



Advanced Manufacturing and Project Planning 10.8.2.181 for D365 F&SCM 10.0

Release Notes

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1. Introduction

1.1 Purpose

This document outlines the contents of Advanced Maintenance and Service 10.0.40.33 for Dynamics 365 F&SCM 10.0, which is provided to customers on a quarterly basis.

Topic	Yes/ No	Remarks
Upgrade to new Microsoft release	Yes	Release is compatible with D365 10.0
New features	Yes	
Bug fixes	Yes	
Discontinued features	No	

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

Advanced Manufacturing and Project Planning 10.8.2.181 for Dynamics 365 Finance and Dynamics 365 Supply Chain Management (10.0) is built upon D365 version 10.0.35. 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 10.0.35 or any later version and the application should compile without any issues. However, as we have only functionally validated this version against D365 version 10.0.39, we recommend applying our TI 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.



This is summarized in the following table.

Release date.	Minimum required. D365 version	Validated against D365 version	Compatible with D365 version
26/07/2024	10.0.39	10.0.40	10.0.39 and above
19/04/2024	10.0.37	10.0.39	10.0.37 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

Product	Version	Type	Remarks
AXTvp	10.8.2.181	Deployable package	
AXTctrl	10.8.2.181	Deployable package	
AXTplatform	10.1.2.23	Deployable package	

The minimal required Project Management - Production Planning - Project Controlling and Axtension® Invoice Processing versions for Axtension® Project Management - Production Planning - Project Controlling - Subcontractor Management to work are:

Axtension® Project Management - Production Planning - Project Controlling release 10.2.0.94

Axtension® Invoice Processing release 10.5.8.304



Advanced Manufacturing and Project Planning is compatible with the following solutions for Dynamics 365 for Finance and Operations.

Product	Remarks
Rapid Value	Optional, requires separate license
Advanced Project Management	Optional, requires separate license
Advanced Project Planning	Optional, requires separate license
Product Engineering	Optional, requires separate license
Business integration Solutions	Optional, requires separate license
Invoice Workflow	Optional, requires separate license

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 Advanced Manufacturing and Project Planning license coverage

Advanced Manufacturing and Project Planning is governed by licenses that control access to specific functions and features.

Feature	License	Remarks
Task Planning (Project)	APP	For Projects and Project quotations
Resource Planning (Project)	APP	For Projects and Project quotations
Capacity overview (Project)	APP	For Projects and Project quotations
Task Planning (Production)	AMP	For Production orders and Planned production orders
Resource Planning (Production)	AMP	For Production orders and Planned production orders
Capacity overview (Production)	AMP	For Production orders and Planned production orders

When both licenses are present, Advanced Manufacturing Planning works seamlessly with Advanced Project Planning.

1.5 Upgrade from earlier versions

Upgrade of Advanced Manufacturing and Project Planning from Advanced Project Planning for D365 7.3 onwards is supported via the use of the migration process and tooling as required to upgrade from Microsoft Dynamics 365 for Operations.

Important update:

If any customer plans to update to any build later than 10.0.29 for APM, you must uptake this latest release delivered on the top of 10.0.28 initially to get rid of any compilation errors.



1.6 Model delivery – Discontinued.

Models are no longer going to be released from the current version.

If you still require the models, please contact our support team with a business reason.

#Note: If you have installed models from any of the previous releases of AMPP, you must remove them before installing AMPP 10.6.4.152 or later.

1.7 Support for multiple languages

At Staedean, we are constantly working to upgrade our solutions and encourage customers to participate by sharing feedback. We had earlier launched an in-app feedback option in our D365 solutions, where our customers can share their feedback and requests while using our solutions. We did receive multiple requests for translations in other (European) languages. We picked the most requested languages and added it to our roadmap.

From April 2023 release, we do support Advanced maintenance and service in 10 different languages out of the box. The user interface is, as part of the strategy, available in the next languages: English (US), German, French, Spanish, Portuguese, Dutch, Italian, Norwegian, Swedish, Danish.

Staedean is using the Microsoft Dynamics 365 Translation Service for automated translations of user interface elements. In our solutions we use standard labels and new solution specific labels. The standard labels are already provided with translations done by Microsoft. The solution specific labels are now also available to users in more languages.

As we used automated translations and reused existing labels it might be the case that some translations are wrongly translated. With a single translation unit, the AI powered translation service is not aware if it should be translated as noun or verb. Some words do have multiple meanings, like “application”. It could be related to recruitment or a software solution. If you come across such issue, please use the in-app feedback, or create a support case, so we can improve the translations for future releases.

