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Cepheo Global Data Management

Releasenote
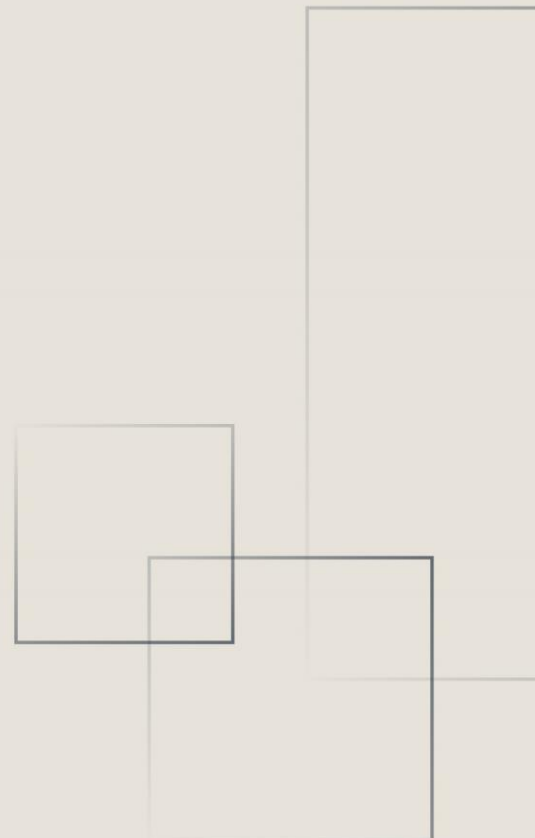
October 2025

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GENERAL

This document describes the features that are either new or changed in the release version mentioned.

The releases are in descending order in this document, meaning you will always find the latest release in start of the document.

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VERSION 10.42.66.1 (10.0.20251002.1)

Build 10.0.20250715.1

LCS Solution Package V11

CEPHEO GDM 10.42.66.1

Compatibility standard versions

This version has been verified on the following standard Microsoft versions:

D365 Application	Version
Microsoft Dynamics 365 Project Operations, Finance and Supply chain management	**Version 10.0.42 and later**

Features and improvements

Functionality	Description
WHSInventTable update conflict (62276)	**PROBLEM** Unable to push items to local companies with the WHSInventTable involved and other specific configurations applied. **DESCRIPTION OF CHANGE** Fix was implemented, that resolves the issue where updates failed due to validation and write operation conflicts, ensuring smoother data handling.
"Vendors on hold" not opening on local companies (62439)	**PROBLEM** "Vendors on hold" form is not accessible in specific configurations **DESCRIPTION OF CHANGE** Users can now access the "Vendors on hold" feature for local companies without issues, resolving previous access limitations. This fix ensures that local company users can effectively manage vendor status, enhancing usability.
Cannot open "All customers" form on local companies (62470)	**PROBLEM** Cannot open "All customers" form when "Allow create" is set to "Allow create global from local" on "CustTable" table. **DESCRIPTION OF CHANGE** Fixed an issue with GDM controls when loading the form.
InventItemBarcode - record updates processing/recreation problem (61977)	**PROBLEM** Push of "InventItemBarcode" table records was not possible with some specific GDM configurations. **DESCRIPTION OF CHANGE** Barcode updates now process reliably, resolving previous issues with record updates and recreation in the InventItemBarcode module. This

fix ensures accurate data handling and prevents disruptions in barcode management workflows.

Storage dimension group for item - update conflict error (62259)	**PROBLEM** Push of "EcoResStorageDimensionGroupItem" table records was not possible with some specific GDM configurations. **DESCRIPTION OF CHANGE** Updating storage dimension group items now resolves previous update conflict errors, ensuring smoother inventory management processes. This fix eliminates validation and transaction bottlenecks, improving system stability and user experience.
Skipping creation of Record updates if Push type is Manual (62061)	**PROBLEM** Performance issues on systems with big amount of "Record updates" records created, which are never synchronized due to the configuration **DESCRIPTION OF CHANGE** Manual push operations now skip creation of unnecessary record updates, streamlining processes and reducing overhead for users managing data manually. This change minimizes system resource usage during manual updates, enhancing efficiency and user experience.
Limit recreation of Record updates when changing Company groups (62337)	**PROBLEM** Operation of updating Record updates based on current state of Selection criteria configuration is taking too much time **DESCRIPTION OF CHANGE** "Recreate company updates" task has received new parameter "Company" to allow to narrow the scope of the operation and trigger fewer unnecessary record updates, optimizing update processes and reducing system load. Performance gains are mostly visible on scenarios of adding/removing companies to company groups which is using this batch job on backend.
Company distribution - add support for cross-company tables (62394)	**PROBLEM** Unable to define company distribution table, that is set to be cross-company. **DESCRIPTION OF CHANGE** GDM now correctly supports to use cross-company tables as company distribution mapping tables.

