
Data Modeling Studio 10.0.35.31

Release Notes

Table of Contents

| | | |
|-----------|---|-----------|
| 1. | Introduction | 5 |
| 1.1 | Purpose | 5 |
| 1.2 | Audience | 5 |
| 1.3 | Release information | 5 |
| 1.4 | Supported Languages | 6 |
| 1.5 | Security | 6 |
| 1.6 | Compatibility with other solutions | 6 |
| 1.7 | License Coverage | 6 |
| 1.8 | Upgrade from earlier versions | 6 |
| 2. | What's New | 7 |
| 2.1 | “Validate and Fix” functionality for Data Set | 7 |
| 2.2 | Multi-lingual support | 7 |
| 2.3 | Common library | 8 |
| 3. | Bug Fixes | 10 |
| 3.1 | Release 10.0.35.31 | 10 |
| 4. | Previous release bug Fixes | 11 |
| 4.1 | Release 10.0.33.30 | 11 |
| 4.2 | Release 10.0.32.28 | 11 |
| 4.3 | Release 10.0.31.27 | 11 |
| 4.4 | Release 10.0.30.26 | 11 |
| 4.5 | Release 10.0.30.25 | 11 |
| 4.6 | Release 10.0.29.24 | 11 |
| 4.7 | Release 10.0.28.23 | 11 |
| 4.8 | Release 10.0.27.22 | 11 |
| 4.9 | Release 10.0.26.21 | 11 |
| 4.10 | Release 10.0.25.20 | 11 |
| 4.11 | Release 10.0.24.19 | 11 |
| 4.12 | Release 10.0.23.18 | 11 |
| 4.13 | Release 10.0.22.17 | 11 |
| 4.14 | Release 10.0.21.16 | 11 |
| 5. | Breaking changes | 12 |

| | | |
|----|----------------------------|----|
| 6. | Known Issues..... | 13 |
| 7. | Discontinued features..... | 15 |

Document Information

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|----------------|---------------------------------|
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1. Introduction

1.1 Purpose

This document describes the new functionality developed for Data Modeling Studio 10.0.35.31 for Dynamics 365 Finance and Operations 10.0.33 and above.

The purpose of this release is:

| Topic | Yes/ No | Remarks |
|---|---------|---------------------------------------|
| New Related Product | No | |
| Upgrade to new Microsoft release | Yes | |
| New features | Yes | |
| New D365 functional topics considerations | No | |
| Bug fixes | Yes | Internal bug fixes and support issues |
| Discontinued features | Yes | |

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 Release information

Data Modeling Studio 10.0.35.31 is released on the following Dynamics 365 Finance and Dynamics 365 Supply Chain Management build.

| Installed build version | Platform build version | Remarks |
|---|--------------------------|---|
| Microsoft Dynamics 365 Finance and Microsoft Dynamics 365 Supply Chain Management 10.0.33 | Platform update update51 | Please bookmark this website to get informed about backwards compatibility; |

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.

1.4 Supported Languages

Data Modeling Studio 10.0.35.31 is only available and supported in English (EN-US) Language, any other available language is not supported and needs to be maintained by either the partner or the customer.

1.5 Security

Data Modeling Studio 10.0.35.31 delivers the below set of duties for the entire Data Modeling Solution and we assure that any pre-configured roles work in combination with standard Dynamics 365 Finance and Dynamics 365 Supply Chain Management roles and security.

| Role name |
|------------------------|
| CDPChiefDataOfficer |
| CDPDataSteward |
| CDPMasterDataAssistant |
| CDPMasterDataManager |
| CDPPluginAdmin |

1.6 Compatibility with other solutions

Data Modeling Studio 10.0.35.31 is compatible with all To-Increase solutions/products for Dynamics 365 Finance and Operations Supply Chain Management 10.0.33 or higher, however it will require separate licenses and deliverables.

1.7 License Coverage

Data Modeling Studio 10.0.35.31 is governed by DMS license that control access to specific functions and features.