If you are in the need for other languages or your business requires a different term, you can extend the label files with a small development effort.

If you have customizations on the translations in your current environment, check if this is done in a separate extension model and correct extension naming convention. If e.g., the name of the Staedean label file in the English language is TILabel.en-US.label.txt, the new translation in German provided by Staedean will get the file name TILabel.de.label.txt. Ensure your customization will then have a naming convention including the keyword extension. A German extension label file has then the name TILabel_extension.de.label.txt. The extension labels will have priority above the standard provided labels. You can also choose to remove your labels and uptake our new standard translations.

The next label file(s) are part of this release: List all label files.

LABEL.en-us.label.txt

LABEL.da.label.txt

LABEL.de.label.txt

LABEL.es.label.txt



LABEL.fr.label.txt
LABEL.it.label.txt
LABEL.nb-NO.label.txt
LABEL.nl.label.txt
LABEL.pt-PT.label.txt
LABEL.sv.label.txt

Excluded from our translations:

- Staedean will continue to offer its services to customers and partners in English.
- Our website, product documentation, release notes, and any other updates will be available in English only.



2. What's New

2.1 Common features

Staedean is offering various add-on solutions. Some features and technical solutions are common or could be common for all our solutions on the Dynamics 365 Finance and Operations platform. As of November 2022, we will start leveraging a new common library model.

The common library model will be a centralized location where the new common features will be added automatically, and customers do not have to make an additional effort to update the build pipelines after the first enablement of this model.

ISV licensing is technically supported with a code signing certificate. The certificate we must use expires every three years, next up for renewal in 2023. Soon, our solutions will refer to this common model for the code signing certificate, instead of maintaining it separately in all our solutions. Next to technical content, the common library comes with features which are beneficial to our customers. E.g., a solutions Management dashboard gives a clear view of currently installed versions, status of license, option to renew licenses without any downtime, easy access to release notes and documentation, and the ability to leave feedback through the in-app feedback system.

The screenshot displays the 'To-Increase solution management' interface. On the left, there is a table of solutions with columns for 'Solution', 'Installed version', and 'Status'. The 'Advanced Discrete Manufacturing' solution is highlighted. On the right, a modal window for 'Advanced Discrete Manufacturing' is open, showing a 'SOLUTION IS NOT INSTALLED' message and a table of licenses with columns for 'License', 'Status', and 'Expiry date'.

Solution	Installed version	Status
Advanced Discrete Manufacturi...		×
Advanced Project Management		×
Anywhere Mobility Studio		×
Business Integration Solution	10.0.99.999	⊙
Data Entry Workflow		×
Data Modeling Studio		×
Data Quality Studio	10.0.18.2	⊙
DynaRent	10.0.28.43	⊙
PLM Integration for Engineerin...		×
RapidValue BPM Suite	10.0.26.37	⊙
Security and Compliance Studio		×

License	Status	Expiry date
Construction	🔒	
Equipment	🔒	
Advanced Project Management	🔒	
Product Engineering a	🔒	

On all Staedean forms, there is on the left-top of the forms a smiley icon in the menu where you can provide us feedback, suggestions, and ideas so we can learn how to improve our solutions.



To-Increase would love your feedback!

Please rate your experience in using the All solutions screen.

- 5 - Excellent
- 4
- 3
- 2
- 1 - Poor

Please tell us why you chose the rating. Additional insights would help us improve our products further.

Thank you for providing us feedback!

Your privacy is important to us. To protect your privacy, please don't include any personal information.

2.2 Feature deprecation effective February 2024

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 is already made available by Microsoft. You can get it from LCS.

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?**

You need to install these licenses based on the SHA256 algorithm.

Please reach out to us at customeroperations@Staedean.com.



After 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.

2.3 New features for this release

Feature | Support for Azure Synapse Link to Dataverse

The solution tables have been enabled to support Azure Synapse Link for Dataverse. This allows the data to be copied to Azure Synapse for reporting and analytical purposes.

Feature | Extensibility request for async update

Extensibility request to have an extension point when an async drag and drop action starts and ends

Feature | Support for Azure Synapse Link for Dataverse

The solution tables have been enabled to support Azure Synapse Link for Dataverse. This allows the data to be copied to Azure Synapse for reporting and analytical purposes.

