

TO INCREASE 

Release Notes for Business Integration Solutions 10.0.30.46 for Microsoft Dynamics 365 Finance and Operations

Release Notes

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1. General

1.1 Purpose

This document describes the new releases of To-Increase Business Integration Solutions for Microsoft Dynamics 365 for Operations. Please read this document carefully before installing it. If you are interested in the practical how-to information, we provide on the To-Increase blog, you can follow the links we provide in some sections of the document. You find our blog at www.to-increase.com/blog/.

1.2 Audience

The document audiences are consultants and customer end-users.

1.3 Installation Notes

To install 'Business Integration Solutions' you need a valid license key. The following licenses are available:

- Business Integration Solutions
- Connectivity
- EDI
- MDM Master data management

1.4 Software Requirements

Business Integration Solutions components are released on the following kernel build. This means that this version installs on Update 10.0.19 and higher.

Version	Kernel build	Application version
Microsoft Dynamics 365 for Operations – Update 49	10.0.25.0	7.0.6316.36

1.5 Documentation

Help documentation for Business Integration Solutions is available at [Connectivity studio \(to-increase.com\)](https://connectivitystudio.to-increase.com).

1.6 Support

In case of any question or query, please reach out to your Microsoft Partner or To-Increase directly. You can contact To-Increase via our support portal (<https://support.to-increase.com/ticsm>), or send an email to customeroperations@to-increase.com

1.7 Labels

This release is shipped with U.S. English labels. Please contact your Microsoft Dynamics Partner for labels in other languages.

2. Build changes

No changes.

3. Fixes/Changes

- CS00222237 | Currency issue with the EDI. A new custom method was added.
- CS00222553 | Without BOM is not working for several document types. Fix was implemented for Text, Fixed text, EDI and XML.
- CS00222691 | No link to the D365 purchase order in BIS-Forms. Fix allow use a reference to the purchase order from EDI journal.
- CS00222771 | Dynamic Action Setup only runs in Batch. Last value from the dialog won't be applied.
- CS00222810 | Incorrectly calculated cumulative quantity. A new calculation for the quantity from the EDI is applied.
- CS00222422 | Selection of latest post in related table. Sorting was removed.

Internal

- Issue with the custom range option. Too many spaces where removed.
- Change label of "Windows folder" connector type to "Azure File Storage"
- Issue with the company in case trigger was from shared table. Group by the company if it exists.

- BISIntegrationOperationWorkspace Security diagnostics doesn't have security object. The security was added to the BIS workspaces.
- Customer group field is getting updated even though Retain local value for that field is kept as "Always". Changed the logging for the retain local value functionality.
- EDI "Retry approval for EDI journals on journal status On-Hold" does not work. Function will change the journal status.
- Fields missing on table BisEdiSalesMarkupTrans. RecordId and InfoLogtext were added.
- Importing password is giving error when we are importing from other env in security key vault. A new process of import/export secret reference was introduced.
- Security Key improvements
 - A new process to update the secret reference name was introduced.
 - Secret references form caption was changed to "Secret references"
 - A new process of import/export secret reference was introduced.

