
Advanced Maintenance and Service 10.0.32.27 for D365 Operations 10.0

Release Notes

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1. General

1.1 Purpose

This document describes the contents of Advanced Maintenance and Service 10.0.32.27 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	

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	32	10.0.32.27	

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

Advanced Maintenance and Service 10.0.32.27 for D365 Operations 10.0 is released on the following Microsoft Dynamics 365 build.

Installed product version	Installed platform version	Remarks
Microsoft Dynamics 365 for Finance and Operations (10.0.30)	Update 54 or higher.	

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.

1.5 Certificate renewal information

As an Independent Software Vendor, we provide you with licenses which can be used to enable/use our solution. These licenses are based on a Microsoft certificate which is part of our solution. This certificate expires every 3 years, this year per 09-06-2023. At that moment it must be renewed, and new licenses need to be installed.

Please make sure you install the latest update before June 9th, 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.

After installing the update, the security certificate renewal can be completed in 3 simple steps.

Step 1: Install the update and navigate to the Solution Management Workspace

Step 2: Click the 'Retrieve available licenses' in the action pane.

Step 3: Validate the licenses for correctness and completeness and click import.

Click [here](#) for more information on the Solution Management Workspace.

1.6 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 don't 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 is expiring 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, a table lists various solutions with their installed versions and statuses. The 'Advanced Discrete Manufacturing' solution is highlighted. On the right, a detailed view for this solution is shown, indicating it is not installed and listing its licenses.

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		×

Advanced Discrete Manufacturing

SOLUTION IS NOT INSTALLED

Solution description
Help manufacturers solve problems and streamline process flows.

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.

2.2 New features for this release

- **DFO-4097**
Advanced - Counters - Min/Max Validation
New validation based on maximum and minimum counter value for specified period. The period can be set for intervals: day, week, quarter, or year.
- **DFO-5399**
Advanced - Linked Job Types - Pop-up
Fixed a bug which was corrupting pop-up refreshment during the change of a selected record on related form.
- **DFO-5276**
Advanced - Removed "Object QR Code" Report
"Object QR code" report has been removed because of perceiving it as unnecessary functionality.
- **DFO-5827**
Dynaway - License Count Information
When nearing the max of a license, users are now informed of current usage and license limits.
- **DFO-5013**
Dynaway - Model Metrics - Exclude Metrics
Metrics can now be excluded for future calculations.
- **DFO-2981**
Dynaway - Performance Overview
New performance overview has been introduced to better troubleshoot performance issues. It provides metrics for fetching data.
- **DFO-5500**
Dynaway - Product Capabilities - Link to Help
In the product capabilities form, field, filter, column, and link to Dynaway Help page, related to the selected product capability, has been added.

Additionally, above the product capabilities grid, the button "Open help" is available which allows to quickly open the Dynaway Help page for the selected capability and get information on how specific functionality work.

- **DFO-5986**
EAM - Checklist - Keep Record Focus After Changing Properties
An issue has been fixed which caused that after changing some checklist properties (e.g. adding notes) and saving these changes, checklist line record focus was lost and the user ended up in the first checklist line.
- **DFO-5990**
EAM - Complete Work Order with Posting Empty Journals
An issue has been fixed which caused it was not possible to complete a work order with posting empty work order journals because of an error displayed in the screen. Now, the functionality works in the way that if there is an empty work order journal, then during the completion of a work order, an error is not displayed, empty work order journals are automatically deleted and afterwards the work order stage is updated to completed stage. If there is not-empty work order journal which has not been posted successfully, then during the completion of a work order an error is displayed and the work order stage is not updated to completed stage.
- **DFO-5824**
EAM - Metrics - Specifications
Two new metrics have been added which count the number of specifications for objects and the number of specifications for objects with blank values. Only active objects are counted.
- **DFO-5822**
EAM - Round Functional Location - Update Of Missing Line Numbers
New runnable job which updates round functional location line numbers for those records that miss it.
- **DFO-5792**
EAM - Work Order - Update Draft WBS Record When Creating Work Order
Fixed an error related to updating WBS record which has never been selected for update when creating new work order/work order line.
- **DFO-5423**
EAM - Work Order Report - Not Applicable Checklists
Value 'N/A' will be added for visible work order checklist with marked 'N/A' checkbox.

