TO INCREASE +

Author: Product Management, PM

Advanced Project Management- Asset Management 10.0.28.11 for Dynamics 365 for Finance and Operations 10.0

Release Notes

Table of Contents

Document Information

Title	Advanced Project Management- Asset Management 10.0.28.11 for Dynamics 365 for Finance and Operations 10.0
Subtitle (Subject)	Release Notes
Solution Suite	Advanced Discrete Manufacturing
Category	Release Notes
Author	Product Management
Published Date	9/2/2022
Status	Final

1.   General

1.1   Purpose

This document describes the new functionality developed for Advanced Project Management- Asset Management 10.0.28.11 for Dynamics 365 for Finance and Operations 10.0.

Purpose of this release is:

Topic	Yes/ No	Remarks
Update to new Microsoft release	Yes	
New features	Yes	
New D365 functional topics considerations	Yes	
Bug fixes	Yes	
Discontinued features	No	

See chapter 4 for known issues.

Cross reference to LCS solutions:

Solution	Solution Version	Remarks
Advanced Project Management – Asset Management for Dynamics 365 10.0	1	Initial release of D365 10.0
Advanced Project Management – Asset Management for Dynamics 365 10.0	2	
Advanced Project Management – Asset Management for Dynamics 365 10.0	3	
Advanced Project Management – Asset Management for Dynamics 365 10.0	4	
Advanced Project Management – Asset Management for Dynamics 365 10.0	5	
Advanced Project Management – Asset Management for Dynamics 365 10.0	6	

Advanced Project Management – Asset Management for Dynamics 365 10.0	9	
Advanced Project Management – Asset Management for Dynamics 365 10.0	10	
Advanced Project Management – Asset Management for Dynamics 365 10.0	11	

1.2   Audience

The audience for this document is the certified partners selling and implementing as well as customers who bought To-Increase APM solution who wants to use standard D365 Asset Management instead of Enterprise Asset Management.

1.3   Content list

Advanced Project Management- Asset Management 10.0.28.11 for Dynamics 365 for Finance and Operations 10.0 is released on the following Microsoft Dynamics 365 for Operations build

Installed build version	Platform build version	Remarks
Microsoft Dynamics 365 for Finance and Operations 10.0.25	Platform Update 49 or higher	

Important update:

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

#Note: From D365 7.3, Microsoft has changed the way additional Dimensions are handled. The goal for this move is to enable adding additional Dimensions in the application via code extension instead of over layering. Microsoft has introduced a Dimension framework in 7.3 to enable this, the implementation of this framework is treated as a transition process by Microsoft. Practically this means that any fix from Microsoft that they classify as an extensibility request is only delivered in the latest D365 release and that such fix is not backported.

With the introduction of the Dimension framework in D365 7.3 it has become the VAR's responsibility to implement any specific Dimension (such as the Project dimension) in the framework. To give the VAR a head start, To-Increase has created a separate model which can be used as a template by the VAR which implements the Tracking dimension "Project" as the newly introduced InventoryDimension08. As part of this deliverable To-Increase will evaluate case by case whether it will honour any requests for fixes which are resulting from Microsoft not backporting fixes as mentioned above. To-Increase makes no promises that it can and will fix all bugs that Microsoft does not backport.

In case multiple ISV solutions have been installed which are adding Inventory Dimensions, the VAR needs to decide which dimension to use. To-Increase supports the implementation as delivered via the

PbmPIMVAR (Project Inventory VAR) model in case another dimension is implemented by the VAR it is the VAR's responsibility to support this.

Advanced Project Management – Asset Management is compatible with the following solutions for Dynamics 365 for Finance and Operations 10.0:

Product	Remarks
Rapid Value	Optional, requires separate license and separate deliverable
Advanced Maintenance and Service	Optional, requires separate license
Advanced Project Planning	Optional, requires separate license. It is possible to create new tasks in Advanced Project Planning. However, we recommend creating new tasks in Advanced WBS. Features like sub projects, cost codes and equipment transactions are not part of APP.
Product Engineering	Optional, requires separate license and separate deliverable
Business Integration Solution	Optional, requires separate license and separate deliverable

1.4   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 29-08-2020. At that moment it must be renewed, and new licenses need to be installed.

Please make sure you install the latest update (from May 2020 update onwards) before August 29th, 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, which are part of the May 2020 update onwards. The May 2020 update onwards will only work with the new license(s).