VERSION 10.39.6 (10.0.20250715.1)

Build 10.0.20250715.1

LCS Solution Package V10

CEPHEO GDM 10.39.63.6

Compatibility standard versions

This version has been verified on the following standard Microsoft versions:

D365 Application	Version
Microsoft Dynamics 365 Project Operations, Finance and Supply chain management	**Version 10.0.39 and later**

Features and improvements

Functionality	Description
Null object instance on GDM control creation (62195)	**PROBLEM** An exception was thrown on some forms, that has GDM enabled **DESCRIPTION OF CHANGE** Fixed an issue, which was causing the problem
GDM settings not respected for PurchRFQParameters (62002)	**PROBLEM** Some fields became editable on local companies even though it supposed to be not editable due to the table configuration. **DESCRIPTION OF CHANGE** Logic was changed to correctly apply the configuration of field editability on local companies.
Can't access "global dimension attributes" or "replication setup" with Cepheo Global Data Management administrator role (62033)	**PROBLEM** Not possible to edit "global dimension attributes" or "replication setup" with Cepheo Global Data Management administrator role **DESCRIPTION OF CHANGE** Fixed an issue with missing security endpoints on Management form.
Investigate current GDM sync of dimensions vs. rebuild dimension values in local companies (53058)	**PROBLEM** When pushing the financial dimension values, GDM is handling them using the Dimension tables buffer CRUD operations directly, which is against programming best practices. **DESCRIPTION OF CHANGE** GDM is now using DimensionAttributeValueSetStorage class for financial dimension set value manipulation.

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Storage/tracking dim group on item does not respect global setting in GDM (62152)

PROBLEM
GDM would not respect Replication type settings for item's Storage dimension group and Tracking dimension group.

DESCRIPTION OF CHANGE
Storage/Tracking dimension group for the item now follows GDM setup (global/local).Replication type configuration for Default order settings has been fixed.

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VERSION 10.39.5 (10.0.20250611.1)

Build 10.0.20250611.1

LCS Solution Package V9

CEPHEO GDM 10.39.63.5

Compatibility standard versions

This version has been verified on the following standard Microsoft versions:

D365 Application	Version
Microsoft Dynamics 365 Project Operations, Finance and Supply chain management	**Version 10.0.39 and later**

Features and improvements

Functionality	Description
Global replication type not respected for Default order settings (released item)	**PROBLEM** GDM would not respect Replication type setting on Default orders settings for an item. With Global setting it would still allow local data edit. **DESCRIPTION OF CHANGE** Default order settings form will now follow Replication type setting in GDM configuration.
GDM skips validation on Storage dimension group change (Released item)	**PROBLEM** GDM would ignore standard validation for Storage dimension group change done through a push/pull from global company. This could allow values inconsistent with the inventory management policy. **DESCRIPTION OF CHANGE** GDM will now throw a standard validation error upon Storage dimension group change push/pull to local companies. This will prevent potential inconsistency in inventory.
Record updates do not show correct data (wrong data source)	**PROBLEM** Record updates form in a specific context would show no records at all or ones for the wrong datasource. **DESCRIPTION OF CHANGE** Record updates form would now show correct entries, regardless of the context.