- **DFO-5708**
EAM - Workers - All Active Workers
Users can now get a complete overview of all active maintenance workers across all companies.
- **DFO-6016**
Labels - Labels has been updated for da (Danish).
- **DFO-5993**
Labels - Labels has been updated for nb-NO (Norwegian).
- **DFO-5584**
Maintenance Insight - Security Overview - User Role Assignment
New 'Users' tab page with overview of all assigned users to a selected role. New form 'Users role assignment' accessible from Security overview form which shows all users with assigned roles.
- **DFO-4993**
Maintenance Insight - Security Overview
New overview of all security roles with related duties, privileges, and entry points.
- **DFO-1610**
Mobile - Attachment Entity Handling
Improved attachment entity handling for mobile, making sure that entities for attachments, which had their parent records deleted, are cleared as well.
- **DFO-5870**
Mobile - Entity Setup - Default Days
During initialization of entities, default values are now set for Days. 45 days for all entities with date range enabled and 365 for change log.
- **DFO-5614**
Mobile - Filtering Data Related to Worker's Functional Location
The performance of filtering data (e.g. work orders, requests) related to worker's functional location has been improved.
- **DFO-5820**
Mobile - Fixed Sorting in Work Orders List

There has been fixed an issue regarding fact that sorting by start date and end date in work orders list (header view) did not sort correctly visible work orders

- **DFO-5570**
Mobile - Handler Setup - Logs
From handler setup, users can now view logs for a selected handler and see the number of logs related.
- **DFO-5419**
Mobile - Inspect Entity from Setup
From entity setup, users can now inspect a selected entity. Users can also view failed entity submits.
- **DFO-5609**
Mobile - Planning Board
Added a new module configuration which prevents changes of stage on a work order when a schedule is split using the planning board.
- **DFO-5615**
Mobile - Users
The total number of enabled users is now displayed. For each user, the number of related groups and entity personations is shown.
- **DFO-5783**
Mobile - Work Execution - Request Started by Name
Fixed an issue where no name was displayed for requests started by employees who are not a maintenance worker. The name has been added to the entity.
- **DFO-5863**
Safe Work - Rename of Identifiers
Fixed a bug which did not update safe work identifiers after object or functional location were renamed.
- **DFO-4851**
Safe Work - Safe Work Manager and Safe Work Clerk Security Roles
Two security roles: Safe work manager and Safe work clerk have been updated with relevant permissions regarding Safe work modules (Forms, Lockout, Tagout, Permits, Risk Assessment).

A Safe work manager can set up all Safe work modules and execute all operations in these modules. A Safe work clerk is only able to preview setup and transactions in all Safe work modules.

2.3 Discontinued features as per current release

No features are discontinued with this release.

2.4 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.

2.5 Fixes for this release

- **DMO- 6098**

Attachments - Fixed upload issue if File/All not specified.

Fixed an issue where the worker could not add an attachment if the File/All type was not defined in the document types of setups for mobile.

- **DMO- 6081**

General

It is now possible to collapse the sidebar on larger screens.

- **DMO- 6366**

Navigation - Moved settings button

Moved the settings button to the lower part of the navigation bar.

- **DMO- 6827**
Objects – Faults
Fault cause and fault remedy selection dialogs were changed to allow filtering of results.
- **DMO- 6825**
Objects and Work orders - Object tree
A new tab page has been added to the work order job details page and the object details page, where the worker can see and navigate the object tree for the current object.
- **DMO- 4737**
On-premises support
Added on-premises support for the work execution application.
Note: Using ADAL authentication to support ADFS 2016
- **DMO- 6823**
Requests - Fixed issue updating stage
Fixed an issue where the worker could not update the stage of a request.
- **DMO- 6821**
Requests and Work orders - Fixed updating stage when not active
Fixed an issue where it was not possible to update the stage of a work order or request if it was not active.
- **DMO- 6819**
Requests, Work orders - Use default request type, work order type and priority when creating a request or work order.
Added the use of default request type when creating a new request.
Added the use of default work order type when creating a new work order, if the work order is created from a request, we also consider the default work order type for that request type.
Added the use of default priority for both new requests and new work orders. This is handled by leaving the field blank, in which case D365 will fill it in.
- **DMO- 4934**
Saved searches - The responsible group saved search filter has the My groups value, which dynamically uses the worker's responsible groups
Added the dynamic value My groups as an option when using the responsible worker group filter on saved searches for work orders or requests.

