
Advanced Maintenance and Service 10.0.25.23 for D365 Operations

10.0

Release Notes

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Document Information

Title	Advanced Maintenance and Service 10.0.25.23 for D365 Operations 10.0
Subtitle (Subject)	Release Notes
Solution Suite	Advanced Maintenance and Service
Category	Release Notes
Author	Product Management
Published Date	5/17/2022
Status	Final

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1. General

1.1 Purpose

This document describes the contents of Advanced Maintenance and Service 10.0.25.23 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	No	Release is compatible with D365 10.0
New features	No	
New D365 functional topics considerations	No	
Bug fixes	Yes	Refer section 3.1
Discontinued features	No	

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	23	10.0.25.23	Package fix (Add license model correctly)
Advanced Maintenance and Service for D365 10.0	22	10.0.25.22	Bug fixes
Advanced Maintenance	21	10.0.24.21	Bug fixes

and Service for D365 10.0			
Advanced Maintenance and Service for D365 10.0	20	10.0.21.20	Bug fixes
Advanced Maintenance and Service for D365 10.0	19	10.0.20.19	Bug fixes
Advanced Maintenance and Service for D365 10.0	18	10.0.17.18	Bug fixes
Advanced Maintenance and Service for D365 10.0	17	10.0.16.17	Bug fixes
Advanced Maintenance and Service for D365 10.0	16	10.0.14.16	Bug fixes
Advanced Maintenance and Service for D365 10.0	15	10.0.14.15	Bug fixes
Advanced Maintenance and Service for D365 10.0	14	10.0.12.14	Bug fixes, new certificate
Advanced Maintenance and Service for D365 10.0	13	10.0.10.13	Bug fixes
Advanced Maintenance and Service for D365 10.0	12	10.0.8.12	Bug fixes

Advanced Maintenance and Service for D365 10.0	11	10.0.6.11	Bug fixes
Advanced Maintenance and Service for D365 10.0	10	10.0.6.10	Bug fixes
Advanced Maintenance and Service for D365 10.0	9	10.0.6.9	Bug fixes
Advanced Maintenance and Service for D365 10.0	8	10.0.5.8	Bug fixes
Advanced Maintenance and Service for D365 10.0	7	10.0.4.7	Bug fixes
Advanced Maintenance and Service for D365 10.0	6	10.0.4.6	Bug fixes
Advanced Maintenance and Service for D365 10.0	5	10.0.3.5	Bug fixes
Advanced Maintenance and Service for D365 10.0	4	10.0.2.3	Bug fixes
Advanced Maintenance and Service for D365 10.0	2	10.0.0.2	Bug fixes
Advanced Maintenance and Service	1	10.0.0.1	Initial update of D365 10.0

for D365 10.0			
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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 10.0.25.23 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 (10.0.23)	Update47	

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.

2. New features

2.1 New for this release

Package fix (Add license model correctly)

2.2 New for previous releases

2.2.1 **New for release Advanced Maintenance and Service 10.0.25.22 for Dynamics 365 Operations 10.0**

Dynaway Mobile Client (stable 2204.0.1)

The application has been split into two separate applications one for the planning board and one for work execution (and service portal). This means that in order to use both, two different websites must be installed, either as:

- Two different sub-domains (using two App Services), e.g. <https://my-company-work.azurewebsites.net/> and <https://my-company-plan.azurewebsites.net/>
- Or two sub folders in the same domain (using one App Service), e.g. <https://my-company.azurewebsites.net/work/> and <https://mycompany.azurewebsites.net/plan/>

2.2.2 **New for release Advanced Maintenance and Service 10.0.24.21 for Dynamics 365 Operations 10.0**

- New module Maintenance data import has been added. This enables import of flat files from Azure file storage. The module is a framework intended to be extended with additional sources and maintenance data types to be imported.

2.2.3 **New for release Advanced Maintenance and Service 10.0.20.19 for Dynamics 365 Operations 10.0**

- **Mobile - Planning Board - Work order stage colors used on the planning board**
Updated the planning board to color cards and icons on the grid by which work order stage they are in.
- **EAM -Work orders - Change object when creating related work order**
It is now possible to change the object when creating a related work order. The default will still be the same object as on the originating line.
- **EAM - Work orders - Manually type in actual start and end date on changing work order stage**

When updating the work order stage to one requiring actual start and/or end to be set, the worker is now prompted to fill in these values.

2.2.4 New for release Advanced Maintenance and Service 10.0.17.18 for Dynamics 365 Operations 10.0

- **Mobile - Items - Product image is now shown if available when searching for items**
If a product image has been specified for an item, it is now shown in the search result when searching for items using the mobile client. The product image is now also available for the object BOM items.
 - **Mobile- Objects - Expand or collapse all timeline entries**
Added functionality to expand or collapse all entries in timeline of an object with one click.
 - **Mobile- Objects - Search in timeline**
It is now possible to search in the timeline of an object. Events which do not fulfill the search term are hidden. The search is performed on all available field values of an event, e.g. work order ID or request description.

2.2.5 New for release Advanced Maintenance and Service 10.0.16.17 for Dynamics 365 Operations 10.0

- **EAM - Fault Designer - Create combination for all types**
From the fault designer it is now possible to create fault combinations for all types, rather than one by one. Also, a filter function has been added, showing types with missing setup.
Applicable for Advanced EAM and Advanced Asset Management.
- **EAM - Work Order Journal - Item Name**
Item name column has been added to the item grid for work order journals.
- **EAM - Work order stage update**
Restrictions to Stage Movement: Additional, user and user group -based control of manual stage changes for objects, functional locations, and work orders.
- **EAM - Linked Job Types**
It is possible to add a linked job type setup to a job type setup. Such linked jobs are automatically created when a work order line which uses the job type setup is created.
- **Mobile - Added handlers for creating procurement for work order lines**
Based on solution from AX 2012 new handlers enabling possibility to create purchase requisitions with items or procurement categories based on work orders have been added to mobile solutions for EAM and AM.
- **Mobile - Changeable 'Responsible' fields**

A new configuration has been added enabling users to edit the responsible fields on a work order.

- **Workspace - Work Order Management**

Work Order Management has been prefixed with EAM to make it different from standard workspace.

- **Planning Board**

Updated handling of saved search list on planning board to calculate and display total forecast hours on a work order with multiple forecasts.

- **Planning Board - Added keyword search on selected saved search**

Added the option to filter the currently selected saved search with a keyword search, which searches on *workOrderId*, *jobTypeId*, and *staged*

- **Planning Board - Can now rearrange workers in created teams**

It is now possible to rearrange workers in teams created on the planning board. This means that they are no longer automatically sorted alphabetically.

The default *All workers* team cannot be rearranged.

- **Planning Board - Can now show/hide weekends on the planning board**

It is now possible to show/hide weekends on the planning board. This setting cannot be changed while creating a draft.

- **Planning Board - Collapse/open side navigation**

It is now possible to collapse and reopen the side-navigation panel to maximize the space given to the planning grid.

- **Planning Board - Improved detailed view in 14-day calendar**

Improved how information is displayed on the schedule cards on the planning board while using the 14-day view.

- **Planning Board - Added option to filter by work order stage / lifecycle state**

Introduced the option to filter saved searches on the planning board by work order stage / lifecycle state. It is only possible to choose those where *Allow scheduling* is enabled.

- **Requests - Date ranges now look back in time to give requests from the past x days**

Changed the date range for request saved searches to look back in time, as requests cannot be created in the future.

- **Saved searches - The lists of saved searches are sorted alphabetically**

The lists of saved searches for object/assets, requests, and work orders are now sorted alphabetically. The lists provided by the application itself, i.e. *work scheduled to me* and *Downloaded objects/assets/requests/work* are still placed at the bottom of the list.

NOTE: The sorting is different for different browsers. Apparently, Edge reads Å as AA so it is before Ab in the sorting, while Chrome puts Å after Ab.

- **Work orders - The responsible worker of a work order can be changed**

It is now possible to change the responsible worker of a work order on the work order detail page if it has been enabled for the user in the module configuration.