4. Functionality New and Changed

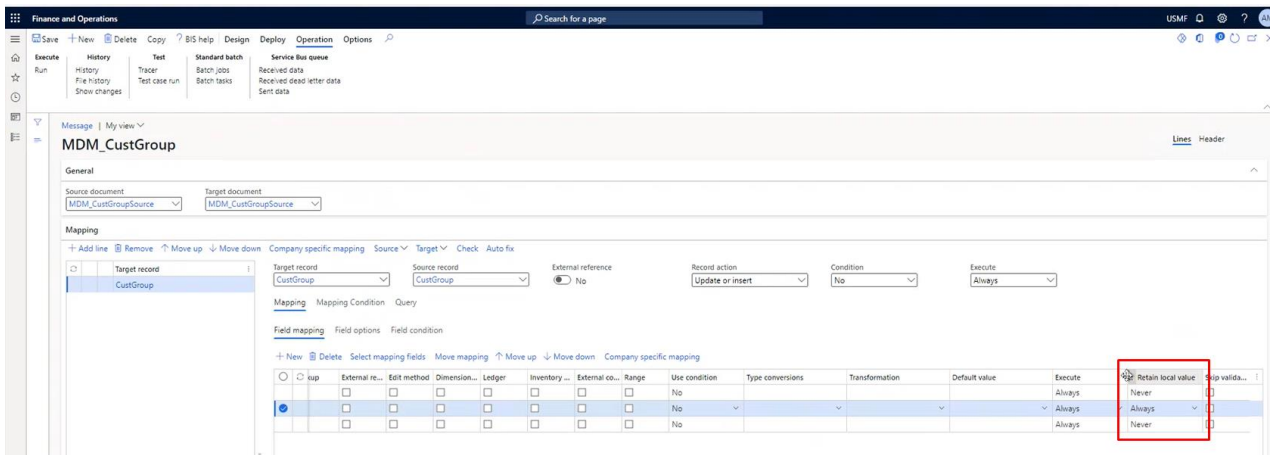
4.1 Retain local values

A new option was added to specify if a local value should never be overwritten or when it already contains a value different than the original value of the source master record. For that purpose, we store the previous value.

The main goal was to not override the changed MDM data in the child company if the data in the master company was updated. But this functionality can be used without MDM.

Setup

If the target document handler is BisDocumentAxDatabase or extended, a new parameter will appear in the message mapping.



Based on the setup we could have 5 scenarios when the field value should be updated or not:

- Always update - 'Execute' option on the field should be set to 'Always'. 'Retain local value' should be 'Newer'
- Update when source value is not empty - Use Mapping condition to execute the field only if the source field is empty
- Keep local value if it's not empty – 'Retain local value' should be 'Not empty'
- Never update - 'Execute' option on the field should be set to 'On insert'
- Keep local value – 'Retain local value' should be 'Always'

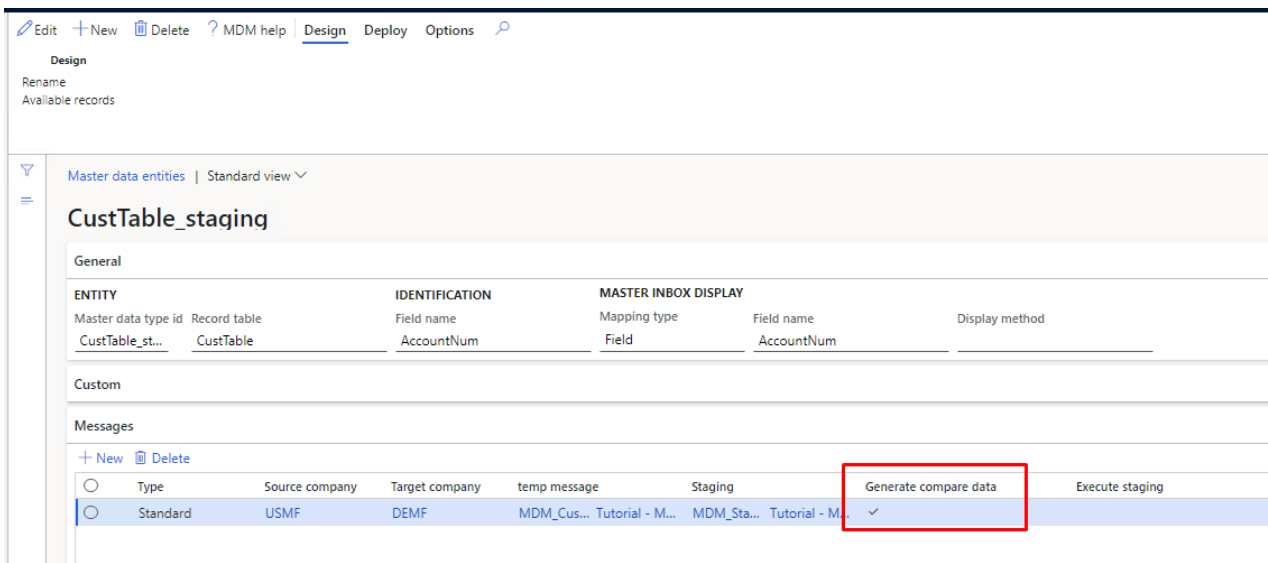
4.2 Data comparison before accepting MDM record

A data steward would need to have a comparison form where he can verify the changes between the old and new values in the target company before accepting the changes.