The value will dynamically fill in the responsible groups which the current worker is a member of.

- **DMO- 4745**

Security

The app's security was improved by providing updated web server configuration helping against attacks including (but not limited to) Cross Site Scripting (XSS) and data injection attacks. These attacks are used for everything from data theft to site defacement or distribution of malware and the provided web.config file ensures that the application server is properly configured.

- **DMO- 5814**

Settings - Language - Fall back to en-us language.

If the selected language from D365 does not exist in the mobile client, the user is warned once and the application falls back to using en-us.

- **DMO- 6079**

Settings – Re-fetch module configuration

A new button on the settings page allows users to re fetch the module configuration.

- **DMO- 6236**

Synchronization - Fixed to opening work orders from lists

Fixed an issue where sometimes new work orders could not be downloaded on the mobile client.

- **DMO- 6817**

Work orders - Added the option to show the current lifecycle state with a coloured background for an easier overview

On the results of saved searches and on the workorder details page, the current lifecycle state can now be shown with a coloured background.

The colours are set up in D365 under Dynaway mobile -> Setup -> Asset management -> Work order lifecycle state display setup and the module configuration is found under Work execution -> Work orders -> Lifecycle state show colour.

- **DMO- 6815**

Work orders - Added the option to split a work order line schedule and assign the new schedule to someone else.

Added the option to either schedule to another worker, in the case where no schedule exists, or create a new schedule for another worker. The module configuration is in Work orders -> Work order create schedule to other.

- **DMO- 4935**
Work orders - Checklist - Added support for default checklist variable values
If at least one checklist line of type variable has a default value, the worker can choose to fill in these checklist lines with their default value.
- **DMO- 6811**
Work orders - Checklists overview
Fixed an issue with checks being occasionally under a wrong work order line on the checklists overview page.
- **DMO- 5029**
Work orders - Computed end date available for sorting and display
The customizable cards for saved searches allow the computed end date to be shown on the cards, and the saved search can filter and sort the end date.
The end date is the actual end date if it exists, otherwise the scheduled end date if that exists, otherwise the expected end date.
- **DMO- 6178**
Work orders - Create - Default work order type if object under warranty
If the object is under warranty, a default work order type can be specified which will now also be used when creating work orders from the mobile client.
- **DMO- 6835**
Work orders - Create - Fix to setting scheduled stage on new work orders
Creating a new work order with a scheduled worker will set the stage of the newly created work order to the "Scheduled" stage even if scheduling is not allowed for the initial stage.
- **DMO- 6626**
Work orders - Create - Fixed automatic expected end always being set
Fixed an issue where the expected end would always be set when creating a new work order.
- **DMO- 6809**
Work orders - Fixed issue updating stage
Fixed an issue where updating the stage of the work order required certain parameters to be set in the setup.

- **DMO- 6031**
Work orders - Fixed missing worker on a checklist
When updating a checklist, the worker will now be set on the updated check.
- **DMO- 5750**
Work orders - Hour registrations - Fix issue with missing category
Fixed an issue where it was possible to create an hour registration if the default project category was not available on the mobile client.
- **DMO- 6154**
Work orders - Hour registrations - Fixed date when editing an hour registration
Fixed an issue where editing an hour registration would use the day today instead of the date it was originally saved with.
- **DMO- 6075**
Work orders - Hour registrations - Fixed incorrect minutes registered when using from/to
Fixed an issue where using the from time and to time would not save the correct minute but only the correct hour when creating or editing an hour registration.
- **DMO- 6157**
Work orders - Hour registrations - Fixed read-only state of posted hour registrations.
Fixed an issue where posted hour registrations could still be updated or deleted.
- **DMO- 6807**
Work orders - Hour registrations on a work order divided between available jobs
A new action on the work order details page allows registering hours divided evenly among available jobs. The action is called Split hours same as in D365.
- **DMO- 4941**
Work orders - Item registration - Search in and use items from spare parts and BOM for forecasts
Extended item search to also search in spare parts and BOM when adding item registrations or item forecasts. These can now also be done directly from the individual spare part or BOM item.
- **DMO- 6834**
Work orders - Item registrations - Return items
A new action was added to item registrations that will let users return items back to the inventory.