2.2.6 New for release Advanced Maintenance and Service 10.0.14.16 for Dynamics 365 Operations 10.0

- No new features

2.2.7 New for release Advanced Maintenance and Service 10.0.14.15 for Dynamics 365 Operations 10.0

- **Advanced EAM - Change Job Type Setup Combination**

A new functionality has been added, making it possible to change the combination of a job type setup record

- **Advanced EAM - Work Order Descriptions**

Work order type has been added to work order descriptions, making it possible to set up descriptions based on work order type. A description can only be linked to one work order type. Data entities has been updated.

- **EAM - Changed label texts for security roles**

Label texts for all EAM security roles have been changed by adding prefix 'EAM' to them. In that way we avoid duplication of security role names in system security setup.

- **EAM - Enabled editability for dates in worker groups form to improve user experience comparing to similar standard forms like resource groups form.**

- **Mobile - Configuring start day of the week for the mobile planning board**

A new module configuration “Week start day” has been added to the planning board section in the module configuration. The setting controls which week day will appear first on the planning board.

- **Mobile - Default description in hour journals**

If no description is provided when registering hours on the mobile the same default description is applied as if it had been registered directly in the D365F&O client.

- **Mobile - Default description on work order lines created on mobile**

If no description is provided on a new work order line created on the mobile client a default description is added when it is saved in D365F&O. The default description comes from the job type setup/default and if none is configured there a description from the job type is used.

- **Mobile - Update to configuration and license keys**

The license for “mobile offline assets/objects” has been removed and the functionality is now provided as part of the base license for the mobile solution.

The license for “mobile offline inventory” has been renamed to “mobile advanced inventory”.

Important: If using this functionality, please request an updated license file from support.

- **Mobile - Asset BOM on item registration page**

The asset BOM is now visible on the item registration page, and the worker can register use of any of these items with a single click.

- **Mobile – Option to select the first day of the week for the Planning Board**

The start day of the week can now be specified for module configuration of the Planning Board. If updated, it will be set the next time the planner logs in to the mobile app.

- **Mobile – Option to update request stage/lifecycle state**

The stage/lifecycle state of the request can now be updated on the request detail page. The list of valid stages for the worker is defined in the module configuration.

- **Mobile - Checklist lines of type Date Time now supported**

The checklist lines of type Date Time can now be used on the mobile client.

- **Mobile - Extended fields for saved searches**

The worker can now configure saved searches to filter by asset type/object type, manufacturer/product, and model.

The worker can now specify the saved search to only show requests where no work order has been created.

The worker can now configure saved searches to filter by responsible worker and responsible worker group.

If a responsible worker has been assigned to a work order, this information is now readily available on the detail pages for both the work order and the detail pages for any lines/jobs on that work order.

It is now possible for the worker to specify saved searches to filter on entities where specific fields have not been filled in, e.g. no serial ID on objects /assets or no responsible worker group on work orders.

- **Mobile - Forecast lines can be used to help the planning effort on the Planning Board**

If a work order line/job has multiple hour forecasts, these are now visible on the planning board.

They can also be used to split the work into multiple schedules based on the forecasted hours, e.g. a work order job with one line and three hour forecasts for 1h, 2h, and 3h respectively can now be easily split into three schedules of 1h, 2h, and 3h durations. When planning the specific line, the planner is immediately informed that there are multiple hour forecasts and can split according to these with one click. It is also possible to later open the schedule detail popup and ***forecast split* to get the list of schedules, which can then be rescheduled to other workers or times.

- **Mobile - Improve readability of worker capacity on Planning Board**

The readability of available and remaining capacities for workers has been improved by keeping the hour totals closer to the employee information and

highlighting the capacity bars on the planning board calendar grid.

- **Mobile - Improved visibility of notes and attachments on checklist line headers**

If there are notes and/or attachments on checklist line headers, this is now visible immediately in the UI so that the worker does not have to use multiple

clicks to get this information.

- **Mobile - Item registration and item forecast settings now work independently**

It is now possible to setup item registration and item forecast settings so that any combination of these are a valid combination:

- Item registration + item forecast modification: The worker can view, create and edit item registrations and item forecasts
 - Item registration: The worker can view, create and edit item registrations
 - Item forecast modification: The worker can view, create and edit item forecasts
 - None: The worker can do nothing with regards to item registrations or item forecasts
- **Mobile - Request stage/lifecycle state visible on request detail page**
The request detail page now shows the current stage/lifecycle state of the request.
 - **Mobile - Primary functional location for worker now applies to the mobile app**
If a worker has a primary functional location, that location now applies to all saved searches and the offline object/asset setup.
 - **Mobile - Set active=true for all saved search queries**
All existing and new saved searches will search only for active entities unless otherwise stated in the saved search configuration. This means that if the worker wants to see inactive assets, it must be actively chosen by the worker when creating or editing a saved search.
 - **Mobile - Support for QR code scanning**
The worker can now use their device to scan QR codes instead of writing in search terms themselves. This has been enabled for searching for: Requests, assets, work, and items.
 - **Mobile - Warning issued if team name is not unique on Planning Board**
If the planner creates a team with a name already used for another team, a warning is issued. The team can still be created, but it is recommended to use a unique name for it.
 - **Mobile - Warning shown if language is changed from default language**
If the worker changes the language on the mobile app, a warning is shown specifying that the language will be reset upon logging in again.

2.2.8 New for release Advanced Maintenance and Service 10.0.12.14 for Dynamics 365 Operations 10.0

- New certificate added that replaces the certificate expiring on October 21,2020.
- Changed lookup of resource on work order journal. The lookup allows filtering on employee status

2.2.9 New for release Advanced Maintenance and Service 10.0.10.13 for Dynamics 365 Operations 10.0

- No new features

2.2.10 New for release Advanced Maintenance and Service 10.0.8.12 for Dynamics 365 Operations 10.0

1904.0.8.0

- New maintenance sequences added to functional location are now active by default
- Added line number for rounds on object form and round entity

- Added Work order stage to EAM BI Work orders entity
- Added entity for Production stop

2.2.11 New for release Advanced Maintenance and Service 10.0.6.11 for Dynamics 365 Operations 10.0

1904.0.7.0

- Added Data Management support for existing BI entities

2.2.12 New for release Advanced Maintenance and Service 10.0.6.10 for Dynamics 365 Operations 10.0

1904.0.6.0

- Added work order pool entity support
- Added fields (Object Type, Model, Product) to EAM Functional location maintenance sequences entity

2.2.13 New for release Advanced Maintenance and Service 10.0.6.9 for Dynamics 365 Operations 10.0

1904.0.5.0

- Added extension point when generating work order project IDs
- Mobile: Added support for searching of items by product name

2.2.14 New for release Advanced Maintenance and Service 10.0.4.7 for Dynamics 365 Operations 10.0

1904.0.4.1

- Checklists headers associated with a work order will now be included in the Work order report
- Entity support for Worker group relation
- Entity support for Preferred workers

1904.0.3.1

- No new features

2.2.15 New for release Advanced Maintenance and Service 10.0.4.7 for Dynamics 365 Operations 10.0

1904.0.3.0

- Added production stop to object timeline

2.2.16 New for release Advanced Maintenance and Service 10.0.4.6 for Dynamics 365 Operations 10.0

1904.0.2.1

- No new features

2.2.17 New for release Advanced Maintenance and Service 10.0.3.5 for Dynamics 365 Operations 10.0

1904.0.2.0

- Mobile: Added "Temporarily reserved"-field on item journals
- Mobile: Added partition field to 'synchronization' queries

2.2.18 New for release Advanced Maintenance and Service 10.0.2.3 for Dynamics 365 Operations 10.0

1904.0.1.0

- No New features

2.2.19 New for release Advanced Maintenance and Service 10.0.0.2 for Dynamics 365 Operations 10.0

1904.0.0.0

- Added functionality to customer lookups to only customers with active objects.
- Added Customer field to object entity.
- Added Tolerance fields to MROParamPlanSeqEntity.
- Added filter to Object view to only show customers with objects associated.
- Added Functional location as an option for the Project group setup.
- Improvements to Work order report; Better readability, bigger descriptions, Object names, stages
- Improvements to Checklist lookup performance