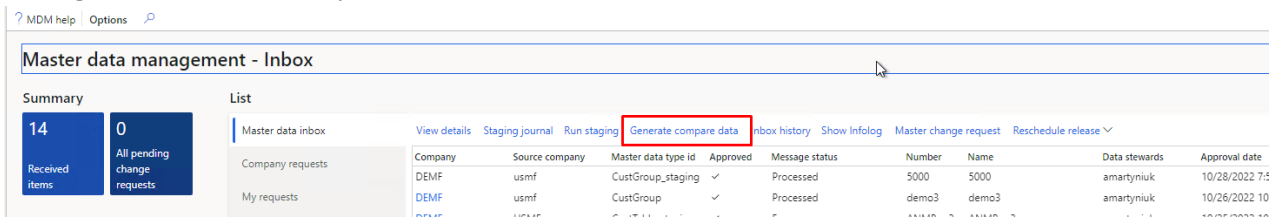
A new functionality supports only MDM flow with the staging. The process is based on the execution of the BIS message which moves data from the staging to the target entity, but instead of inserting records it will populate the log. In case of any errors with the message, the warning will be displayed and compare data won't be generated.

Generate the compare data

It is possible to execute the generation of the compare data at the moment of the source to staging message execution. A new parameter was added to the Master data entity form



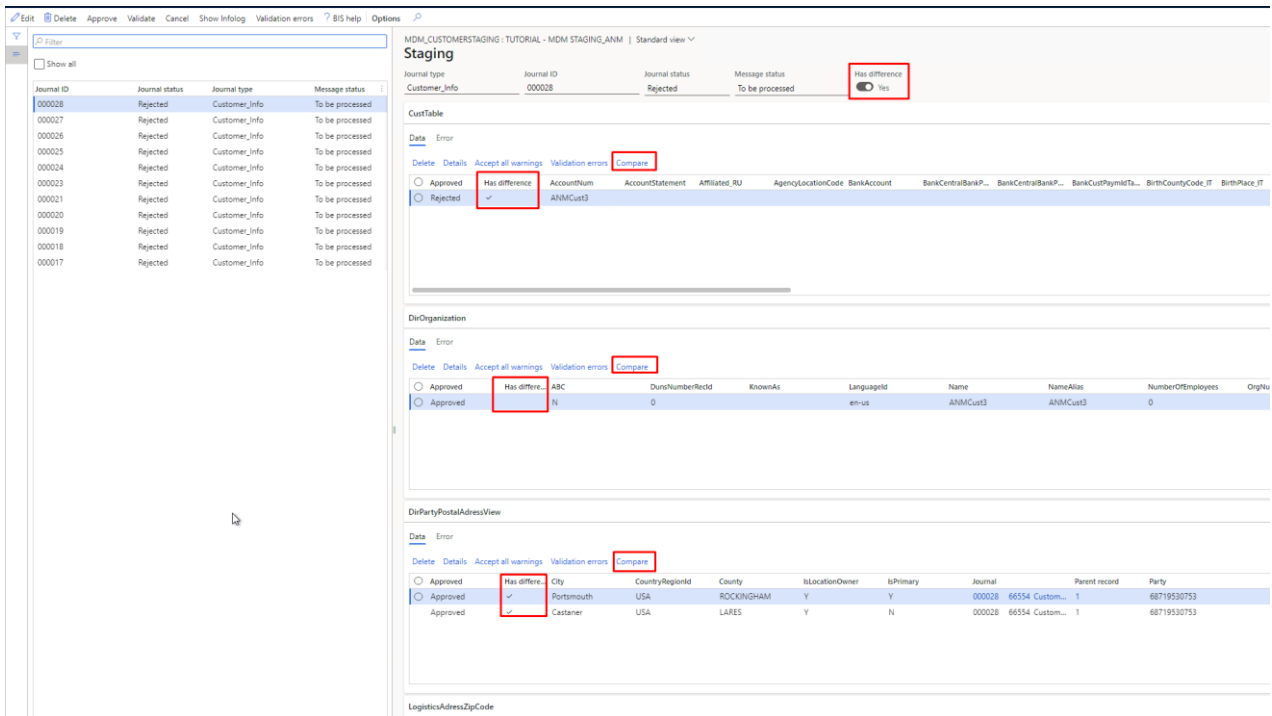
Also, it's possible to generate the compare data manually. A new button was added to the Master data management – Inbox workspace.