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MCRInventTable "The value 'globalvalue' in field 'Reference' is not found in the related table 'Items' Error	**PROBLEM** GDM would allow blank entries in Default values for tables. This would result in errors upon data push. **DESCRIPTION OF CHANGE** GDM will not allow blank entries to be saved under Default values setting.
Default order settings	**PROBLEM** GDM would not respect Replication type setting for the Default order settings form fields. **DESCRIPTION OF CHANGE** Replication type configuration for Default order settings has been fixed.
Performance improvments to handling forms with multiple sources	**PROBLEM** GDM would present performance problems resulting from the support for multiple datasources on forms. **DESCRIPTION OF CHANGE** Parameter has been introduced to enable/disable support for multiple datasources on forms. Additionally, layout of the buttons in multiple datasource mode has been optimized.
Push data button doesn't work when only manual push type is set in the selection criteria	**PROBLEM** Pending record updates would not get pushed in PurchRFQParameters table, with the push method set to Manual. **DESCRIPTION OF CHANGE** Push of record updates for PurchRFQParameters table has been fixed.

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VERSION 10.39.4 (10.0.20250411.2)

Build 10.0.20250411.2

LCS Solution Package V8

CEPHEO GDM 10.39.63.4

Compatibility standard versions

This version has been verified on the following standard Microsoft versions:

D365 Application	Version
Microsoft Dynamics 365 Project Operations, Finance and Supply chain management	**Version 10.0.39 and later**

Features and improvements

Functionality	Description
Company distribution - selection criteria new feature to support unified setup for granular record distribution	**PROBLEM** Advanced scenarios of distributing data for companies, when it is required to granularly choose, which record should go to which company is complicated and hard to maintain. **DESCRIPTION OF CHANGE** Company distribution settings has been added to "Selection criteria" form, from where with single configuration entry it is possible run custom distribution rules to by defining mapping table.
Company (group) driven replication type	**PROBLEM** GDM only allows to set field replication type regardless the company. **DESCRIPTION OF CHANGE** New replication type is introduced, that allows to choose if field is replicated or not (Local/Global) for each Company Group independently.

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VERSION 10.39.3 (10.0.20250304.2)

Build 10.0.20250304.2

LCS Solution Package V7

CEPHEO GDM 10.39.63.3

Compatibility standard versions

This version has been verified on the following standard Microsoft versions:

D365 Application	Version
Microsoft Dynamics 365 Project Operations, Finance and Supply chain management	**Version 10.0.39 and later**

Features and improvements

Functionality	Description
Performance improvements on UI, part 2	**PROBLEM** Opening time or/and record change on some forms with GDM-enabled datasources would take unreasonably long time to process. **DESCRIPTION OF CHANGE** Code optimization was implemented to further minimize times of form loading, when datasources are controlled by GDM.

VERSION 10.39.2 (10.0.20250225.3)

Build 10.0.20250225.3

LCS Solution Package V6

CEPHEO GDM 10.39.63.2

Compatibility standard versions

This version has been verified on the following standard Microsoft versions:

D365 Application	Version
Microsoft Dynamics 365 Project Operations, Finance and Supply chain management	**Version 10.0.39 and later**

Features and improvements

Functionality	Description
Performance Issues on Released Product	**PROBLEM** Opening time or/and record change on some forms with GDM-enabled datasources would take a long time to process. **DESCRIPTION OF CHANGE** Fixed a performance issue when opening a form or changing selected record on the datasource. Fix applies mostly to "Released products" form, but general performance improvements should also be present on other forms with GDM-controlled tables.
The periodic job Cleanup event log is not working when deleting large amounts of record	**PROBLEM** Cleanup event log job would crash or take unreasonably long time when processing large number of records in the event log. **DESCRIPTION OF CHANGE** Cleanup event log feature was redesigned to improve the performance of cleaning routines, based on direct SQL statements. TRUNCATE command would be used instead of DELETE if cleanup applies to all event log entries.