To-Increase has planned to upload the new licenses to your LCS project right after release the May update, normally the first working day of the new month. So before installing this new update, please check if the new license(s) is in your LCS. In case you get an error message 'license is not valid' during installation, then there is a mismatch between license and software package. After installing the latest update and latest license, please verify by logging into the application and see the respective menus.

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

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

1.5   APM license coverage

Advanced Project Management is governed by three licenses that control access to specific functions and features.

Feature	License	Remarks
Project Logistics	APM I	
Project Inventory	APM I	
Quotation Statement	APM I	
Quotation Margins	APM I	
Project Change Orders	APM I	
Advanced WBS • Sub-projects in Quote WBS • WBS template	APM I	
Advanced WBS • Summary / Detail • Quantities and units • Progress & Earned value • Budget and budget allocation • Subcontracting • Progress billing • Equipment transactions • Cost breakdown (CBS) • Estimating and formulas • WBS integration	APM II	
Equipment	Equipment	
Options and alternatives	APM II	
Cost codes	APM II	
Calculation and bid rates	APM II	
Additional costs	APM II	
Subcontracting	APM II	
Progress billing	APM II	
WBS cost control	APM II	
Equipment costs and revenue	Equipment	
Timesheets	APM II	
Pricing via Construction template	APM II	
Quotation Statement	APM I	
Quotation Margins	APM I	

Advanced Project Costing	APM I	For the Analytics section of the Advanced project management workspace Power BI is required, as with the Analytics section of other workspaces in D365 FO.

Important: In this release, Advanced Project Management I (APM I) and Advanced Project Management II (APM II) are only supported with active licenses for both, it is not possible to run Advanced Project Management I without the license for Advanced Project Management II.

Similarly, for equipment feature to work, APM II license must be installed as a prerequisite.

Please ignore the best practice warnings in the solution as they are expected. This shall not have any impact to the functionality.

If there is no data by default, please run the create data wizard as a prerequisite to process data packages. Path: Asset management > Setup > Asset management parameters > Click on Create data wizard.

1.6   Telemetry data

At To-Increase we continuously investigate how to improve the user experience of our products; therefore, we will collect application usage data ('telemetry data') from our applications. We will anonymize any personal data and therefore will only use data which cannot be related to individual persons for this purpose. Furthermore, we will delete the telemetry data from our systems after 12 months. If you would like to opt-out, please contact us.

2. New features

2.1 New for this release

Title	Description
Beginning balances will show up in the invoiced amount field in advanced WBS	Until now beginning balances are not shown in the invoiced amount field under the invoice and margins tab in the advanced WBS. We now started to show the beginning balances both for Fixed price and time and material projects. The invoiced field will be a summation of beginning balances + progress bill invoiced amounts + fully invoiced project transactions. In short, any fully invoiced transaction will be a part of the invoiced amount.

2.2 New for previous releases

2.2.1 New for Advanced Project Management 10.0.26.10 for Dynamics 365 for Operations 10.0

Title	Description
Subcontract design change	Following are the changes done to the subcontracts.

Action	Existing behaviour	New behaviour
Subcontract is activated	1. It adds a service item to the estimates.	1. It adds a service item to the estimates 2. All the original estimates that are subcontracted will be deleted. 3. Although the estimates are deleted, we will retain these forecasts against the forecast model SUB for reference purposes.
Update Quantity button on the subcontract.	This button updates forecast quantity on the subcontract.	As is.

	1.Updates Purchase order line with the latest values quantity and prices) in the subcontract. 2.Updates the item forecast line with the same information, as in the purchase order lines.	1. as is 2. as is. 3. Updates the item estimate (service item estimate added after subcontract is activated) with the same cost same as the subcontract rate/value.
Update PO line button.		
Formulas during PCO/ Draft-Publish	1.Quantity in the estimates will be calculated and changed as per the formulas whenever forecast quantity is modified.	1.Formulas will be inactive, and the latest modified forecast quantity will be defaulted to the service item estimate's qty.

2.2.2 New for Advanced Project Management 10.0.25.9 for Dynamics 365 for Operations 10.0

Title	Description
Project beginning balances has equipment transaction type.	An option to select category = Equipment was introduced in the project beginning balances making it possible to enter lines the equipment transaction types as well.
Enable Summary & Detail in Project WBS Draft Data Entity	Data entity Project WBS Draft is modified to now accept data for activity type = summary and Detail., in addition to Standard. Please note that this data creation is totally WBS ID driven. For example, Activity type = Summary can contain value = X., then Detail activities should be specified as X.1, X.2 etc., for data to be created correctly. | 000866	2	Standard
000866	3	Summary
000866	3.1	Detail
000866	3.2	Detail	

2.2.3 New for Advanced Project Management 10.0.24.6 for Dynamics 365 for Operations 10.0

Title	Description
Line property is editable	Line property field on the timesheet journals is now made editable.