Mobile 1904.0

- Start mobile data Initialization in multiple companies in one operation and with possibility for parallel execution if running in batch
- Added missing handler on expense journal header (expense lines did not get marked as posted)
- Removed "Temporarily reserved" feature on item journals
- Avoid potential huge transaction scope during initialization of entities with many records
- Kanban – Fix WO Actual End being set when stage change fails
- Summary of totals on journal headers (hour, item, expense) was not performed when registering from mobile
- Planning board New WO count and sum of forecast hours handler. Better validation of schedules (now possible to see which has failed)
- Handle backend DB restore situation
- Set Scheduled start to Expected start when creating and scheduling work order from mobile (it was previously set to the point in time when the entity is processed by D365)
- Hour category defaulting sequence is now Worker > MROParameters > ProjParameters

2.2.20 New for release Advanced Maintenance and Service 10.0.0.1 for Dynamics 365 Operations 10.0

1810.1.0.4

No new features in this release

2.2.21 New for release Advanced Maintenance and Service 81.3.4.1 for Dynamics 365 Operations 8.1

1810.1.0.3

No new features in this release

2.2.22 New for release Advanced Maintenance and Service 81.2.1.3 for Dynamics 365 Operations 8.1

1810.1.0.2

No new features in this release

2.2.23 New for release Advanced Maintenance and Service 81.1.1.11 for Dynamics 365 Operations 8.1

1810.1.0.0

- Date interval for a maintenance sequence line

It is possible to specify a date range for maintenance. A particular job is planned on a monthly basis but is only required in winter times and therefore the system will only create work orders between November and March.

- Tolerance for overlap

In case we do monthly maintenance and yearly maintenance, most companies will skip the monthly at the moment the yearly is due. The user can set the overlap in days to determine if both work orders should be executed or that one can be skipped depending on the number of days between the two planned orders.

- Coverage for contracts or warranty editable

In the work order journal, the system will calculate the coverage percentage for hours, items and expenses based on the setup for a contract or warranty. The user has the ability to change the percentage which will influence the total amount due on the work order invoice, both in D365 FO as well as in the Mobile client.

- Offline item consumption on Mobile

The user can download the available inventory for a particular warehouse from AX on mobile. While offline, the user can consume items on the workorder from this warehouse and synchronize the consumption once back online.

Other improvements:

- Removed the use of 'UTC Now', replaced by 'System date time'
- Added metadata for document attachments for mobile
- Added specifications to functional location
- Added 'Split hours' on hour journal
- Added 'Change company' for mobile
- Added categories for planning board notes (with color coding)
- Added Customer, Customer group, and Sales price to cost control
- Added contract revenue to object cost control
- Added contract report

- Item registration on mobile now works in offline-mode like expense and hour registration
- Edit object specifications on mobile
- Edit functional location specifications on mobile
- Work order projects initialized from parent project (Project contract and validation of activity)

New data entities:

- Rounds (MROFunctionalLocationRoundRelation, MRORoundObject, MRORoundTable),
- Functional location specifications (MROFunctionalLocationSpecification)
- Work orders (create only) (MROWorkOrderLineAdvChecklist, MROWorkOrderLineAdvChecklistHeader, MROWorkOrderLine, MROWorkOrderLineForecastItems, MROWorkOrderLineNote, MROWorkOrderTable)
- Object items (MROParmInventTable)
- Maintenance stops (MROMaintenanceStop, MROMaintenanceStopObject)
- Item forecasts to Job type setup (MROParmJobTypeSetupForecastItems)
- Document attachments to Job type setup and Object Documents (MROObjectDocumentAttachments, MROObjectDocument, MROParmJobTypeSetupAttachments)
- Object criticalities (MROObjectCriticality)
- Workers (MROFunctionalLocationWorker, MROParmHcmWorker)

80.15.2.7

- Added option to report Object profitability by year.

2.2.24 New for release Advanced Maintenance and Service 81.20.1.5 for Dynamics 365 Operations 8.1

81.20.1.5

No new features in this release

2.2.25 New for release Advanced Maintenance and Service 80.15.3.4 for Dynamics 365 Operations 8.0

80.15.3.4

No new features are added in this release

2.2.26 New for release Advanced Maintenance and Service 80.15.2.7 for D365 Operations 8.0 Update 15 – August 2018

80.15.2.7

- Added option to automatically create objects when the sales order is delivered. In the company wide parameters it can be set up if Pending Objects are to be automatically turned into Objects, thus automating the step that was per definition manually up till now.
- The Object ID can be made equal to the serial number of the product during automatic creation from the sales order. Per Object item you can define if the Object ID is based upon the serial number, or on the number sequence for Objects.

- Create the object structure including serial numbers from specific items of the Production order consumption. Per Object item you can define if the Object structure is to be created. If yes, the Object structure will be created based on the items – for which Object Item setup is present - in the Production order that is linked to the sales order.
- Create the multi-level Object structure for intercompany deliveries. The scenario is supported where the sales order for the finished good is supplied via an intercompany purchase – sales relationship. In this scenario the child objects are created from the Production order in the supplying company.
- The ability to update the functional location for the automatic creation of the object from the sales order. This is done in the form Pending Objects.
- Automatically create work orders for that object or multiple objects on the automatic creation from the sales order. In the Pending Objects, it is possible to enter a maintenance sequence for the Object, this is also defaulted based upon Object type setup. At the moment of posting the packing slip a Schedule Maintenance Sequence is performed for this Object and Maintenance Sequence combination for 1 month.
- SLA is part of the service contract. Metrics can be defined per SLA to set targets in relation to the response times for the work order. The SLA is linked at the level of the contract type. The associated contracts are automatically associated with the applicable SLA metrics.
- Upon work order creation the applicable SLA is associated via the contract link. It is possible to link the work order to another SLA if that is applicable. When the work order is taken through the stages of its lifecycle the SLA metrics are determined and stored.
- The setup for maintenance sequence has been extended with an option to connect a maintenance sequence with a contract. At the moment a contract is activated or terminated, objects will be added to or removed from a contract. The update can be run in batch.
- Object profitability report showing the profitability of the object, based on contract value, maintenance cost (including warranty) and actuals.

2.2.27 New for release Advanced Maintenance and Service 1804.0.1.0 for D365 Operations 8.0 Update 15 – June 2018

1804.0.1.0

- Improved installment calculations for contracts. Objects are now used on one of each linetype.

1804.0.0.0

- Updated to 8.0, spring release 2018
- Added entity support for object criticality

Requires mobile client version: 93.2

2.2.28 New for release Advanced Maintenance and Service 1712.12.2.67 for Dynamics 365 Finance and Operations 7.3

1712.1.0.0

- Added advanced checklist
- Added planning notes for planning board
- Added customer requisition ID on work orders
- Added object specifications for work order report
- Added embedded power BI to work space

- Added configuration key to conditional assessment. Functionality to be replaced by checklists on work orders
- Added warranty information to work order and work order report
- Added object to contract payment lines
- Added parameter for real time update of job type references
- Configuration keys for fault hierarchy and inbound/outbound are now disabled by default

This version requires data upgrade. Please refer to document on which jobs to run.

- Requires mobile client version: 93.2

2.2.29 New for release Advanced Maintenance and Service 1712.12.2.66 for Dynamics 365 Finance and Operations 7.3

No new features are added in this release

2.2.30 New for release Advanced Maintenance and Service 1712.12.1.65 for Dynamics 365 Finance and Operations 7.3

The following features are added in this release:

1712.0.0.0

- Updated to 7.3, fall release 2017

Requires mobile client version: 92.10.5

1707.1.0.2

Requires mobile client version: 92.10.4

1707.1.0.1

- Document information added to request for use with service portal
- Added AX2012 data upgrade job
- Improved object timeline
- Criticality added to object overview
- Added show sign off report to work order stage entity
- Added object image entity
- Improved create object performance
- Copy project validation setup to sub-projects
- Create object, parent object validation

1707.0.3.0 &

- Added object counters to Work order report
- Added entity support for the table Job type setup description ("EAM Job type setup description")
- Added entity support for importing descriptions for job type setup lines through the existing EAM Job type setup entity

Note, there is no change to the Common model.

2.2.31 New for release Advanced Maintenance and Service 1707.8.1.8 for Dynamics 365 Finance and Operations July 2017

1712.0.0.0

- Updated to 7.3, fall release 2017

1707.1.0.2

Requires mobile client version: 92.10.4

1707.1.0.1

- Document information added to request for use with service portal
- Added AX2012 data upgrade job
- Improved object timeline
- Criticality added to object overview
- Added show sign off report to work order stage entity
- Added object image entity
- Improved create object performance
- Copy project validation setup to sub-projects
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Note, there is no change to the Common model.