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VERSION 10.39.1 (10.0.20241101.1)

Build 10.0.20241101.1

LCS Solution Package V5

CEPHEO GDM 10.39.63.1

Compatibility standard versions

This version has been verified on the following standard Microsoft versions:

D365 Application	Version
Microsoft Dynamics 365 Project Operations, Finance and Supply chain management	**All versions up to 10.0.41**

Features and improvements

Functionality	Description
Enable AllowRowVersionChangeTracking	**PROBLEM** Export to Data Lake add-in is deprecating on November 1, 2024. **DESCRIPTION OF CHANGE** Migrated over to D365FO —> Dataverse --> Synapse Link, all GDM tables have "row version change tracking" enabled
Handling forms with multiple tables/datasources	**PROBLEM** It is only possible to push/pull/browse record updates for primary datasource directly on a given form. Data push/pull/record updates for other datasources for the multi-datasource forms would only be available in the GDM table setup page. **DESCRIPTION OF CHANGE** Data push/pull/browsing record updates are now supported directly on a given form for all GDM defined datasources.
Open table browser from Management form	**PROBLEM** It is required to provide easy access to data in specific tables/companies to facilitate push/pull operations within GDM. **DESCRIPTION OF CHANGE** GDM has been equipped with Table browser functionality. It can be accessed from the GDM table definition level and record updates page. Both global and local companies data can be browsed.
Deletion level not respected for Tax* tables	**PROBLEM** GDM would not respect "Only global (cascade)" setting and allow deletion in local companies in some cases. **DESCRIPTION OF CHANGE**

"Only global (cascade)" setting for the table will not allow any deletion action on the local company level anymore.

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VERSION 10.33.3 (10.0.20240208.1)

Build 10.0.20240208.1

LCS Solution Package V4

CEPHEO GDM 10.33.57.3

Compatibility standard versions

This version has been verified on the following standard Microsoft versions:

D365 Application	Version
Microsoft Dynamics 365 Project Operations, Finance and Supply chain management	**Version 10.0.38**

Features and improvements

Functionality	Description
Performance improvements for large datasets	PROBLEM GDM Monitoring workspace would not always show accurate numbers in tile counters (Synchronized/Waiting/Failing/All record updates) when large data volumes are processed DESCRIPTION OF CHANGE The performance of the GDM Monitoring workspace has been improved to update tile counters better.

VERSION 10.33.2 (10.0.20240126.1)

Build 10.0.20240126.1

LCS Solution Package V3

CEPHEO GDM 10.33.57.2

Compatibility standard versions

This version has been verified on the following standard Microsoft versions:

D365 Application	Version
Microsoft Dynamics 365 Project Operations, Finance and Supply chain management	**Version 10.0.38**

Bugfixes

Functionality	Description
Push data putton on GDM defined form is taking the table fom primary datasource instead	PROBLEM Wrong table name would be shown when pushing records for VendParameters form. Primary data source would be displayed, which might not be the one configured against the form. DESCRIPTION OF CHANGE Push data form would now display correct table name, according to the current setup in GDM Management..
Missing access to Cleanup event log - GDM admin role	PROBLEM Cleanup event log menuitem is not available for the user with Cepheo Global Data Management administrator role privileges granted. The menuitem would only appear on the System administrator privileges. DESCRIPTION OF CHANGE Cepheo Global Data Management administrator role gives access to Cleanup event log menuitem now.
VendParameters - cannot push/see context for push	PROBLEM There are no tabs (New/Modified/All) displayed when trying to push data for Accounts payable parameters form. Also, Record updates form would not show entries for the table configured against the form. DESCRIPTION OF CHANGE Fabs (New/Modified/All) under Push data and Record updates are now properly displayed for Accounts payable parameters form, in accordance with the setup made in GDM module.
Error on Record update form - The field with ID '0' does not exist in table 'VendParameters'	PROBLEM There's an error message "The field with ID '0' does not exist in table 'VendParameters'" being displayed when: • There are pending updates in the TGDCompanyUpdate table • Record updates form is opened DESCRIPTION OF CHANGE

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Opening Record updates form no longer results in error messages being displayed for VendParameters table.