2.2.4 New for Advanced Project Management 10.0.23.5 for Dynamics 365 for Operations 10.0

Title	Description
Added new APM templates to the journal lines.	Added new templates to Hour, Expense, Equipment, and Item journals so that user will have the feasibility to work with mostly used ISV fields readily. You don't have to add them via design each time. Cost code, construction template and equipment fields are added by default with this development.

2.2.5 New for Advanced Project Management 10.0.22.4 for Dynamics 365 for Operations 10.0

No new features in this release

2.2.6 New for Advanced Project Management 10.0.22.3 for Dynamics 365 for Operations 10.0

No new features in this release

2.2.7 New for Advanced Project Management 10.0.21.2 for Dynamics 365 for Operations 10.0

Title	Description
Capability to transfer all the types of projects from quotation to project.	We allow transfer of all the project types from quotation to project. Until today, we allowed only Fixed price and Time and Material projects. For the project types for which project contract is not required, we made the contract greyed-out and the quotation will still allow us to transfer it to the project.

2.2.8 New for Advanced Project Management 10.0.18.1 for Dynamics 365 for Operations 10.0

No new features in this release.
However, the equipment functionality is integrated with the standard asset management.

2.3 New functional topics considered for this release

Title	Description
Delete on-account transactions which doesn't have any reference to the invoice proposal.	Until now, you cannot delete an on-account transaction that was generated by a progress bill, even after you delete the invoice proposal. With this change, even though the on-account transaction has a reference to the progress bill, it can be deleted if the associated invoice proposal is no more available. This had been a request from some of our customers lately and this is now addressed with this release.
APM project expense journal templates – redesign	APM Project expense journal has some issues with updating the quantity and fetching the journal line information., which will now publish and fetch correct data. Known issue CS00202755 has been addressed through this.

2.4 New functional topics considered for previous releases

2.4.1 New functional topics considered per release Advanced Project Management 10.0.26.10 for Dynamics 365 for Operations 10.0

No functional topics were considered in this release

2.4.2 New functional topics considered per release Advanced Project Management 10.0.25.9 for Dynamics 365 for Operations 10.0

No functional topics were considered in this release

2.4.3 New functional topics considered per release Advanced Project Management 10.0.24.6 for Dynamics 365 for Operations 10.0

No functional topics were considered in this release

2.4.4 New functional topics considered per release Advanced Project Management 10.0.23.5 for Dynamics 365 for Operations 10.0

No functional topics were considered in this release

2.4.5 New functional topics considered per release Advanced Project Management 10.0.22.4 for Dynamics 365 for Operations 10.0

No functional topics were considered in this release

2.4.6 New functional topics considered per release Advanced Project Management 10.0.22.3 for Dynamics 365 for Operations 10.0

No functional topics were considered in this release

2.4.7 New functional topics considered per release Advanced Project Management 10.0.21.2 for Dynamics 365 for Operations 10.0

Title	Description
Forecast quantity is minimum one on the projects too.	Forecast quantity is the major factor to calculate bid rate. If the forecast quantity is zero on the project quotation, then bid rate = Bid value/forecast quantity, and in this case, the bid rate is an impossible value. Hence it is already taken as one by default. This behaviour is not there till today for projects. It is introduced for projects too.

2.4.8 New functional topics considered per release Advanced Project Management 10.0.18.1 for Dynamics 365 for Operations 10.0