2.2.32 New for release Advanced Maintenance and Service 7.3.1611.101 for Dynamics 365 Operations 1611

The following features are added in this release:

- Added workspaces:
 - Maintenance status
 - Work order management
- Added data entities:
 - Objects
 - Functional locations
 - Functional locations and object
 - Mobility setup
 - Requests (only active requests can be imported, not for historic transaction data)
 - Object specification
- Added new parameters to Schedule exclusively:
 - Scheduled hours
 - Scheduled start
 - Ignore calendar

- Added 'IsObsolete' on depreciated stage types, fields and tables

2.2.33 New for release EAM 102.0.1.0 for Dynamics 365 Operations Update2

No new features are added in this release.

2.2.34 New for release EAM 101.0.0.31 for AX 7 Update1

This release is the first release of EAM and ASM for AX 7. It focuses on an as-is uptake of the functionality of EAM and ASM for AX 2012 R3 CU9. The functions and features of this can be summarized as follows.

For the module Enterprise Asset Management:

Asset Management

- Functional Locations
- Multi-level Equipment Structure
- Fixed Asset Integration
- Equipment Specification
- Condition Assessment
- Spare Parts
- Equipment Register (Timeline)
- Equipment KPI
- Equipment Cost Control
- Functional Location Cost Control

Maintenance

- Preventive Maintenance
- Time / Usage based
- Ad hoc
- Maintenance Requests
- Estimates, Checklists, Tooling
- Fault Symptom, Cause & Remedy
- Fault Cost Control

Workorder Management

- Multi Equipment
- Estimating, Scheduling, Consuming, Closing
- Checklists & Measure Points
- Integration to Project Module
- Work Order Cost Control
- Work Order Date Control
- Mobility

For the module Asset Service Management:

Asset Management

- Work with all the features listed for Enterprise Asset Management listed above
- Contract Management
- Contract instalments

Maintenance

- Work with all the features listed for Enterprise Asset Management listed above

Work order Management

- Work with all the features listed for Enterprise Asset Management listed above
- Work order quotation
- Work order Invoicing

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

2.4.1 New for release Enterprise Asset Management 7.2.27075.90 for Dynamics 365 Operations Update 2

The option to include Power BI reports is used to create a EAM specific Power BI report.

2.5 Discontinued features as per current release

None.

2.6 Discontinued features as per previous releases

- The use of Time and attendance in combination with the mobile client is no longer supported.
- Removed setup for customers, not needed anymore
As part future replacement of conditional assessment by checklists on work orders a configuration key for condition assessment is added. See also 2.1.
- Removed page change for two side printing of work order report
- The option to create a work order directly from a case is not supported in Dynamics 365 for Operations.
- Work order times report has been removed

3. Fixes summary

3.1 Fixes for this release

DMO-4561 Authentication - Fix issue with reauthentication requiring MFA

Fixed an issue where reauthentication requires MFA where the dialog did not show and in some cases the user had to clear cache.

DMO-4533 Saved searches - Fixed an issue using the keyword searches while having a primary functional location

Fixed an issue where a user with a primary functional location would not get the expected results when searching with keywords on saved searches. This also applied to searching in saved searches filtered by functional locations.

DMO-4552 Work orders - Fixed an issue with printing work order reports

Fixed an issue where printing a work order report from the mobile client would print an empty report

DMO-4547 Work orders - Show overlay on completed and cancelled schedules of a work order

Fixed an issue where the overlay on completed and cancelled schedules on the work order details page was missing

DMO-4562 Authentication - Fix issue with reauthentication requiring MFA

Fixed an issue where reauthentication requires MFA where the dialog did not show and in some cases the user had to clear cache.

DMO-4560 Saved searches - Fixed an issue using the keyword searches while having a primary functional location

Fixed an issue where a user with a primary functional location would not get the expected results when searching with keywords on saved searches. This also applied to searching in saved searches filtered by functional locations.

DMO-3222 Attachments - Images with large dimensions are resized to fit the window

If the dimensions of an image attachment are large than the screen size, it is resized to fit the screen to make it easier to see and navigate away again.

Clicking the image will zoom it to full size, and clicking again will resize it to fit the screen once more.

DMO-3355 General - Planning board split from the rest of the application

The planning board has been split from the rest of the original application to its own separate application. It is very important to notice that the planning board application needs its own website (can be same domain as the rest).

DMO-4135 Objects - Only active entries shown on the BOM list

Only entries which are currently active are now shown on the BOM list.

DMO- 4134 Objects - Show functional location hierarchy on the details page

Clicking the expand information button on the functional location block of the details page will show the hierarchy of functional locations for the current object.

DMO- 4136 Objects - Timeline entries updated to show ID, description and stage where applicable in non-expanded mode

Timeline entries for work orders and requests now show the description as well as work order stage while the entries are in a collapsed state in order to make it easier to get an overview.

DMO-4133 Objects and work orders - Object tree can be hidden if not needed

The object tree tab can be hidden using the module configuration *Object tree* under *Objects*.

DMO-3557 Planning board - Added action to go to work order details page if available

It is not possible to navigate to the details page of a work order or schedule if the module configuration for *Work execution mobile application* under *Planning board* has been filled in. It requires that the planner has access to this application as well.

DMO-909 Planning board - Auto split can be cancelled if not enough capacity

When using the auto split functionality, the planner is now warned if there is not enough capacity for the worker to split the work. The planner can then cancel the action or continue anyway.

DMO-3980 Planning board - Fixed issue where read-only mode could be undone

Fixed an issue where the read-only mode of the planning board could be undone by deleting a planning note, which should not have been possible in this mode.

DMO-4148 Planning board - Fixed issue with not showing full tooltips for schedules in top row

Fixed an issue where the tooltips for schedules in the top row would be outside the planning grid so the information was hidden from the user.

DMO- 4129 Planning board - Object name and functional location name displayed on unscheduled work

The unscheduled work cards now show the object name and functional location name to make it easier to determine these properties.

DMO-1384 Planning board - Project category shown on schedule split based on forecasts until draft is saved

When splitting a schedule based on the hour forecasts, the project category can be seen on the schedules if it is focused (highlighted on the right side) and on the details dialog until the draft has been saved.

DMO-1581 Planning board - Searching for work also searches on the functional location

When searching for work with keywords on a saved search, the functional location is also queried, meaning the list of properties queried are: work order ID, work order description, job type ID, lifecycle state ID, asset ID, functional location ID.

DMO- 4128 Planning board - Split schedule based on hour forecasts only possible for unscheduled work order lines

The option to split a work order line based on hour forecasts is now only possible when dragging a line from the unscheduled list to the grid.

DMO- 111 Planning board - Split schedule over a set number of days

When using the *Split* action on a schedule, the planner can now enter a number of days to split the schedule on. Non-working days are skipped. Leaving the number of days to 1 the action will work as today meaning the schedule will be split into two schedules on the same day. If the number of days is greater than 1 the new schedules will all have the duration of *Second* on the split dialog.

DMO-3126 Planning board - The list of unscheduled entries can be hidden in standard mode

The list of unscheduled entries can be hidden and brought back using a new view switch on the planning board. This is not possible in read-only mode where it is always hidden.

DMO-3646 Planning board - The navigation is repositioned from the left side to the top

The navigation of the planning board is moved to the top of the page and consists of navigation to: Settings and sign out.

DMO-659 Planning board - Week numbers can be enabled on the calendar grid

Using the new module configuration *Week numbers* under *Planning board* the planner can enable week numbers on the calendar grid and date picker.

DMO-882 **Settings - Minimize the amount of screen space taken up by used legal entities**

If the user has been logged in to multiple legal entities, the information for the current is expanded while the others is minimized to just show the name and if there is uncommitted data. Each entry can be expanded to show all information.

DMO-3796 **Synchronization - Synchronization frequency controlled by module configuration**

It is now possible to change the synchronization frequency of the mobile clients by updating the associated module configuration in D365. The default value is 30 seconds, and any value lower than 10 seconds are ignored.