Feature | Extensibility request for production planning action

Added extensibility points when a new production planning action is created and undone.

Feature | SF links

It is now possible to create a SF relation between tasks in the project planning.

Feature | Fixed links

In the Task planning the toggle 'Sticky links' is visible in the toolbar above the Gantt when edit a project plan. When the toggle is enabled, and a task is moved all related tasks will be moved with the least possible float. Those relations that have float are visible by a thicker dashed line.

Feature | Optimization of the progress and estimate form

The progress and estimate form have been optimized.

The following fields have been moved to the factpane:

CBS description, Category name, amount original, amount adjustment, amount mutation, amount opportunity, amount risk and previous copied

The following fields are now editable in the grid:

Compl. QTY, Earned value, PoC (%), ETC quantity and ETC value

Feature | Calculation method for progress and estimate dataset

It is possible to set a default "Calculation Method" for the progress and estimate dataset.

This can be configured using the table-group-all-principal. The calculation method can be set by default, per cost group or project category.

The options for the calculation method are:

- Previous copied
- Copy WBS progress
- Actual to progress
- Manual



When creating a new data set, you automatically calculate the progress for the budget line, based on the configured calculation method.

A new "Auto Calculate" button has been added to the Progress and Estimate dataset. This function calculates the progress values using the configured calculation method.

It is still possible to use specific calculation methods.

Feature | CPI and SPI on progress and estimate form

The CPI and SPI have been added to the progress and estimate header on the progress and estimate form:

CPI: Cost performance index (earned value/actual costs)

SPI: Schedule performance index (earned value/planned cost)

Feature | ETC calculation method on progress line

The ETC calculation method can now be defined on project category and/or cost group. When creating a progress & estimate dataset, for each progress master line the ETC calculation method will be determined and ETC calculation for that line is done according to the calculation method defined.

Feature | ETC calculation method on progress line

The existing ETC calculation method that can be defined in the parameters is renamed to 'Fallback ETC method'. As before this method is used as default value for the ETC calculation method on budget version and progress and estimate data set. On these locations this method is also renamed to 'Fallback ETC method'.

In the parameters the ETC calculation method can be defined for a more detailed level using the Table (Project category), Group (Cost group) logic. When creating a new Progress and Estimate data set on progress header line level the ETC calculation method for that line is determined based on the new setup and this method is used for calculating ETC for that line. If no specific setup is used for that line, the fallback ETC method as defined on the Progress and Estimate dataset header is used for that line.

2.4 Discontinued features as per current release

No functional topics were discontinued in this release.

2.5 Fixes for this release

Bug | Absence of Axtension® Planning & Control - Cost Control license causing error 'Object reference not set to an instance of an object'

When no Axtension® Planning & Control - Cost Control license is present in an environment or when the configuration key for this solution is disabled, opening the Gantt preferences causes the error 'Object reference not set to an instance of an object' is raised. This issue has been solved.

Bug | Updating progress on the activity after posting hours

When posting hours on an activity with multiple cost lines which has adjusted progress, the progress on the activity should be updated with the correct percentage based on the added hours. This has been fixed now.



Bug | Cost control data sets - Cost groups non budgeted header versus lines incorrect

If a progress master line exists for budgeted costs, a non-budgeted cost progress detail line is added to the master record. If no master record exists a new non-budgeted master record is created with a non-budgeted detail record. I.e. if reporting on CBS code / Cost group and in the budget there are budget lines for CBS code 1, Category 1 (Cost group 1) and actual costs exists for CBS code 1, Category 2 (Cost group 1), a single progress master record is created for CBS code 1 and Cost group 1 with 2 detail lines: a detail line for the budget version line with category 1 and a non-budgeted detail line for the actual on category 2.

Bug | All production orders list page is very slow

When opening 'All production orders' there is a long delay before the form reacts to user input.

The cause of this delay is the display of the simulation ID in the grid.

In the new version this field will be empty for old production orders and can be filled by executing the data upgrade script 'Update simulation ID on production order' from the data upgrade cockpit (available via menu 'Production control\Periodic tasks\Planning & Control').

Bug | Revenue and planned value multiplied with multiple project controllers as responsible worker

The revenue and planned should not be affected by the amount of responsible workers



3. Known Issues

- Initialise: Calendar does not exist
In some cases, the message is thrown while launching the resource planning form in projects
- For resource assignments without a role do not show on the project resource planning assignments are there