1.8 Upgrade from earlier versions

Refer to [installation guide](#) for more details.

2. What's New

2.1 “Validate and Fix” functionality for Data Set

This enhancement will allow the user to validate and fix the schema of the dataset and fix any differences in the schema. There will be a *Validate* button in the Maintain section of the dataset page which will allow the user to validate the dataset. While validating a dataset, the application checks the dataset on the following parameters:

- Difference in column type
- Change in the size of a column.
- Validate that primary key is selected
- Validate the staging tables
- Validate if system field is required or not
- Check if a field is obsolete

The Validate and Fix button will fix the following:

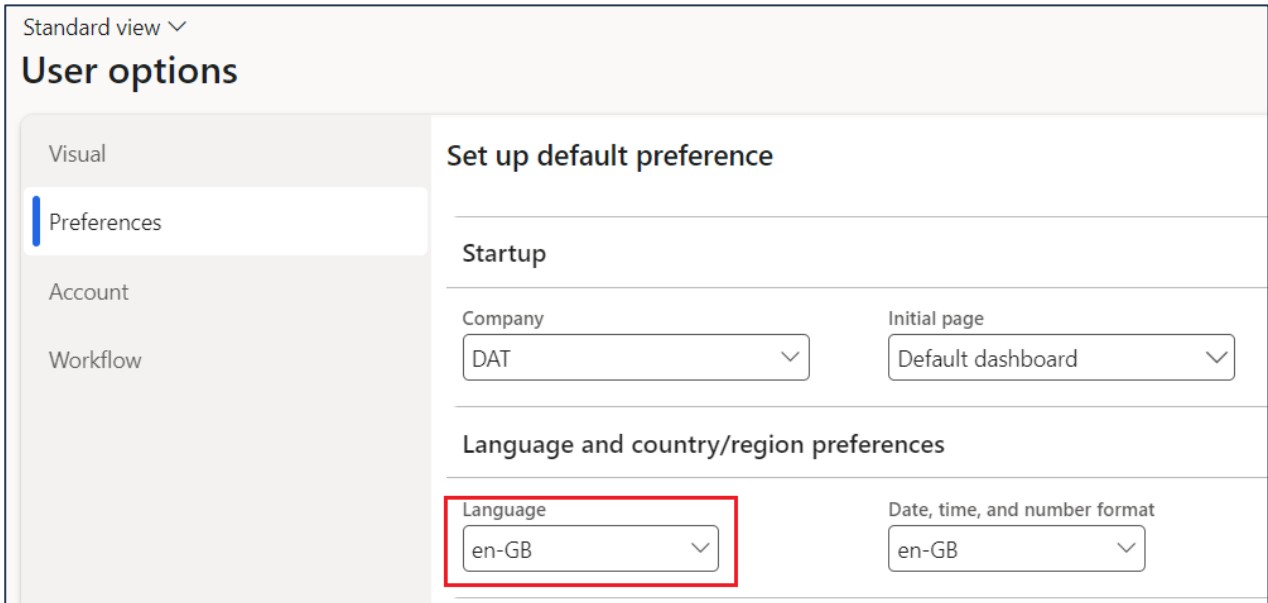
- Update the column type if it has been changed
- Update the column size
- Primary key will be added to dataset/entity
- Staging table will be deleted
- Obsolete field will be deleted
- System Field toggle will be updated to Yes.

2.2 Multi-lingual support

The application has been enhanced to support multiple languages. The following languages has been supported by the application:

- French
- Spanish
- Italian
- Dutch
- Norwegian
- Swedish
- Danish
- Portuguese

Users can change the language on the *Preference* fast-tab of the User Options page.



Note:

- There are some labels for which the translation is not working as expected. These labels has been highlighted in the Known Issues section of the release notes.
- German language is not supported at all.