Can't go one step back when a change is done in customer masterdata and supplier masterdata	PROBLEM Storage/Tracking dimension group and Reservation hierarchy could be modified in local companies, even though the tables' setup did not allow that. DESCRIPTION OF CHANGE Storage/Tracking dimension group and Reservation hierarchy now follow the tables' setup in GDM. If local edit is not allowed, the fields would be grayed out and changes could be introduced only through a push from global company.
Cannot manually push delete TaxOnItem entries for TaxItemGroupHeading	PROBLEM Ability to manually push deletions of TaxOnItem entries on TaxItemGroupHeading was not supported. The only way to push deletions was through a batch job. DESCRIPTION OF CHANGE TaxOnItem deletions can now be pushed manually to local companies

Features and improvements

Functionality	Description
Attachments not synchronized when attachment synchronization is enabled for a table	PROBLEM If there are attachments added (with their synchronization turned off in GDM table settings), they would not be automatically pushed to local companies when the synchronization is turned back on again DESCRIPTION OF CHANGE Synchronization of outstanding attachments would now be resumed once the setting is turned on in table settings in GDM parameters. This would happen upon manual or batch push of record updates

VERSION 10.33.1 (10.0.20230922.1)

Build 10.0.20230922.1

LCS Solution Package V2

CEPHEO GDM 10.33.57.1

Compatibility standard versions

This version has been verified on the following standard Microsoft versions:

D365 Application	Version
Microsoft Dynamics 365 Project Operations, Finance and Supply chain management	**Version 10.0.36:** 10.0.1695 ([KB]) ([What's New Finance]) ([What's New Supply Chain]) ([What's New Platform update])
Microsoft Dynamics 365 Project Operations, Finance and Supply chain management	**Version 10.0.35:** 10.0.1627 ([KB]) ([What's New Finance]) ([What's New Supply Chain]) ([What's New Platform update])
Microsoft Dynamics 365 Project Operations, Finance and Supply chain management	**Version 10.0.34:** 10.0.1591 ([KB]) ([What's New Finance]) ([What's New Supply Chain]) ([What's New Platform update])
Microsoft Dynamics 365 Project Operations, Finance and Supply chain management	**Version 10.0.33:** 10.0.1549 ([KB]) ([What's New Finance]) ([What's New Supply Chain]) ([What's New Platform update])

Bugfixes

Functionality	Description
Default values - forcing direct value copying if having a wrong config	PROBLEM When default value had been cleared for a table, it has not deleted the corresponding entry in the database. DESCRIPTION OF CHANGE Delete button has been added to the default values form. When a record is deleted using the button, it would clear entry in the database as well.
Dimension handling fails when table-backed dimension is defined multiple times in Dimension Hierarchy	PROBLEM Data push fails when table derived financial dimension is active. For instance, Vendor cannot be pushed to local company if there's a Vendor financial dimension activated. DESCRIPTION OF CHANGE Push operation does not crash now when the table sourced financial dimension is active. Vendor record would be pushed succesfully when using the Vendor dimension.
InventModelGroupItem synchronization is not correctly created on local company, causing issues to code extensions	PROBLEM Not possible to synchronize released item with the local company due to an Item model group related error message. DESCRIPTION OF CHANGE Fixed so that release item synchronization to local company no longer fails with the Item model group related error.

GDM monitoring workspace privillege missing	PROBLEM GDM Monitoring workspace not available on Cepheo Global Data Management administrator role. DESCRIPTION OF CHANGE Security priviledges are now correctly configured so the workspace is made available under the role (along with all its components inside).
Can't go one step back when a change is done in customer masterdata and supplier masterdata	PROBLEM Not possible to close the customer master form in the company being part of the GDM Company group. Using the "Back" button has no effect. DESCRIPTION OF CHANGE Fixed so that the form can be closed to reveal the underlying page."Back" button now fully operational.
Security issue related to viewing suppliers caused by GDM	PROBLEM Not possible to open up the Supplier form in the legal entity being part of the GDM Company group. Even though the security setup on the user is sufficient, the action would result in missing permission error being displayed. DESCRIPTION OF CHANGE Fixed so the Supplier form will open up properly with no errors.

Features and improvements

Functionality	Description
Importing files relating to DXC Global Data Management	PROBLEM Import (DMF) of definitions for Selection management and Company group lines results with an error. DESCRIPTION OF CHANGE Data entities for Selection management and Company group lines have been fixed. Import of data no longer results with an error.