DMO- 3732 **Work orders - Computed end date available for sorting and display**

The customizable cards for saved searches allows the computed end date to be shown on the cards, and the saved search can filter and sort on 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-4132 **Work orders - Customize cards from saved searches and on work order details page**

Added the option to customize which properties are shown on cards of work orders and work order lines on the saved searches for work as well as work order lines shown on the work order details page.

DMO-4149 **Work orders - Fix erroneous access to the *Schedule to me* action on a work order line**

Fixed an issue where the worker was able to schedule an existing work order line to themselves even if the associated module configuration *Work order schedule modifications* was set to *false*

DMO-4175 **Work orders - Fix issue where start time of hour registration could be negative**

Fixed an issue where the start time of an hour registration could be a negative number even when hour registrations were not created with from and to time.

DMO-3196 **Work orders - Hide hour forecasts and scheduled durations**

Using the module configuration *Forecasted and scheduled hours* under *Work orders* the forecasted hours and schedule durations can be hidden on the saved search result list, the details pages, and hour registration page.

DMO-2213 **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-3049 **Work orders - Responsible worker can be shown on saved search result cards**

The saved search cards can now show the responsible worker on the saved search cards for work. This is done using the *Card design* module configurations.

DMO-4130 **Work orders - The list of tabs on the work order line details page reordered**

The list of tabs on the work order line details page have been reordered to have purchase orders and purchase requisitions together at the bottom in an effort to keep related information close together.

DMO-3972 Work orders - The purchase orders tab shows the number of purchase orders

The purchase orders tab now shows a number badge with the number of available purchase orders. This feature is only available while the application has network connection.

DMO-2168 Work orders - The saved search for "Work scheduled to me" can be hidden

Using the module configuration *Scheduled to me* under *Work orders* the saved search for "Work scheduled to me" can be hidden.

3.2 Cumulative fixes from previous releases.

Note that this list contains the list of individual fixes. The fixes are not necessarily linked 1 to 1 to bugs as registered in the support system and only previous communicated bugs are numbered.

Advanced Maintenance and Service 10.0.24.21 for D365 Operations 10.0 Update 45

	Title
DFO-3250	Functional Location & Object - Unify Behaviour of 'Value' Lookup Form Depending on the chosen 'Data type' value, the behaviour of 'Value' lookup form was unified when setting up specification lines related to functional locations and objects. That is, the lookup form will be shown for boolean and string types only.
DFO-1499	Install Object - Object Lookup Error Fixed object lookup in "Install object" dialog, which now displays correctly both objects in the left and related object specifications in the right.
DFO-3227	Linked Job Types - Content of 'Variant' Lookup Is Based On 'Job type' Value The content of 'Variant' lookup form is now based on the value set in 'Job type' when setting up linked job types.
DFO-2317	Maintenance Sequence - Only One Active Work Order There is possibility to avoid creating of redundant work orders from maintenance sequences. To active this functionality check 'Only one' checkbox on maintenance sequence.
DMO-1164	General - Barcode and QR code scanning In all saved searches and when searching for items when registering item consumption, it is now possible to use both QR code and barcode scanning. All major barcode types are supported, such as Type 128 and Type 39
DMO-3188	Item registration - Allow changing dimension values if not locked by functional location Updated the item registration page to allow the worker to change dimension values while creating or editing item registrations. Only if the site and warehouse on the functional location are set to be used, will these two dimensions be locked.
DMO-3737	Planning board - Keyword searches now also search in object ID of work order lines Using the keyword search on a saved search on the planning board now also searches in object IDs of related work order lines.

DMO-3739	<p>Work orders - The line details page now shows job type, variant and trade if available</p> <p>The work order line details page now displays the job type, job variant, and job trade if they have been specified for the line.</p> <p>The job variant has also been added to the possible filters for saved searches where applicable.</p>
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Advanced Maintenance and Service 10.0.21.20 for D365 Operations 10.0 Update 45

	Title
DMO-3234	<p>Assets - Creating work order from object under warranty gives warning</p> <p>When creating a work order from an object under warranty, the user is now presented a warning to inform them that the object is under warranty.</p> <p>The warning is presented when creating a work order directly from an object under warranty or from a request on an object under warranty.</p>
DMO-3250	<p>Objects - Show object tree for current object</p> <p>A new tab page has been added to the object details page, where the worker can see and navigate the object tree for the current object.</p>
DMO-3166	<p>Planning board - Added option to delete work order lines from unscheduled work</p> <p>It is now possible to delete an unscheduled line from the planning board. The current work order stage must still allow the operation, and no transactions may be associated with the work order line.</p>
DMO-892	<p>Work orders - Correct PASS/FAIL for checklist measures with the same min and max</p> <p>Fixed an issue where a checklist measurement with the same value for min and max would approve all entered values. The min/max are now correctly followed to give a PASS or FAIL value to the checklist.</p>
DMO-3161	<p>Work orders - Fixed an issue with getting next results when viewing saved search as work orders</p> <p>Fixed an issue where a saved search shown as work orders would only fetch the first 50 work order lines if the resulting work orders would fit on a single screen</p>
DMO-1903	<p>Work orders - Fixed issue with possible incorrect project category on editing hour registrations</p> <p>Fixed an issue where the project category of an hour registration would be shown as the default project category for the current employee, when editing an hour registration, even if the actual project category was different</p>
DMO-3089	<p>Work orders - Fixed issue with starting with 0 in month input field</p> <p>Fixed an issue where starting to type in the day or month for a date input field with a 0 would reset the input. Now typing in either of 2 or 02 will result in February.</p>
DMO-1431	<p>Work orders - Project category displayed for hour forecasts and registrations</p> <p>The project category is now shown on the overview page for all hour forecasts and registrations.</p>
DMO-3159	<p>Work orders - The number for checklist lines on the work order line details page shows completed / total</p>

	Updated the number badge for the checklist tab on the work order line details page from only showing (total number of checklist lines) to now showing (number of completed checklist lines / total number of checklist lines) .
DFO-2164	Functional Location Types - Functional Location Types Number Previously, object specifications requirements added to functional location types were updating the number in "Functional location types" column. With this fix, specifications added to functional location types update the number now.
DFO-2519	Object Calendar Line – Disappears Fixed object calendar lines disappearing after maintenance sequence scheduling. Error was caused by active work orders not being taken into account during calculation.
DFO-2293	Work Order Line Forecast - Sales Tax Group Fixed initial forecasts for a newly created work order. Sales tax group is now correctly initialized.

Advanced Maintenance and Service 10.0.20.19 for D365 Operations 10.0 Update 41

	Title
DMO-2145	Faults - Added filtering option to fault symptoms Added the option to filter fault symptoms by typing in part of the symptom.
DMO-2515	Objects - Counter replacements are easier to distinguish from regular readings Updated the entries in the asset counter readings tables to have a more distinct look when they refer to a counter replacement.
DMO-1203	Planning Board - Better readability on cards in detailed view Updated the cards on detailed view to show more of the descriptions and allowing the text to wrap, in order to not cut off important information..
DMO-2569	Planning Board - Fix delete button on team members Fixed an issue where the team members could not be deleted from the list of workers if the planner had to scroll down the list to find them.
DMO-2022	Planning Board - Show work order information when not in detailed view When the planning board is not in detailed view, clicking a schedule or set of schedules now shows the work order information in the panel on the right-hand side.
DMO-2013	Planning Board - The scheduled day and time visible on each split when viewing a work order It is now possible to see the scheduled day and time in addition to the scheduled worker for all schedules on a work order in focus, i.e. displayed in the right-hand panel.
DMO-1863	Planning Board - Worker group and trade lists show both ID and description The lists showing worker groups and trades when working with teams now show both ID and description, to make it easier to distinguish between entries.
DMO-2337	Purchase requisitions - Fix missing item name on search Fixed an issue where the item name of search results was not shown for purchase requisitions
DMO-1984	Work Orders - Fix search for responsible worker Fixed an issue where searching for responsible workers did not work when using capital letters.