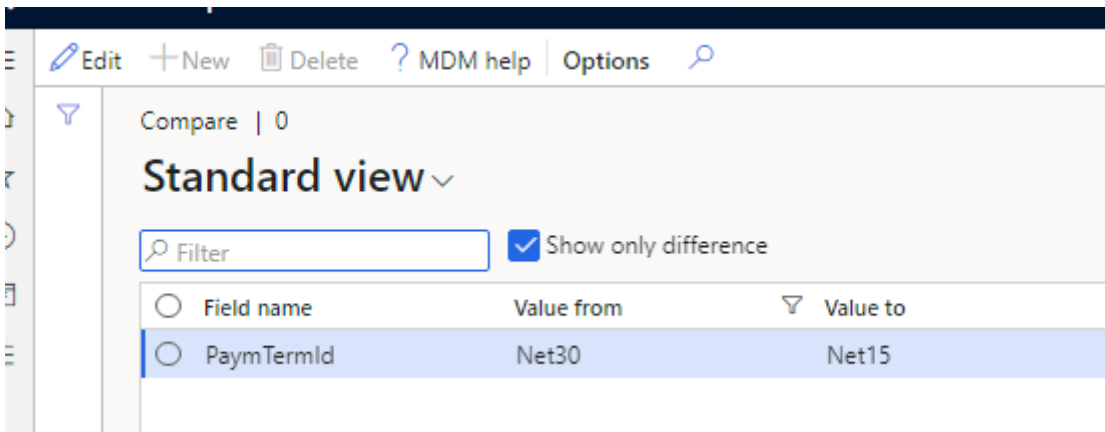
View the results of generation

After the compare data was generated, the user could view the results in the Staging journal.

Each record has a new 'Has difference' field which displays if the record is about to be update during the staging to target message execution.



By clicking the Compare button, a new form will be opened and shows the data. The filter to show only difference is enabled by default.



Auto reject records if different

A new validation was added to automatically reject the lines if the difference was found. It is possible to reject only specific table from the message. The data steward would need to review the difference and Accept all warnings to proceed the transfer or cancel the line if record should be excluded.

MDM_CUSTOMERSTAGING : TUTORIAL - MDM STAGING_ANM | Standard view

Staging

Journal type	Journal ID	Journal status	Message status	Has difference
Customer_Info	000028	Rejected	To be processed	Yes

CustTable

Data	Error
Approved	Has difference
Rejected	✓

Delete	Details	Accept all warnings	Validation errors	Compare
<input type="radio"/>	Approved	Has difference	AccountNum	AccountStatement
<input checked="" type="radio"/>	Rejected	✓	ANMxCust3	Affiliated_RU

The validation could be added for the required records in the message in the Business integration solution
 > Setup > Base > Staging display options

Initialize

Initialize options

MDM_CustomerStaging

Display options: Validation

Line number	Active	Validation class	Exception behavior	Type	Number	Text
1.0000000000	✓	BisValidationMdmDifference	Continue	Warning	0	Data is different comparing to target.

5. Known issues

5.1 An issue with the form mapping recorder

When starting the recorder for the form mapping a fatal error can occur. This mainly happens if the message is opened via the workspace of BIS. If the message is opened via the BIS menu the error does not occur.

5.2 D365 new grid functionality affects navigation between our forms

Remark: **The AS2 Option in the webservice setup is obsolete. Use the new AS2 app to send and retrieve the data to TIE kinetics. Contact To-Increase to retrieve the app installer and manual**

Microsoft has introduced a new grid control, currently in public preview (feature management), and will be made generally available in future releases. We are currently testing new control and found a few issues which are reported to Microsoft. Once the feature is enabled at the customer end and in case of any issues kindly report to Microsoft. If the issue is related to To-Increase solutions kindly report it to us as well.

5.3 AS2 not able to send UTF8 format

This option will be replaced by the new App service which can send and receive data.

Due to a mismatch with third party DLL, which are also added by Microsoft, the sending of encrypted data is done in Unicode and not in UTF8 format. To send the correct encoding a newer version is needed.

5.4 Delivered models

The solution has four models. All four models need to be installed. The models are

1. Business Integration Labels. Contains only the labels of BIS and MDM
2. Business Integration Licenses. Contains the To-Increase certificate. Do not confuse this with the licenses to activate the BIS components.
3. Business Integration. Contains the logic for Connectivity and EDI
4. Business Integration MDM. Contains the logic for Master Data Management.

The solution contains the deployable package and the code of three models. The code of the model 'Business Integration Licenses' is not delivered. If for some reason BIS code is needed, the best practice is

1. Install the Deployable package.
2. Install the Code of the three models.

5.5 Feature management

Microsoft is continuously adding new features in the application directly and via Feature Management. Sometimes these are public previews and will be made generally available in future releases, in other cases, they are already generally 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 in the customer environment and any issues or questions related to new standard features and our solutions emerge, kindly contact us via To-Increase support.

5.6 TLS 1.2 is required for the web service

Since august MS is deprecating the use of TLS 1.1. Our BIS product will not be affected by this change. However, the Inbound App service does have an issue with this. Therefore, the new version is required to be installed.

If you are using an inbound application provided by To-Increase please reach out to our support to get a new version based on your setup.