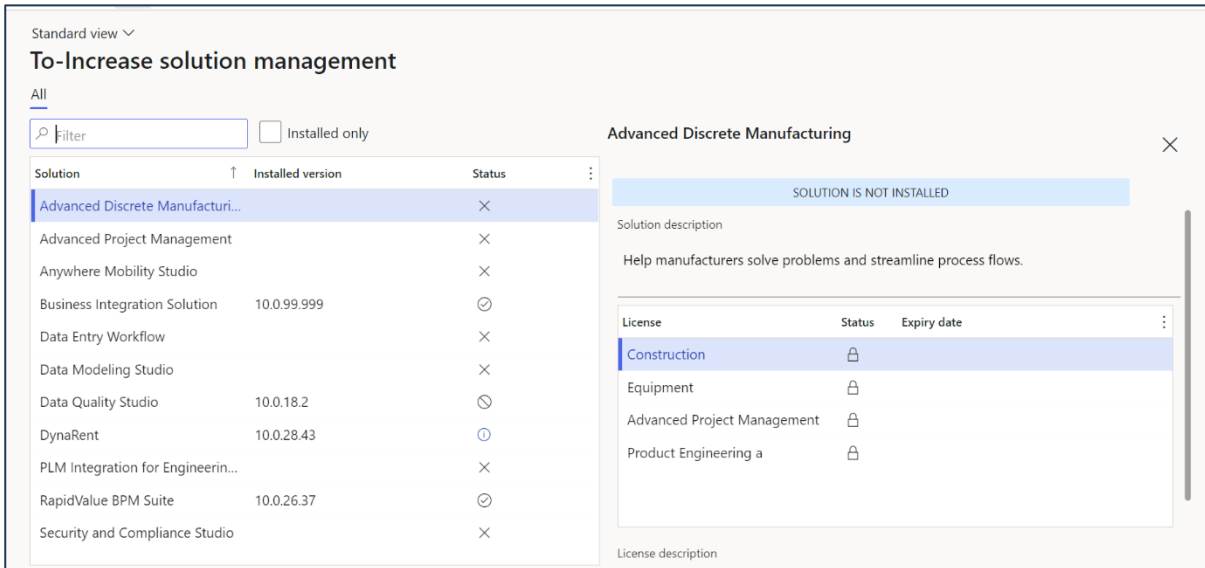
2.3 Common library

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

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

ISV licensing is technically supported with a code signing certificate. The certificate we have to use expires every three years, next up for renewal in 2023. In the near future, our solutions will refer to this common model for the code signing certificate, instead of maintaining it separately in all our solutions.

Next to technical content, the common library comes with features which are beneficial to our customers. E.g., a Solutions Management dashboard gives a clear view of currently installed versions, status of license, option to renew licenses without any downtime, easy access to release notes and documentation, and the ability to leave feedback through the in-app feedback system.



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

?

To-Increase would love your feedback!

Please rate your experience in using the All solutions screen.

5 - Excellent
 4
 3
 2
 1 - Poor

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

Thank you for providing us feedback!

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

The telemetry (TAI) is included into common library (TCL). We are not going to deliver TAI separately anymore.

If multiple solutions provided by To-Increase are used, always pick the latest version of the common library. The common library version included in the current version is 10.0.0.46.

3. Bug Fixes

Below is the list of bug fixes included in **Data Modeling Studio 10.0.35.31** release.

3.1 Release 10.0.35.31

| ID | Title | Description |
|--------|--|---|
| 162299 | CS00223439: Missing records (again) in destination tables CDPGeneralJournalAccountEntryStaging and CDPGeneralJournalEntryStaging | This fix will ensure that while performing the synchronization of the destination tables, the data are successfully synchronized and to ensure this, the metadata update has been disabled on the Data Exchange Monitoring page. |
| 169682 | CS00225418: Missing Records | This fix will allow the user to validate, analyse and synchronize a dataset record. <i>Validate</i> functionality will allow the user to compare the no. of records in AxDB and the BYOD. <i>Analyse</i> functionality will identify the different records. User will be able to view these records on the <i>Analyse Details</i> pop-up. <i>Synchronize</i> functionality will refresh the records for the selected dataset/entity and will ensure that the no. of records is same in AxDB and BYOD. |
| 171611 | DataModel - Getting object reference not set to an instance of the object error when trying to open template in model form | This fix will ensure that while loading a template on the Data Model page, the datasets must be populated successfully based on the details in the data template. |

