



# PLM Integration for Engineering Change Management 10.0.43.18 for D365 Finance and Operations (10.0.43)

Release notes

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# Document Information

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# 1. Introduction

## 1.1 Purpose

This document describes the contents of PLM Integration for Engineering Change Management 10.0.43.18 for D365 Finance and Operations (10.0.43). Purpose of this release is:

Topic	Yes/No	Remarks
Upgrade to new Microsoft release	No	
New features	Yes	See chapter 2.1
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	24	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 Product release information

PLM Integration for Engineering Change Management 10.0.43.18 for D365 Finance and Operations (10.0.43) is built upon D365 version 10.0.38 GA. Since Microsoft maintains a no breaking changes policy, the fact that this release is built on this version means that it can be applied to an environment running on D365 version 10.0.38 GA or any later version and the application should compile without any issues. However, as we have only functionally validated this version against D365 version 10.0.43 GA, we recommend applying our STAEDEAN product release on that MS version as well. If you deviate from this (and thus apply the release to a different version), we recommend performing a more thorough round of testing before applying the release to a production environment.

Release date PLM for ECM	STAEDEAN version number	Minimum required D365 version	Validated against D365 version	Compatible with D365 version
04/02/2025	10.0.42.17	10.0.38	10.0.42	10.0.38 and above
22/04/2025	10.0.43.18	10.0.38	10.0.43	10.0.38 and above

In case of an Error, STAEDEAN may provide a Hotfix on a reasonable efforts basis in a way it considers appropriate in its discretion. STAEDEAN cannot be obliged to provide Hotfixes if Client has not deployed the latest Release or the Release second to the latest Release and/or is not using a supported version of Microsoft Dynamics.

To ensure our customers can fully leverage the latest enhancements, features, and quality improvements, we are committed to providing increased support by keeping them updated with the most recent releases. Our data indicates that customers on the latest version experience fewer issues and requests, demonstrate greater resilience, and effectively enhance their organizational efficiency.

More information about our latest available product versions, the latest validate GA-versions from Microsoft as well as the Minimum MS version required, please visit this page: [Knowledge Base - Support - STAEDEAN](#)



# 1.4 Content list

PLM Integration for Engineering Change Management 10.0.43.18 for D365 Finance and Operations (10.0.43) 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 10.0.43	N/A	Update67

**Note: This release is binary backward compatible from 10.0.38 GA**

The PLM Integration for Engineering Change Management 10.0.43.18 for D365 Finance and Operations (10.0.43) package consists of a deployable package.

Solution	Model name	Version
PLM	Product Lifecycle Management Labels	10.0.43.18
PLM	Product Lifecycle Management Licenses	10.0.43.18
PLM	Product Lifecycle Management	10.0.43.18
PLM	Product Lifecycle Management BIS	10.0.43.18
PLM	Product Lifecycle Management Data Upgrade	10.0.43.18
BIS	Business Integration Labels	10.0.43.66
BIS	Business Integration Licenses	10.0.43.66
BIS	Business Integration	10.0.43.66
BIS	Business Integration Master Data Management	10.0.43.66
Common	TCLCommon	1.0.0.61
Common	TCLLabel	1.0.0.61



## 1.5 SHA256 algorithm for licenses

You may have already been informed by Microsoft, that licenses that are generated using the SHA1 algorithm will no longer be supported starting at Microsoft Dynamics 365's F&SCM version 10.0.39. This update will be generally made available by Microsoft on March 15th 2024.

As we currently use the SHA1 algorithm for our licenses, there is an action for you to take to ensure you can continue using our services. We introduce the new SHA256 algorithm for our licenses, which will be supported going forward by Microsoft.

### **What do you need to do before updating to version 10.0.39?**

1. Please go to the Solution Management Workspace in your F&SCM environment.
2. Retrieve and install these licenses based on the SHA256 algorithm. You can find a guide on how to do that under this link.

After retrieving and installing the new license, you can upgrade to version 10.0.39 without any interruptions to our services.

