
Advanced Maintenance and Service 10.0.37.31 for D365 Operations 10.0

Release Notes

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Document Information

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1. General

1.1 Purpose

This document describes the contents of Advanced Maintenance and Service 10.0.37.31 for D365 Operations 10.0. This release is monthly update for AMS for D365 FO.

See chapter 2.1 for the new functions and features, chapter 3.1 for fixes and chapter 4 for known issues.

Purpose of this release is:

Topic	Yes/ No	Remarks
Upgrade to new Microsoft release	Yes	Release is compatible with D365 10.0
New features	Yes	
Bug fixes	Yes	Refer section 3.1
Discontinued features	Yes	Workorder sign-off report is discontinued. However, this may be made available in the future releases.

See chapter 4 for known issues.

Cross reference to LCS solutions:

Solution	Solution Version	Build number	Remarks
Advanced Maintenance and Service for D365 10.0	31	10.0.37.31	

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 Maintenance and Service 10.0.37.31 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 10.0.37, 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	TI-Version number	Minimum required D365 version	Validated against D365 version	Compatible with D365 version
18/01/2024	10.0.37.31	10.0.35	10.0.37	10.0.35 and above
20/10/2023	10.0.36.30	10.0.34	10.0.36	10.0.34 and above

In case of an Error, To-Increase may provide a Hotfix on a reasonable efforts basis in a way it considers appropriate in its discretion. To-Increase 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 - To-Increase](#)

Advanced Maintenance and Service is compatible with the following solutions for Microsoft Dynamics 365 for Finance and Operations, Enterprise edition 10.0.

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 Upgrade from earlier versions

Upgrade from previous version for Dynamics 365 Finance and Operations is supported via the standard upgrade tools and best practices.

Upgrade from earlier versions than Dynamics 365 7.3 or from AX 2012 is not supported.

Title	Description
Error while fetching ISV license keys	In the action centre, where you see the notifications, up on loading the D365 URL, you will see an information which says “Error while fetching ISV license keys” –This is due to a deprecated feature on AMS, after release 10.0.31.26. Customers who will update to a version after to release 10.0.31.26 will need to remove/delete the configuration key Select 'Dynaway Service Portal' and click 'Remove selected license'. If the customers are already using a build later to 10.0.31.26, they may reach out to Microsoft to delete it for them to get rid of this notification.

1.5 Model delivery – discontinued.

Models are no longer going to be released from “Advanced Maintenance and Service 10.0.34.29” release onwards. 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 AMS, you must remove them before installing AMS 10.0.34.29 or later.

1.6 Certificate renewal information

As an Independent Software Vendor, we provide you with licenses which can be used to enable/use our solution. The code signing certificate expires every 3 years, this year per 12-June-2023. At that moment it must be renewed, and new licenses need to be installed.

The code signing certificate shipped with EAM 2304.1.1 (AMS 10.0.32.27 or earlier) **expires June 12, 2023**. We have updated the code signing certificate with current release EAM 2304.1.3 (AMS 10.0.32.28). The new certificate expires July 12, 2026.

The certificate path has also changed to:

- GlobalSign Root CA - R3
 - GlobalSign Code Signing Root R45
 - GlobalSign GCC R45 Code Signing CA 2020

- DYNAWAY A/S

For those of you with on-prem installations you may need to update the certificates for GlobalSign.

Please make sure you install the latest update AMS 10.0.32.28 before June 12, 2023, as these releases do contain the new certificate. Together with this update, you must install the new license. New licenses will only work together with the new certificate.

In case you get an error message 'license is not valid' during installation, then there is a mismatch between license and software package. After installing the latest update and latest license, please verify by logging into the application and see the respective menus.

Please note that if you try to re-load licenses for standard D365 F&O (e.g., adding more users) before installing the latest version and license, it will cause a re-validation of all ISV licenses, and that will cause the license for the To-Increase solution to fail as the underlying certificate is no longer valid. Users can no longer make use of the functionality.