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VERSION 10.30.1 (10.0.20230427.1)

Build 10.0.20230427.1

LCS Solution Package V1

CEPHEO GDM 10.30.54.1

Compatibility standard versions

This version has been verified on the following standard Microsoft versions:

D365 Application	Version
Microsoft Dynamics 365 Project Operations, Finance and Supply chain management	**Version 10.0.33:** 10.0.1549 (KB) (What's New Finance) (What's New Supply Chain) (What's New Platform update)
Microsoft Dynamics 365 Project Operations, Finance and Supply chain management	**Version 10.0.32:** 10.0.1515 (KB) (What's New Finance) (What's New Supply Chain) (What's New Platform update)
Microsoft Dynamics 365 Project Operations, Finance and Supply chain management	**Version 10.0.31:** 10.0.1406 (KB) (What's New Finance) (What's New Supply Chain) (What's New Platform update)
Microsoft Dynamics 365 Project Operations, Finance and Supply chain management	**Version 10.0.30:** 10.0.1362 (KB) (What's New Finance) (What's New Supply Chain) (What's New Platform update)

Bugfixes

Functionality	Description
Deleting legal entity prevented by GDM	PROBLEM Not possible to delete a legal entity which is not part of any GDM Company group DESCRIPTION OF CHANGE Fixed so that a legal entity can be deleted as expected.
Item tracking, Storage dimension group and Item model group assigned to item are part of GDM replication while this is not setup	PROBLEM Item tracking, Storage dimension group and Item model group assigned to a new item in global company is inserted on the item in local company, even when these tables are deactivated and relations to these are removed from InventTable in the GDM setup. These groups are not part of the synchronization of existing items with this setup, as expected, but are part of the initialization of new items in local companies. DESCRIPTION OF CHANGE This issue is related to a previous change to handle a validation change in standard which was shipped with version 10.0.16 (BUG 47543 Shelf life issues on 10.0.16), since these related tables with this change had to be pre-initialized when data is inserted in the field 'Shelf advice period in days' or 'Shelf life period in days' on an item prior to first push. The code is now changed to only execute this pre-initialization if one of the 'Shelf life' fields has data. Note that these groups will still be pre-initialized, even when not configured so in GDM setup, when one of the 'Shelf life' fields has data.

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Features and improvements

Functionality	Description
Upgrade basis to 10.0.30	Upgraded basis to newer version, Cepheo Advanced Project Management is now compatible with minimum standard version 10.0.30

VERSION 10.18.5 (10.0.20221123.1)

Build 10.0.20221123.1

LCS Solution Package V5

CEPHEO GDM 10.18.42.5

Compatibility standard versions

This version has been verified on the following standard Microsoft versions:

D365 Application	Version
Microsoft Dynamics 365 Project Operations, Finance and Supply chain management	**Version 10.0.33:** 10.0.1549 ([KB](#)) ([What's New Finance](#)) ([What's New Supply Chain](#)) ([What's New Platform update](#))
Microsoft Dynamics 365 Project Operations, Finance and Supply chain management	**Version 10.0.32:** 10.0.1515 ([KB](#)) ([What's New Finance](#)) ([What's New Supply Chain](#)) ([What's New Platform update](#))
Microsoft Dynamics 365 Project Operations, Finance and Supply chain management	**Version 10.0.31:** 10.0.1406 ([KB](#)) ([What's New Finance](#)) ([What's New Supply Chain](#)) ([What's New Platform update](#))
Microsoft Dynamics 365 Project Operations, Finance and Supply chain management	**Version 10.0.30:** 10.0.1362 ([KB](#)) ([What's New Finance](#)) ([What's New Supply Chain](#)) ([What's New Platform update](#))
Microsoft Dynamics 365 Project Operations, Finance and Supply chain management	**Version 10.0.29:** 10.0.1326 ([KB](#)) ([What's New Finance](#)) ([What's New Supply Chain](#)) ([What's New Platform update](#))
Microsoft Dynamics 365 Project Operations, Finance and Supply chain management	**Version 10.0.28:** 10.0.1264 ([KB](#)) ([What's New Finance](#)) ([What's New Supply Chain](#)) ([What's New Platform update](#))
Microsoft Dynamics 365 Project Operations, Finance and Supply chain management	**Version 10.0.27:** 10.0.1227 ([KB](#)) ([What's New Finance](#)) ([What's New Supply Chain](#)) ([What's New Platform update](#))
Microsoft Dynamics 365 Project Operations, Finance and Supply chain management	**Version 10.0.26:** 10.0.1192 ([KB](#)) ([What's New Finance](#)) ([What's New Supply Chain](#)) ([What's New Platform update](#))
Microsoft Dynamics 365 Project Operations, Finance and Supply chain management	**Version 10.0.25:** 10.0.1149 ([KB](#)) ([What's New Finance](#)) ([What's New Supply Chain](#)) ([What's New Platform update](#))
Microsoft Dynamics 365 Project Operations, Finance and Supply chain management	**Version 10.0.24:** 10.0.1084 ([KB](#)) ([What's New Finance](#)) ([What's New Supply Chain](#)) ([What's New Platform update](#))
Microsoft Dynamics 365 Project Operations, Finance and Supply chain management	**Version 10.0.23:** 10.0.1037 ([KB](#)) ([What's New Finance](#)) ([What's New Supply Chain](#)) ([What's New Platform update](#))