There should be no effect on any of your performance. In case you experience any effect, please reach out to us under [CustomerOperations@staedean.com](mailto:CustomerOperations@staedean.com).

## 1.6 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

#### 2.1.1 Expanded Attribute Mapping Framework with Configurable Error Handling, Enhanced Logging, and Improved Workflow Automation for PLM Integration

This release delivers a significant enhancement to the attribute mapping and staging journal processing capabilities within the PLM Integration Framework. The feature strengthens mapping flexibility, improves diagnostic traceability, introduces new error-handling configurations, and addresses workflow submission reliability—ensuring seamless data synchronization and automation when integrating external PLM systems like PTC Windchill or Siemens Teamcenter with Dynamics 365 Finance & Operations.

##### Key Capabilities Introduced:

- **Broadened Attribute Mapping Coverage:**

New tables from Dynamics 365 are now available in the Attribute Mapping section of the PLM Systems screen, enabling richer field-level integration:

- EcoResTrackingDimensionGroupItem
- EcoResStorageDimensionGroupItem
- PdsApprovedVendorList
- WHSPhysDimUOM
- InventItemSetupSupplyType
- InventItemSalesSetup
- InventItemInventSetup
- InventItemPurchSetup
- Item Price
- Item Coverage
- WHSReservationHierarchyItem
- InventItemGroupItem

- **Attribute Mapping Error Handling Setup:**

A new configuration field "**Attribute Mapping Error Handling**" allows users to control the system behavior when attribute mapping errors occur during import:


- **Accept (Default):** Errors are logged; processing continues.
- **Not Allowed:** Processing halts on the first Attribute related error.

- **Improved Log View in PLM Staging Journal:**

To provide better traceability and faster debugging:

- Field names have been updated for clarity (e.g., *Company account ID* → *Legal Entity*).
- Two new fields introduced:
  - **Type:** Indicates whether the error applies at the journal or attribute level.



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- **Attribute Table:** Specifies where in F&O the error occurred.
  - **Behavior-Driven Journal Processing:**

Based on the new error-handling setting, the staging journal will either:

    - **Continue posting** valid lines and log errors (*Accept*), or
    - **Halt processing** at the first encountered error (*Not Allowed*), making debugging faster and safer.
  - **Workflow Auto-Submit Stability Enhancement:**

To address issues (Bug 216696) where workflow submission failed due to permission mismatches (particularly when triggered by System Administrator accounts), the auto-submit logic has been improved:

    - **Session User Check:** If the journal is processed by a user in the *System Administrator* role, the system:
      - Automatically assigns this user as the *Responsible* on the ECO.
    - **Workflow is now triggered using the Responsible user**, ensuring access permissions are always respected.
  - **Blob Storage Integration via Connectivity Studio:**

The system now supports access to Azure Blob Storage using Connectivity Studio. Technical updates have been made to align with Microsoft's latest DLL storage handling conventions—ensuring future readiness for production usage

## 2.2 Discontinued features as per current release

No functional topics were discontinued in this release.

## 2.3 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
216646	Parts coming into D365 are missing reservation hierarchy and item group	Resolved an issue where imported parts from PLM were not populating critical fields such as reservation hierarchy and item group, causing downstream operational errors.
216696	Auto-Submit Workflow Error in Staging Journal for System Admin User	Addressed workflow submission failures during staging journal processing triggered by System Administrator accounts. The system now assigns the session user as Responsible to ensure permission compliance and prevent access errors.
216700	The exclude route from previous version parameter is erroring on routes that have the same operation more than once	Fixed an error occurring during routing updates where the “exclude route from previous version” parameter failed when duplicate operations existed in the routing structure.



## 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).
2	When migrating the PLM integration project from one environment to another, the engineering attributes and attribute types that are attached to the PLM system, will be created in the new environment. If there's values populated in a fixed list on an attribute type, this list is not populated automatically.

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 STAEDEAN support.