	Title
DMO-2006	Planning board - Fix issue with resetting estimated hours Fixed an issue where the actual estimated hours were not used when unscheduling a schedule.
DMO-2134	Requests - Fixed an issue where a work order could be created when not allowed Fixed an issue where a worker could create a work order from a request even though this was not allowed given the current stage.
DMO-2131	Work orders - Create purchase requisitions on a work order line If enabled for the worker in module configuration, the worker can add purchase requisitions based on an item or a category as setup in D365F&O.
DMO-2012	Work orders - Default work order descriptions from D365F&O can now be used when creating a work order on the mobile client If there are default work order descriptions for the selected work order type, or any not related to a work order type, these will be available to select from a dropdown on the mobile client when creating a work order.
DMO-1868	Work orders - Fixed an issue with number of items shown when searching for items Fixed an issue where only the first 50 items of an item search were shown. Now the next search results are correctly fetched when scrolling down the list.
DMO-2040	Work orders - If working to midnight to Time can now be set to 00:00 or 12:00AM If the to Time of a time registration is set to 00:00 (or 12:00 AM) it is now interpreted as midnight between the registration date and the next day, so the worker will not register negative hours.
DMO-2135	Work orders - Show requester name on work order line details If a work order is created from a request, that information is now shown on the work order line details page as a link to the request as well as the name of the requester.
DFO-1305	EAM - Customer from Work Order Header Displayed in Work Order Line Details Data regarding customer from work order header is displayed now in work order line details instead of data regarding customer from object on the work order line.
DFO-1444	EAM - Fixed Functional Location Specifications Functional location type specifications are now correctly used when creating a functional location.
DFO-1543	EAM - Fixed Item Actual Costs in Cost Control Workspace Fix regards getting data related to item actual costs. Item actual costs are now correctly aggregated and included in total actual costs in cost control workspace.
DFO-1262	EAM - Fixed Omit Overlap Option With Tolerance While scheduling object calendar lines "Omit overlap", "Tolerance before" and "Tolerance after" options are now taken correctly into account for all

	repeated from interval types on maintenance sequence: "Repeated from last work order", "Repeated from plan date" and "Repeated from start date". Fix causes that overlapping object calendar lines within tolerance dates are not created anymore.
DFO-1557	EAM - Fixed Stage Lookup in Update Work Order Stage Service Columns ordering in stage lookup in update work order stage service has been fixed. Now stage ID is the first column and stage name is the second column which provides better user experience.
DFO-1576	EAM - Fixed Work order Line Field Being Mandatory in Work Order Journals Work order line field has been made mandatory for item, expenses and fee work order journals so that user can see more informative message when trying to save work order journal line with blank work order line field.

Advanced Maintenance and Service 10.0.16.17 for D365 Operations 10.0 Update 37

	Title
DFO-891	Checklist Measurement Values Fixed a bug which allowed for the minimum measurement value to be greater than maximal measurement value.
DFO-1097	Data Entity - Added missing fields to "EAM Work order schedule parameters" Three missing fields: "Limit to responsible", "Limit to preferred" and "Limit to location" have been added to "EAM Work order schedule parameters" data entity.
DFO-1095	Data Entity - Added missing and removed unnecessary fields from "EAM Work order stages" Missing fields: "Process checklist" and "Sign-off report terms and conditions" have been added and unnecessary fields: "Factor" and "Kanban stage" have been removed from "EAM Work order stages" data entity.
DFO-1096	Data Entity - Added missing field to "EAM Parameters" Missing "Real time update" field has been added to "EAM Parameters" data entity.
DFO-911	Data entities made cross-company compliant All EAM data entities which use unmapped fields with edit and display methods in order to calculate some data have been made cross-company compliant when expose data by OData URL with 'cross-company=true' parameter. In that case all calculated data are exposed correctly by data entities in all companies which records belong to.
DFO-1048	Forecast Financial Dimensions Financial dimensions on work order forecasts are now correctly copied to work order journals.
DFO-1168	Functional Location - Stage Update Fixed when updating the stage of a functional location, the objects installed are also updated if set up on the functional location stage.
DFO-906	Mobile - Removed unused configuration The mobile configuration 'Spare parts' is unused and is therefore removed.
DFO-1008	Object Specification Overview If using the feature new grid, a error was thrown when opening the form. This has been fixed.

DFO-1200	Mobile - Improved performance of view used by the mobile client
DMO-1913	Mobile - Labels have been updated for: (EAM) fr-FR and pt-BR; (AM) es-ES, nb-NO, and pt-BR.
DFO-1240	Labels - Updated labels for da-DK
DFO-1241	Labels - Updated labels for es-ES
DFO-1242	Labels - Updated labels for fr-FR
DFO-1244	Labels - Updated labels for pt-BR
DMO-1689	Attachments - An issue where not all actions for attachments were visible in some situations has been fixed.
DMO-1462	Requests - After creating a new request, the application navigates to the new request
DMO-1611	Work order lines/jobs - Fixed checklist page with 0 or 1 header not loaded correctly.
DMO-1758	Work orders -Fixed registration date switching one day back when time registrations was edited.

Advanced Maintenance and Service 10.0.14.16 for D365 Operations 10.0 update 33

ID	Title
DFO-985	Maintenance Sequences - Error When Based on Counter Values When object counter values were not entered in a chronological sequence calculation of slope/rate of change value, used by the schedule maintenance sequence, would be wrong/fail resulting in no object calendar lines being generated.
DFO-857	Requests - Stage change on requests from mobile app not working Stage changes on requests performed on the mobile app was not reflected in data in D365.
DMO-1456	Employee IDs with capital letters cannot load saved searches Fixed an issue where employee IDs with capital letters was not used correctly when getting the list of saved searches, so none would be shown.
DMO-1420	Only first schedule is updated when changing work status Fixed an issue where only the first schedule of a work order line/job would be updated when changing work status on any schedule. So now the schedule, for which the work status is updated, will be updated.
DMO-1465	Work order lines/jobs - Fix to show each hour forecast only once Fixed an issue where hour forecasts were shown once per schedule on a line/job instead of just once per line/job.
DMO-1426	Saved search - Quick filtering is no longer case sensitive and bulk actions works only on visible entries Fixed an issue when quick filtering of entries was case sensitive and the bulk operations of <i>select all</i> or <i>clear selection</i> would apply to both visible an invisible entries.
DMO-1223	Requests - Now referencing yourself in the <i>Responsible worker</i> filter no longer shows all requests Fixed an issue where referencing yourself in the <i>Responsible worker</i> filter would not be correctly resolved and resulted in showing all requests.
DMO-1461	Requests - Navigate to work order after creating from request Fixed an issue where the application did not navigate to the newly created work order after converting a request to a work order.

	If the newly created work order is not scheduled to the worker, the application navigates back to the request as, in that scenario, the work order would not automatically be synchronized.
DMO-1459	Planning Board - First time use of planning board opens without default selections Updated the planning board to start up without any default selections if no teams or saved searches have been created so that it does not start up with all workers and all work orders shown.
DMO-1383	Navigation - Navigating back to the index page using the back button no longer breaks the page Fixed an issue where navigating from the index page to somewhere else in the application and back again using the <i>back</i> button could cause the index page to break and no longer work.
DMO-1589	Login - Fix login problem with On-Premise install Fixed an issue with login on On-Premise installations of D365F&O so that the application still uses implicit flow since authorization flow with PKCE is not yet supported for AD FS.
DMO-1464	Labels - Updated labels for da-DK, fr-FR, nb-NO, nl-NL, pt-BR Labels fixed and/or updated for a handful of languages

Advanced Maintenance and Service 10.0.14.15 for D365 Operations 10.0 update 33

ID	Title
2010.0.0.0-1	Fixed copying attachments from job type setup checklist lines to the work order checklist lines to have all additional materials (documents, images etc.) in work order checklist when working on it.
2010.0.0.0-2	Fixed filling project ID during creating production order from work order to improve user experience and avoid selecting incorrect project for new production order.
2010.0.0.0-3	Fixed filling project ID during creating production order from work order to improve user experience and avoid selecting incorrect project for new production order.
2010.0.0.0-4	Fixed possibility to enter min and max values for manual checklist lines on work order so that checklist lines do not fail when they should not.
2010.0.0.0-5	Fixed "Copy setup" functionality on "Job type setup" to add possibility to copy description of job type setup and documents attached to it.
2010.0.0.0-6	Fixed replacement object functionality on work order which does not work when work order is being ended in order to end successfully work order and put object from work order line and replacement object into correct places in object structure and install both objects in correct functional locations.
2010.0.0.0-7	The mobile solution now supports document attachments stored on a Sharepoint site.
2010.0.0.0-8	Fixed an issue where the client could incorrectly detect multiple running instances when the application page was refreshed.
2010.0.0.0-9	Fix issue with login from iPhone/iPad. The mobile app now supports Authorization Code Flow with Proof Key for Code Exchange (PKCE) - updated from Implicit Code Flow. The changes required are described in the installation guide for the mobile app.
2010.0.0.0-10	Fix issue with missing checklist line status and fixed an issue where checklist lines with status set to FAIL would not send that data in.