- **DMO- 2014**
Work orders - Item registrations - Use translated item name
When looking at items in relation to item registrations, BOM or spare parts, the item name will be translated to the currently selected language if available.
- **DMO- 6523**
Work orders - Notes fields - Fixed scrolling on long text
Fixed an issue where scrolling in long texts of Workers' remarks and other notes fields would not scroll to show all text.
- **DMO- 6813**
Work orders - Object documents - Fixed URLs not showing.
Fixed an issue where URL attachments added as object documents did not show up in the mobile client.
- **DMO- 4621**
Work orders - Print work order report
It is now possible to print a work order report from the mobile client. A set of report templates and available printers are made available by D365 which can be used by the mobile client to print a report.
It is possible to set default printer and default work order report using the module configurations.
- **DMO- 6805**
Work orders - Production stop - Change type to reason code and make it optional
Updated the create dialog for maintenance downtime registrations by renaming the type property to reason code and making it optional to reflect how it works in D365.
- **DMO- 6525**
Work orders - Purchase requisition - Set default description for new purchase requisitions
Added the option to define which properties should make up the default description of a new purchase requisition. The module configuration is in Work orders -> Purchase requisition description fields.
It defaults to work order ID followed by work order description.
- **DMO- 6241**
Work orders - Saved search - Fixed list with no results offline.
Fixed an issue where lists, which should have no results, showed all downloaded results while offline.

- **DMO- 6832**
Work orders - Saved search - Improved handling and performance of saved searches
We have made several improvements to the work order list page, including:
The numbers next to each work order list now represent the number of entities (work orders or lines/schedules) based on which one is set up as the default view mode in the settings of the list. Previously, it always referred to lines/schedules.
Work orders will now consistently load in batches of 50, instead of an unpredictable number.
Work orders will no longer appear multiple times in lists showing the work order header (this used to happen in work orders with larger number of lines).
We have fixed an issue with toggling between lines and orders quickly.
In case the functional location limitations are toggled on in Module Parameters,
- **DMO- 6594**
Work orders - Saved searches - Fix to showing more than 50 work orders
Work orders will no longer appear multiple times in lists showing the work order headers (this used to happen in work order headers with a larger number of lines).
- **DMO- 5565**
Work orders - Set scheduled start to now on Schedule to me and Take schedule actions
Taking a schedule or scheduling a job to myself will update the start (and end) dates for the schedule if they are not set to the present day.
- **DMO- 5825**
Work orders - Show a warning on the Take schedule action
Displayed a warning when you are about to select the Take Schedule option, asking you to confirm that the schedule will be transferred to you.
- **DMO- 4569**
Work orders - Show availability for forecast items
On the item registrations list page, each item forecast entry now shows the available quantity. If offline, the quantity is calculated based on what has been downloaded for Advanced inventory.
- **DMO- 6830**
Work orders - Show the list of purchase orders associated with a work order line
It is now possible to see the list of purchase orders associated with a work order line from the details page. The list is only available while online.

- **DMO- 5841**
Work orders - Take schedule - Fixed issue of the Take schedule action only available once
Fixed an issue where a worker could only perform the Take schedule action once on a work order job with multiple schedules.
- **DMO- 5886**
Work orders - Work Status - Colours palette
Selected a predefined colour choice for all possible work statuses to achieve a cohesive and meaningful set of colours for the different statuses. Alternatively, the colours can still be customized in D365 under Dynaway mobile > Setup > Asset management > Work status display setup.
- **DMO- 6829**
Work orders - Work status - Fixed issue where completing any schedule would update the stage of the work order
Fixed an issue where updating the work status of any schedule would trigger an update of the work order stage if such a mapping existed, causing an error from D365. Now, the stage is only updated when required.
- **DMO- 4939**
Work orders - Work status - Added the option to show the current work status with a coloured background for an easier overview
On the results of saved searches and on the work order job details page, the work status can now be shown with a coloured background.
The colours are set up in D365 under Dynaway mobile -> Setup -> Asset management -> Work status display setup and the module configuration is found under Asset management -> Work orders -> Work order schedule work status colour.
- **DMO- 6227**
Work orders and Planning board - Fixed an issue where navigating away from a work order would fail.
Fixed an issue where the user could not navigate back from a work order opened via the planning board, as the mobile client would navigate to the same work order immediately.

3. Known Issues

No known failures in this release.