If you have not received the new license deliverable(s), you can obtain the new license(s) from To-Increase by sending an email to swdist@to-increase.com. Also, do not forget to mention the LCS project name and URL to which the license needs to be added.

1.7 Support for multiple languages

At To-Increase, 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.

To-Increase 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 To-Increase label file in the English language is TILabel.en-US.label.txt, the new translation in German provided by To-Increase 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:

- To-Increase 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. New features

2.1 Common features

To-Increase 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 listing various solutions with columns for 'Solution', 'Installed version', and 'Status'. The 'Advanced Discrete Manufacturing' solution is highlighted. On the right, a detailed view for 'Advanced Discrete Manufacturing' is shown, indicating that the solution is not installed. Below this, there is a table for licenses with columns for 'License', 'Status', and 'Expiry date'. The 'Construction' license is highlighted.

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 To-Increase 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 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.

Submit

Cancel

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 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@to-increase.com.

2.3 Summary

Finance and Operations

Work Order Report - Posted Journals and Counter Values. It is now possible to print posted journal lines for hour, item, and expense work order journals in work order reports. Additionally, not only the latest object counter values, but also object counter values on dates are displayed in a work order report when a work order has been created and completed.

Mobile Client

Work Execution:

It is now possible to create a request directly from a work order job. The asset will then be automatically filled in as the assumption is that the user wants to add a request on the asset currently being maintained.

The checklists have gotten a new and improved look making it easier for the user to interact with them.

If the Offline inventory is enabled and used, it is now possible to search only in those items when consuming items, also when the application is still online.

General:

Improved performance on some pages with long lists of data. Improved toast message behaviour.

2.4 Updates for mobile client.

DMO- 7321

Assets/Objects - Work Orders & Requests - Removed Filtering Chips

Filtering chips have been removed from the "work orders" and "requests" list pages that can be accessed when viewing detailed information of an asset/object.

DMO- 7571

General - Improved Several Pages' Performance with Infinite Scroll

We enhanced page performance by introducing infinite scroll to Work order details pages with many jobs. Work orders and requests pages found by navigating from the asset details page. Checklist overview pages.

We also added end-of-list messages ('no more items to display') in those pages when the end of the list is reached.

DMO- 7844

General - Saved Search - Added Action Buttons to Lists and List Pages

We have moved actions from the top-right menu to buttons on the lists and list pages of assets/objects, requests, and work orders. This has been done to bring the most used actions closer to the user.

Assets/Objects Asset tree Scan code

Requests

Create request Scan code

Work orders

Create work order Scan code

The search button is still available in the title bar of these pages.

DMO- 4837

General - Toast Messages

Improved how toast messages behave so now they will no longer hide the navigation bar and they are dismissible.

DMO- 8365

Navigation - Sign Out

A warning message has been added to the sign out process. This means that when the user clicks the sign out button, they are asked to confirm the choice.

This has been done to minimize the risk of accidentally signing out of the application.

DMO- 5298

Work Order Jobs/Lines - Added the Option to 'Add Request'

Users can now create maintenance requests directly from work order jobs/lines, eliminating the need to navigate through multiple steps. The asset

/Object of the current job/line will be automatically filled into the 'create request' form. Module Configuration 'Work execution > Maintenance requests > Enabled' must be true for this feature to be available.

DMO- 7621

Work Orders - Create - Limit Work Order Types

It is now possible to limit the list of available work order types presented to the worker when creating a new work order. This is done through the module configuration Work execution > Work orders > Work order types available.

If nothing is specified, all work order types are available, otherwise only those specified in the module configuration will be available.

DMO- 7820

Work Orders - Hour Registrations - Limit Selectable Workers

It is now possible to limit the available workers when adding hour registrations, based on the asset/object functional location. To use this functionality, the "Responsible worker from asset/object location only" module configuration must be enabled.