2010.0.0.0-11	Fix issue with missing last entry on long list of checklist lines. An issue where the mobile app could hide the last entry of a long list of checklist lines behind the save button has been fixed.
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Advanced Maintenance and Service 10.0.12.14 for D365 Operations 10.0 update 33

ID	Title
1904.0.11.0 -1	Fixed category is changed/removed on work order journals when selecting a resource.
1904.0.9.0 -1	Fixed issue where a previous object calendar entry for a request would prevent the creation of a work order from that request.
1904.0.9.0 -2	Fixed obsolete method calls in workspaces causing best practice warnings.

Advanced Maintenance and Service 10.0.10.13 for D365 Operations 10.0 update 24

ID	Title
VSO#98615	In PU version 10.0.11 the MS has converted "field groups containing invalid field references" compile warnings into compile errors. Please refer MS link for more details. AMS 10.0.10.13 is pre-requisite to uptake MS 10.0.11 or higher.

Advanced Maintenance and Service 10.0.8.12 for D365 Operations 10.0 update 24

ID	Title
1904.0.8.0 – 1	Fixed issue where creation of Job type setup forecasts fail for T&M projects with error message "Enter an invoice date"
1904.0.8.0– 2	Fixed object BOM lines can now be deleted
1904.0.8.0– 3	Fixed workers can now be removed from worker groups
1904.0.8.0– 4	Fixed maintenance worker can now create and edit object counter values

Advanced Maintenance and Service 10.0.6.11 for D365 Operations 10.0 update 24

ID	Title
1904.0.7.0 – 1	Fixed missing cardinalities on CMA tables CMAContractInstallment and CMAContractPaymentLine
1904.0.7.0– 2	Fixed name overlap with AM module for class DateEffectivenessFormController_Time. Class renamed to DateEffectivenessFormController_MROTime

Advanced Maintenance and Service 10.0.6.10 for D365 Operations 10.0 update 24

ID	Title
1904.0.6.0 – 1	Fixed object criticality for cost control

1904.0.6.0- 2	Fixed updated public name for Work order pool relation entity
1904.0.6.0- 3	Ignore incorrectly submitted deletes on "\$"-schedule ID's on planning board

Advanced Maintenance and Service 10.0.6.9 for D365 Operations 10.0 update 24

ID	Title
1904.0.5.0 – 1	Fixed document attachment entities "EAM Job type setup document attachments" and "EAM Object document attachments"
1904.0.5.0- 2	Fixed Preferred Workers entity (added trade, corrected MROSM key)
1904.0.5.0- 3	Fixed Object counter datetime field on Work order line checklist no longer mandatory
1904.0.5.0- 4	Handle dead references on DocuValue (happens when PROD-data is copied to other environments)
1904.0.5.0- 5	Fixed missing item sales tax group on hour journal lines

Advanced Maintenance and Service 10.0.5.8 for D365 Operations 10.0 update 24

ID	Title
1904.0.4.1 – 1	Fixed security issue preventing users with the Maintenance Worker role from posting journals.
1904.0.4.1 – 2	Fixed inaccurate label for entity Functional location specification requirements
1904.0.3.1 – 1	Fixed checking for DB change tracking
1904.0.3.1 – 2	Fixed enabled object specification requirements on functional locations

Advanced Maintenance and Service 10.0.4.7 for D365 Operations 10.0 update 24

ID	Title
1904.0.3.0 - 1	Fixed contract table relationship for work order lines
1904.0.3.0 - 2	Fixed cost price for objects created from purchase orders
1904.0.3.0 - 3	Fixed opening forecast for work order forecast with no lines
79528	AMS features were visible without Contract management License

Advanced Maintenance and Service 10.0.4.6 for D365 Operations 10.0 update 24

ID	Title
1904.0.2.1 - 1	Fixed tax error on work order hour journals

Advanced Maintenance and Service 10.0.3.5 for D365 Operations 10.0 update 24

ID	Title
1904.0.2.0 - 1	Fixed maintenance status label, wrong label on form
1904.0.2.0 - 2	Fixed financial dimension merge for work orders with customers
1904.0.2.0 - 3	Fixed removed lookup of ObjectID from ObjectTable form
1904.0.2.0 - 4	Fixed wrong Infolog message is displayed when specifying invalid value for specification type
1904.0.2.0 - 5	Fixed security rights for posting journals for maintenance workers

75569	Creation of pending objects from pending objects form for Purchase orders throws an error.
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Advanced Maintenance and Service 10.0.2.3 for D365 Operations 10.0 update 24

ID	Title
1904.0.1.0 - 1	Fixed create related work order, missing job variant and job trade
1904.0.1.0 - 2	Fixed add list to request workspace
1904.0.1.0 - 3	Fixed hour calculation on work order line schedule
1904.0.1.0 - 4	Fixed project update conflict when create work order lines
1904.0.1.0 - 5	Fixed missing label for object change
1904.0.1.0 - 6	Added checklist names are editable on active work order lines

Advanced Maintenance and Service 10.0.0.2 for D365 Operations 10.0 update 24

ID	Title
1904.0.0.0-1	Fixed error when copying Job type setup with item forecasts.
1904.0.0.0-2	Fixed issue with Job type setup copy function for tools.
1904.0.0.0-3	Fixed issue with processing a checklist with counters multiple times.
1904.0.0.0-4	Fixed copy from forecast > Set expense trans date to current date if forecast date is in the past
1904.0.0.0-5	Fixed work order journal > Copy from forecast > Line property was not set from forecast
1904.0.0.0-6	Fixed checklist template/variable: Prevent creating sub-records if no parent exists
1904.0.0.0-7	Fixed deleting tools from work order also deletes schedule for the tool
1904.0.0.0-8	Fixed request type ID is now mandatory
1904.0.0.0-9	Fixed started by on requests are no longer editable
1904.0.0.0-10	Fixed number of work order pools on work order. It now counts only active pools.
1904.0.0.0-11	Fixed related information for work order pools. It now shows only active pools.
73478	Customer account missing on auto-object creation
1810.1.0.5-1	Fixed potential issue with index violations when converting old style checklists for work orders.
1810.1.0.5-2	Fixed missing name on measurement lines converted from old style checklists.

Advanced Maintenance and Service 10.0.0.1 for D365 Operations 10.0 update 24

ID	Title
71207	Error thrown when document handling page is opened with no mobility license.

Advanced Maintenance and Service 81.3.4.1 for D365 Operations 8.1.3 Update 23

ID	Title
1810.1.0.3-1	Fixed merging of default dimensions on work order item journals so that it is initialized in the same way as in the standard project item journal

1810.1.0.3-2	Fixed an issue with missing cost prices in item journals created from mobile.
1810.1.0.3-3	Fixed edit values on specifications and condition assessments. They no longer throws errors

Advanced Maintenance and Service 81.2.1.3 for D365 Operations 8.1.2 Update 22

ID	Title
1810.1.0.2-1	Fixed missing configuration key on customer account fields
1810.1.0.2-2	Fixed data type for functional location on work responsible setup table
1810.1.0.2-3	Fixed plan sequence calculation - duplicates dates when counter did not start at zero
1810.1.0.2-4	Fixed copy from forecast, line property was not set and trans date is set to current date if date is in the past
1810.1.0.2-5	Fixed Gantt chart footer fields, missing values
1810.1.0.2-6	Fixed license not checked in batch
1810.1.0.2-7	Fixed processing checklists multiple times

Advanced Maintenance and Service 81.1.1.11 for D365 Operations 8.1 Update 21

ID	Title
1810.1.0.0-1	Fixed multiple object types on rounds on functional locations
1810.1.0.0-2	-Rewrite of mobile data synchronization framework to utilize SQL Server change tracking functionality
1810.1.0.0-3	Data entity Spare sparts: setting approval through entity is now working (MROParmObjectTypeSetupSparePart)
1810.1.0.0-4	Data entity Scheduled executions: fixed issue if only ID is set (MROParmScheduledExecution)
1810.1.0.1-1	Fixed table index issues on MROParmWorkerPreferred, MROParmWorkerResponsible, MROParmWorkOrderParentProject and MROParmWorkOrderProjectGroup. This is for customers who are upgrading and are using Asset Service Management.