No functional topics were considered in this release

2.5 Discontinued features for this release

No functional topics were discontinued in this release

2.6 Discontinued features for previous releases

2.6.1 Discontinued features per release Advanced Project Management 10.0.25.9 for Dynamics 365 for Operations 10.0

No functional topics were discontinued in this release

2.6.2 Discontinued features per release Advanced Project Management 10.0.24.6 for Dynamics 365 for Operations 10.0

No functional topics were discontinued in this release

2.6.3 Discontinued features per release Advanced Project Management 10.0.23.5 for Dynamics 365 for Operations 10.0

No functional topics were discontinued in this release

2.6.4 Discontinued features per release Advanced Project Management 10.0.22.4 for Dynamics 365 for Operations 10.0

No functional topics were discontinued in this release

2.6.5 Discontinued features per release Advanced Project Management 10.0.22.3 for Dynamics 365 for Operations 10.0

No functional topics were discontinued in this release

2.6.6 Discontinued features per release Advanced Project Management 10.0.21.2 for Dynamics 365 for Operations 10.0

No functional topics were discontinued in this release

2.6.7 Discontinued features per release Advanced Project Management 10.0.18.1 for Dynamics 365 for Operations 10.0

No functional topics were discontinued in this release

3. Fixes summary

3.1 Fixes for this release

ID	Title
148942	CS00221943 - Create a role and allow associated users to generate and download project change order report. Now advanced WBS manager and advanced WBS admin and clerk will have this option.
149357	CS00221948 - Incorrect Subtotal amount and Invoice amount in Project quotation. There is a partially addressed. Please refer known issues list.
147916	CS00221848 - Unable to submit the PCO changes due to info bar "The require Activity number for Hour forecast is marked in Project" – This is now fixed.
146094	CS00219639 - Issues updating actual cost, posted hours in Advanced WBS.

3.2 Cumulative fixes from previous releases.

ID	Title
145748	CS00221413 - Bid values are showing wrong in the Budget tab after changing the bid value for summary
145085	CS00219868 - Description for current forecasts not changed when modified using PCO and is transferred to project
137827	CS00198817 - Cost value for activity and sub project is in correct after change for a subcontract
140255	CS00208979 - Quotation lines must be created with project date which is the activity start date.
142383	CS00212930 – Cost codes are now retained correctly after WBS export or template import.
139267	CS00205534 - Expense timesheets post with different information than what was entered As a part of this fix., resource is shown on the expense journals. Financial dimensions are not overridden. They are merged.
137892	CS00199365 - Additional fields on the Opening balance journal templates. Cost code field is added on the journal lines when opened through Microsoft Excel add-in.
137919	CS00199506 - Construction template is erased on the quotation WBS at the activity level.
137937	CS00199509 - Import of journal lines with APM fields, ignores the APM price setup
137371	CS00187202 - Lookups for Cost code and Equipment fields on Project journals This is an extension that came up with the bug released in previous version., via ID 131232.

137871	CS00199356- Norwegian language doesn't show correct transaction type for Fee on Advanced WBS
131232	CS00187202 - Equipment journal does not fetch all fields when opened in Excel from F&O Note: For the new ISV fields, users will have to go to Design and add them.
133205	CS00190387 - Wrong sorting in Quotation statement
134161	CS00192294 - Project contract ID is erased after template import
134247	CS00192786 - Upload of APM data is failing due to incomplete or missing data entities ProjProjectWBSDraftEntity - Project work breakdown structure – Draft ProjWBSActivityEstimatesEntity - Project work breakdown structure - Draft estimates ProjectsEntity – APM projects.
124424	CS00164917 - Activities added with a PCO are not visible in the tracking view.
124425	CS00164939 - Item forecasts are shown incorrect after the quantity is changed to 0 in PCO
124426	CS00164944 - Wrong validation in PCO, cannot add a second estimate with same hour category
124444	CS00164970 - Cost price is not updated in the current forecast after making changes in the second PCO
123069	CS00159447 - Budget tab on Advanced WBS is showing wrong values for costs and revenue.
123027	CS00159360 - Missing privilege for project inventory

4.   Known Issues

4.1   Known issues for this release

ID	Title
125143	Error while posting FA depreciation journal with equipment linked to FA.
137371	Load ISV fields by default and show lookups for Cost code and Equipment fields on Project journals
153043	CS00221948 has been addressed with multiple scenarios. But one scenario found during the internal testing turned up as a known issue for this release.

CS00221948 has been addressed with multiple scenarios. But one scenario found during the internal testing turned up as a known issue for this release.

Totals are verified on quotations with the below combinations.
Scenario 2 is known issue. Rest all got passed.

Scenario	Test
1	Show WBS with units and quantities = True & Use progress billing = True
2	Show WBS with units and quantities = True & Use progress billing = False
3	Show WBS with units and quantities = False Use progress billing will be automatically set to False (This is NA too here.)
4	Show WBS with units and quantities = False., Create some Std WBS data using std WBS.
5	Is standard WBS showing Totals? Has it been verified ?