4. Previous release bug Fixes

5. Breaking changes

Integration value used in Models form is removed from field Model type. Customers that are using Integration value, will have to use Self-Service value of they can run the script from Parameters form, Maintenance tab: Upgrade model type.

Standard view ▾
Parameters

| Maintenance | |
|--|--|
| Run selected script Run all scripts Refresh | |
| <input type="radio"/> Maintenance Script | |
| Description | Method name ↑ Introduced version |
| <input checked="" type="radio"/> Upgrade data model fields | updateDataModelFields 1.1.1.0 |
| Upgrade data selection value | updateDataSelection 1.1.0.0 |
| Upgrade dimensions script | updateDimensions 10.0.16.7 |
| <input checked="" type="radio"/> Upgrade model deploy type | updateModelDeployType 10.0.28.24 |
| Upgrade post processing script | updatePostProcessingScript 1.1.0.2 |
| Upgrade post processing script | updateStagingEntitySuffixScript 10.0.25.20 |

A script has been added in the “Maintenance” fast tab of Parameter page, named: *Correct Model Unmanaged Entity Name*. This script will ensure that the historical data for the data models is also updated.

Note: This script needs to be executed mandatorily for this upgrade. This is applicable while upgrading the application to version 10.0.31.27

A script has been added in the “Maintenance” fast tab of Parameter page, named: *Update Model Unmanaged Entity Name similar to dataset*. This script will ensure that the historical data for the data models is also updated.

Note: This script needs to be executed mandatorily for this upgrade. This is applicable while upgrading the application to version 10.0.32.28

6. Known Issues

Below are reported known issues, to be corrected in an upcoming release.

| ID | Description |
|----|---|
| 1 | <p>In version 10.0.35.31, multilingual support has been introduced, however there are some labels in the application which are still not translating into any language other than English. Below is the list of labels which are not translating:</p> <ul style="list-style-type: none">• DataSet Page:<ul style="list-style-type: none">○ Online help○ Type○ Index○ Edit○ New○ Delete• Data Modelling Page<ul style="list-style-type: none">○ Deploy○ Edit○ New○ Delete○ Model Type○ Dimensions○ Schema○ Fields○ Schedule• Data Template and Transformations:<ul style="list-style-type: none">○ Upload○ Download○ Online help• Data Exchange Monitoring<ul style="list-style-type: none">○ Dashboard○ Online help○ Context○ Status• Connection String Page<ul style="list-style-type: none">○ Online help○ Test• Parameter Page (Complete Page) <p>This translation issue will be resolved in the next release on DMS (Tentative release: Oct-2023)</p> |

Disclaimer:

Microsoft is continuously adding new features in the application directly and via Feature Management. Sometimes these are public preview and will be made available in future releases, in other cases, they are already general available, and you have the choice to activate them. Currently, we are not testing compatibility with all new features or combinations. Once a feature is enabled at the customer environment and in case of any issues or questions related to new standard features and our solutions, kindly contact us via To-Increase support.

7. Discontinued features

Below is the list of features which has been discontinued in 10.0.30.25 release.

| Description | Additional Information |
|----------------------|---|
| Master Data Profiles | The Master data profiles functionality has been disabled. The impact will be that on the Parameters form, Master Data tab is deprecated. DMS buttons will be deprecated from the standard forms: All customers, All vendors, Employees, Released product details. |
| Filter column | The filter column available on the Data Model form for the data sets has been disabled. This feature can be enabled by TI Care team, if needed by the end users. |