Advanced Maintenance and Service 81.20.1.5 for D365 Operations 8.1 Update 20

ID	Title
66566	Unable to open Customers list page
66567	Unable to export Work orders to excel

Advanced Maintenance and Service 80.15.3.4 for D365 Operations 8.0 Update 15

ID	Title
64882	Auto object creation doesn't work with BOM set up at Multi level.

65058	SLA score changes doesn't consider earlier stage changes.
65237	Total object profitability amount showing incorrect value on report.

Advanced Maintenance and Service 80.15.2.7 for D365 Operations 8.0 Update 15 – August 2018

ID	Title
1804.0.1.0-1	Fixed allowed edit work order type ID
1804.0.1.0-2	Edit button removed from object specification overview
1804.0.1.0-3	Fixed lookup for categories on parameter form
1804.0.1.0-4	Fixed adding objects to contracts when adding object payment lines
1804.0.1.0-5	Fixed creating work orders from common data source
1804.0.1.0-6	Fixed label on contract payment lines

Advanced Maintenance and Service 1712.12.2.67 for Dynamics 365 for Finance and Operations June 2018

ID	Title
1712.1.0.0-1	Fixed missing data on maintenance status
1712.1.0.0-2	Fixed work order is shown after creation
1712.1.0.0-3	Fixed count of references for job type setup
1712.1.0.0-4	Fixed error when cancelling creation of work order
1712.1.0.0-5	Fixed posting journals with approval stage
1712.1.0.0-6	Fixed fact box for work order pools, counts only active pools

Advanced Maintenance and Service 1712.12.2.66 for Dynamics 365 for Finance and Operations 7.3

ID	Title
1712.12.2.66	Fixed integer invent dimension for mobile (Requires mobile client version: 92.10.5 or later)

Advanced Maintenance and Service 1712.12.1.65 for Dynamics 365 for Finance and Operations Dec 2017

ID	Title
1707.1.0.2-1	Fixed create work orders from requests on platform update 12
1707.1.0.2-2	Fixed broken document references for mobile client
1707.1.0.1-1	Fixed creating work orders from rounds
1707.1.0.1-2	Fixed security permissions for request workspace
1707.1.0.1-3	Fixed pending item count
1707.1.0.1-4	Fixed finding job type setup
1707.1.0.1-5	Calculating instalments for contracts now respect end date
1707.1.0.1-6	Fixed maintenance status calculation
1707.1.0.1-7	Fixed security permissions for object type

1707.1.0.1-8	Fixed security permissions for stage group stages
1707.1.0.1-9	Fixed security permissions for document type parameters
1707.1.0.1-10	Fixed work order report scheduled date time
1707.1.0.1-11	Fixed object counter unit
1707.1.0.1-12	Fixed attachments on mobile client
1707.0.3.0-1	Fixed issue with counter based maintenance plans, where planning fails if slope is too narrow
1707.0.3.0-2	Fixed time zone issue on work order report
1707.0.3.0-3	Fixed entity for work order stages, new data package has been uploaded

Advanced Maintenance and Service 1707.8.1.8 for Dynamics 365 for Finance and Operations July 2017

ID	Title
1707.0.2.0-1	Fixed work order timeline
1707.0.2.0-2	Fixed category initialization on expense journals
1707.0.2.0-3	Fixed planned absence on planning board
1707.0.2.0-4	Fixed project types for contracts. They can now be internal
1707.0.2.0-5	Fixed deletion with multi-select on worker groups
1707.0.2.0-6	Fixed updating sales prices when creating new expense line
1707.0.2.0-7	Fixed latitude and longitude are now set from mobile
1707.0.2.0-8	Fixed expense registration from mobile
1707.0.2.0-9	Fixed stage change when scheduling work orders
1707.0.2.0-10	Fixed work order report, added object notes
1707.0.2.0-11	Fixed labels issues
1707.0.2.0-12	Fixed entities
103.0.10.0-1	Fixed issue with updating default financial dimensions on objects from functional location
103.0.9.0-1	Fixed security configuration issue with workspaces.
103.0.9.0-2	Fixed potential issue with Request entity not creating Object calendar lines
103.0.9.0-3	Fixed issue with Functional location entity not updating the Active flag
103.0.8.0-1	Fixed UI issue with Description field on Job type setup
103.0.8.0-2	Fixed potential issue with data entity 'EAM Job type setup checklist'
103.0.7.0-1	Fixed data entity issue with importing 'EAM Job type setup checklist'
103.0.6.0-1	Fixed data entity issue with importing 'Job type setup'
103.0.5.0-1	Fixed label issues
103.0.5.0-2	Fixed wrong configuration key on requests type ID
103.0.5.0-3	Fixed Notes and Work order buttons from Work order calendar
103.0.5.0-4	Fixed deletion of fault symptom relations
103.0.5.0-5	Fixed sort order on transactions
103.0.5.0-6	Fixed security for contract manager
103.0.5.0-7	Parent object removed from Object item
103.0.5.0-8	Fixed serial number not added to object for objects created from sales order lines

103.0.5.0-9	Fixed Project group setup, setting object type required object
103.0.5.0-10	Fixed entities for sub-objects. Stage log and functional location.
103.0.3.0-1	Fixed contract stage group bug
103.0.2.0-1	Fixed calendar when calculating object KPI
103.0.2.0-2	Fixed labels in reports
103.0.2.0-3	Fixed mobile integration

Advanced Maintenance and Service 7.3.1611.101 for Dynamics 365 Operations 1611

ID	Title
AXEAM-U3-1	Fixed missing validate and post journals for Maintenance Manager and Clerck security roles
AXEAM-U3-2	Fixed dispatch board
AXEAM-U3-3	Fixed missing stage ID on request details report
AXEAM-U3-4	Fixed calendar when calculating object KPI
AXEAM-U3-5	Fixed labels in reports
AXEAM-U3-6	Fixed mobile integration
AXEAM-U3-7	Fixed contract stage group bug
AXEAM-U3-8	Fixed label issues
AXEAM-U3-9	Work order times report has been removed
AXEAM-U3-10	Fixed wrong configuration key on requests type ID
AXEAM-U3-11	Fixed Notes and Work order buttons from Work order calendar
AXEAM-U3-12	Fixed deletion of fault symptom relations
AXEAM-U3-13	Fixed sort order on transactions
AXEAM-U3-14	Fixed security for contract manager
AXEAM-U3-15	Loan ID added to the loan form
AXEAM-U3-16	Parent object removed from Object item
AXEAM-U3-17	Fixed serial number not added to object for objects created from sales order lines
AXEAM-U3-18	Fixed Project group setup, setting object type required object
AXEAM-U3-19	Fixed entities for sub-objects. Stage log and functional location

Previous releases

ID	Title
AXEAM-U2-1	Fixed fact box tree control
AXEAM-U2-2	Lookup for functional location. My locations tab is hidden if there is no setup on user
AXEAM-U2-3	Fixed functional location active, was not updated during stage change
AXEAM-U2-4	Contract instalments. Pending instalments can now be deleted
AXEAM-U2-5	Added parameter controlling product name localization for work order reports

AXEAM-U2-6	English (en-us) labels only, translation is pending
AXEAM-U2-7	Fixed missing warranty information in timeline

Notes for developers:

Moving from 101.0.0.0 and onwards. We have removed table inheritance from stages.

New tables for stage setup are named MROParmStg*

Old DEPRICATED tables for stage setup are named MROParmStage*

There is a runnable job for upgrading your data.

4. Known Issues

ID	Title
65238	Auto object creation is not working for multilevel BOM set up for Intercompany.
AXEAM-U3-20	Work break down structure data is missing for project activities.
AXAEAM-1707-22	Browser login token timeout issue. Issue is reported at Microsoft and is awaiting fixing.