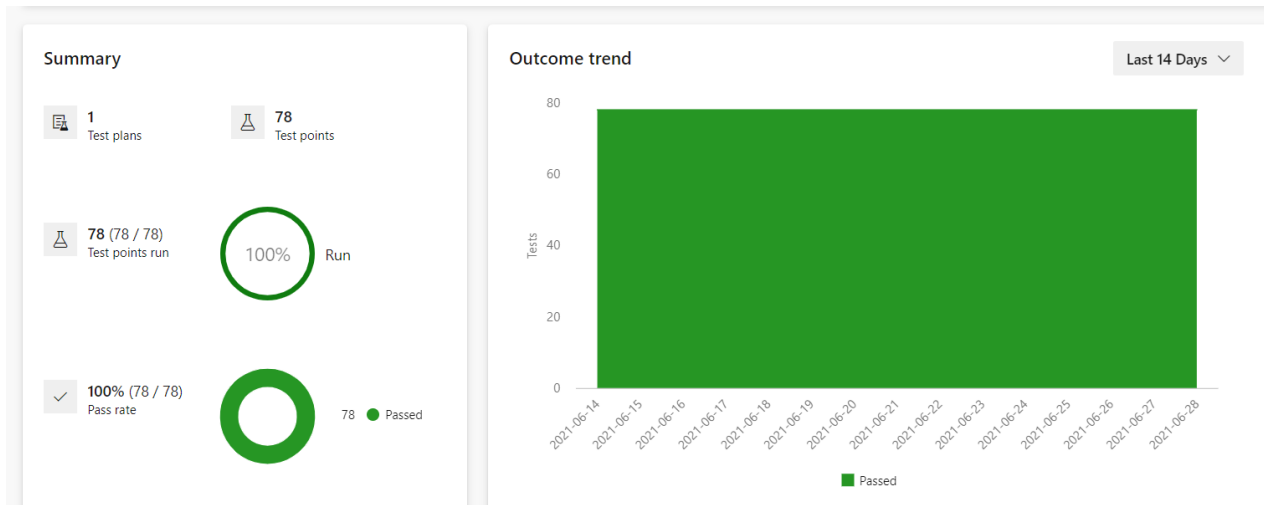
4. Known Issues

Below is a list of known issues of PLM Integration for Engineering Change Management.

ID	Issue
1	The multi BOM scenario in an ImportECO scenario is currently not supported in case not all BOM's are transferred to a new version. The ECO in Engineering Change Management currently doesn't allow to delete an existing BOM (the BOM that is not carried over to the new version).

Please note: Microsoft is continuously adding new features in the application directly and via Feature Management. Sometimes these are public preview and will be made generally available in future releases, in other cases, they are already general available, and you have the choice to activate them. Currently, we are not testing compatibility with all new features or combinations. Once a feature is enabled at the customer environment and in case of any issues or questions related to new standard features and our solutions, kindly contact us via To-Increase support.

5. QA KPIs and Test Execution Results



Quality Control - Reporting and KPI's			Target
*QA Dashboard(s) - Source	Type	Datapoints	KPI's
DevOps	Project Stats	Build & Deploy Success %	100%
DevOps	Dashboards - Quality Dashboard	Feature Coverage (Total / with test case / without test case)	> 80%
		Feature Criticality Coverage. Features defined as critical = HIGH and MEDIUM need 100% Test Cases Coverage	100%
		Automated (vs Manual)	> 80%
DevOps	Test Plans - Progress Report	Test Points Run (Automated plus Manual)	100%
		Pass Rate	> 90%
DevOps	Known Issues (Unresolved Post Release Defects)	Known Issues (Unresolved Post Release Defects) listed in release notes	100%