DMO- 7195

Work Orders - Hour Registrations - Lock Default Project Category

It is now possible to lock the project category of new hour registrations with the default project category for the worker by using the module configuration Work execution > Work orders > Registrations > Modify project category.

DMO- 6552

Work Orders - Item Registrations - Primary Actions Moved to Items Page

We have moved the actions to create a new item registration and a new item forecast from the top-right menu on the page to easily accessible buttons on the page itself in an effort to bring the most used actions closer to the user.

DMO- 5670

Work Orders - Item Registrations - Search in my Offline Inventory

When searching for items to register on work order jobs/lines, it is now possible to search just in the offline inventory, if that is available, even when the application is still online.

The selected setting will be remembered for the next item search on the same device.

DMO- 8303

Work Orders - Items - Issue Loading Item Information

Fixed an issue where, in certain circumstances, the items page and item search could fail loading when a legal entity uses less than 4 characters.

DMO- 7293

Work Orders - Purchase Requisitions - Read-only Unit Price Field

Editability of the "Unit price" field has been disabled when adding a purchase requisition line.

DMO- 8084

Work Orders - Registration Pages - Added Action Buttons to Multiple Pages

Moved actions to add registrations from the top right menu on the registration's pages to buttons on those pages. This has been done to bring the most used actions closer to the user.

The pages that have had this improvement are:

Hour registrations Expense registrations Faults

Maintenance downtime / Production stops Purchase requisitions

DMO- 4078

Work Orders - Registrations - Sort Order Enhancement

Faults, item registrations, time registrations, and expense registrations are now sorted in a descending order by date. This update ensures the most recent entries are at the top for easier access.

2.5 Discontinued features as per previous releases

ID	Title	Description
DFO1003126-37	Mobile - Service Portal	The Service portal functionality has been removed.
DFO1003126-31	Mobile - Entity Setup - Initialize Entities	The functionality of initializing a subset of entities has been removed. Use the full initialization of entities found under Periodic > Entity initialization.

Note: Workorder signoff report is discontinued. However, this may be made available in the future releases.

3. Bug fixes

3.1 Fixes and updates for D365 Finance and Operations.

DFO- 7338

Advanced EAM - Project - Added Separate Permissions for Creating Work Orders from Projects

New security privilege and security duty called "Create work orders from project" have been created which allow to control, in a more granular way (by modifying existing security roles or creating new ones), which users are allowed to create work orders from projects.

DFO- 6801

Advanced EAM - Work Order - Report - Posted Journals and Counter Values

It is now possible to print posted journal lines for hour, item, and expense work order journals in a work order report. Additionally, in work order reports, not only the latest object counter values are displayed, but also object counter values on dates a when work order has been created and completed.

DFO- 7188

Analytics - Added Data Entities for Counters, Faults, Projects, Request Types and Base Workers The following Dynaway data entities have been added to the Analytics solution:

MROBIFaultAreaEntity (EAM BI Fault areas) MROBIFaultCauseEntity (EAM BI Fault causes)
MROBIFaultRemedyEntity (EAM BI Fault remedies) MROBIFaultTypeEntity (EAM BI Fault types)
MROBIModelEntity (EAM BI Models) MROBIOBJECTCounterEntity (EAM BI Counters) MROBIPROJECTEntity (EAM BI Projects) MROBIPROJECTGroupEntity (EAM BI Project groups) MROBIREQUESTTypeEntity (EAM BI Request types) MROBIWorkerBaseEntity (EAM BI Base workers)

DFO- 7207

Dynaway - About Dynaway

From the Help and Support menu, users can now easily access the Dynaway Overview page.

DFO- 7139

Dynaway - Disable Validation for Expired Licenses and Enable Their Removal

A warning about a coming license expiration is displayed only for licenses that will expire within the next 30 days and it is not displayed for licenses which have already expired in the environment. Additionally, it is possible to remove all Dynaway licenses which already expired in the "Dynaway overview" page.

DFO- 7247

Dynaway - Error when Opening Dynaway Menu Items

Fixed the error "You are unable to navigate directly..." when users opened help, ideas, or the about Dynaway menu items.

DFO- 7184

Enterprise Asset Management - Added Possibility to Modify through Extensions Forecast Records

Developers can now modify hour, item, expense and fee forecast records through extensions, which are created when inserting work order lines. Each method from "MROWorkOrderLineCreateProject" class, which creates forecast record (e.g. "createForecastEmpl") has related method (e.g. "createForecastEmplModify"), which can be used for changing required values from the code in forecast record.

DFO- 7012

Enterprise Asset Management - Delete Work Order Line Validation Warning

Fixed a warning "Cannot delete other people's activities" given to users when deleting a work order line.

DFO- 6974

Enterprise Asset Management - Work Order Quotation

Work order quotation estimated start date is now initialized based on the earliest creation date of projects assigned to a work order.

DFO- 6357

Maintenance Insights - Worker Overview

You can now verify the calendar set up on the resource in the overview. This enables you to easily see if workers are set up with a wrong calendar.

DFO- 7286

Mobile - "ModelSparePart" Entity Made Personated

The "ModelSparePart" mobile entity has been changed from initializable to personated, which improves performance when working with spare part items on the mobile client.

DFO- 6930

Mobile - Asset Image Rotated

Fixed a bug which caused some of the asset images to be shown rotated after their compression.

DFO- 7137

Mobile - Fixed Problem with Rounding Amount when Registering Expense Journals

A bug has been fixed when registering an expense journal in the mobile client and specifying quantity and/or cost price with more than 2 digits after the dot. Now, expense amounts calculated based on the introduced quantity and cost price are rounded according to currency setup, which solves the problem with posting expense journals in the Finance and Operations system.

DFO- 7196

Mobile - Fixed Units Lookup when Creating a Purchase Requisition

A bug has been fixed related to the fact that when creating a purchase requisition from the mobile client, units without descriptions were not displayed in the units lookup.

DFO- 7164

Mobile - Removed Telemetry and URL Schema Forms

We have removed deprecated forms for telemetry and URL schema.

DFO- 6990

Mobile - Skip Submission to Purchase Requisition Review Workflow

It is now possible to skip sending a newly created purchase requisition to the purchase requisition review workflow and provide reason/business justification when creating a purchase requisition from the mobile client.

DFO- 7166

Mobile - Stopped Items

Items marked with "stopped" will no longer be shown when searching for items in the mobile client.

DFO- 7420

Mobile - Update Object Type Specifications

We have improved the performance when creating and deleting specifications for object types. The improvement regards avoiding unnecessary updates of entities.

DFO- 7165

Mobile - Work Order Forecast Item Lines

Inventory quantity and line property for work order item forecasts created from the mobile client are now correctly initialized.

DFO- 6794

Mobile - Work Order Registration Extensibility

Backend code used in retrieval of items for work order registration has been made extensible, so that partners may add conditions relevant to specific companies.

DFO- 6991

Mobile - Work Status on Work Orders

Fixed work order status on work orders where there are multiple lines with different work statuses.

DFO- 6583

Mobile - Fixed Date Calculations in Work Order Queries

Introduced a slight rework to date calculations used in work order queries.

DFO- 7186

Safe Work - Fixed Problem with Extensions Ordering

Lockout and Tagout extensions to EAM work order, object and functional location forms have been moved from "Dynaway Safe Work for EAM" module to "Dynaway EAM" module, which should ensure that Safe Work controls on these forms are initialized correctly.

DFO- 7429

Mobile - Fixed Casting Object Error When Registering Items on Work Order

A bug has been fixed in relation to the casting object error in items lookup when registering items on work order. Problem appeared when mobile client was using language different than English (US) language.

4. Known Issues

Title	Description
Error while fetching ISV license keys - Fixed.	In the action centre, where you see the notifications, up on loading the D365 URL, you will see an information which says "Error while fetching ISV license keys" –This is now resolved.