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D365 Application	Version
Microsoft Dynamics 365 Project Operations, Finance and Supply chain management	**Version 10.0.22:** 10.0.995 ([KB](#)) ([What's New Finance](#)) ([What's New Supply Chain](#)) ([What's New Platform update](#))
Microsoft Dynamics 365 Project Operations (Stand-alone FO), Finance and Supply chain management	**Version 10.0.21:** 10.0.960 ([KB](#)) ([What's New Finance](#)) ([What's New Supply Chain](#)) ([What's New Platform update](#))
Microsoft Dynamics 365 Project Operations (Stand-alone FO), Finance and Supply chain management	**Version 10.0.20:** 10.0.886 ([KB](#)) ([What's New Finance](#)) ([What's New Supply Chain](#)) ([What's New Platform update](#))
Microsoft Dynamics 365 Project Operations (Stand-alone FO), Finance and Supply chain management	**Version 10.0.19:** 10.0.837 ([KB](#)) ([What's New Finance](#)) ([What's New Supply Chain](#)) ([What's New Platform update](#))
Microsoft Dynamics 365 Project Operations (Stand-alone FO), Finance and Supply chain management	**Version 10.0.18:** 10.0.793 ([KB](#)) ([What's New Finance](#)) ([What's New Supply Chain](#)) ([What's New Platform update](#))

Bugfixes

Functionality	Description
Apply template to a released product in a local company doesn't respect GDM Replication type	PROBLEM When applying a record template to a released product through the 'Apply template' feature in a local company, all values are changing towards the values of the template, even for fields set as managed globally in the field setup in GDM management. This is inconsistent with GDM philosophy and should only happen in the global company. DESCRIPTION OF CHANGE Fixed the code for the 'Apply template' feature to allign with the standard GDM handling of Replication type.

Features and improvements

Functionality	Description
Improve logging for insertion conflicts	If a unique index is violated, and the record with the same unique index already exist in local company, then the record cannot be pushed. This can happen in scenarios where 'Allow create local records' is enabled for a table. A new feature has been added to improve the logging and information to users for such insertion conflicts, including both an improved error message and the possibility to navigate to the exact record in local company from the 'Show events' section for 'Failing record updates' in the GDM monitoring workspace.

OLDER VERSIONS

17 October 2022

Version number: DXC GDM 10.18.42.4

Build number: 10.0.20221011.1

Released product fails the validation, when InventModelGroupItem's dataAreaField is used to resolve target company

PROBLEM

System is not allowing to let InventModelGroupItem record when creating new relesed product. Probably it has something in common with the DataAreaField on the configuration of InventModelGroupItem table.

DESCRIPTION OF CHANGE

Investigation revealed that root cause of this issue was that the DAT company was added to a company group. Issue is fixed by excluding DAT company from selection for Company groups.

Cannot close form using X button

PROBLEM

Not possible to close the Vendors form as usual if the form is refreshed by the refresh button.

DESCRIPTION OF CHANGE

Fixed so that the x button closes the form also when the form has been refreshed.

Lookup doesn't work if it's datasource table allows to create local records

PROBLEM

Vendor Bank accounts are not possible to choose from lookup on vendor in local company when Vendor Bank accounts are created in local company for that vendor, and Replication type is set to 'Local' for VendTable. Vendor Bank account can be inserted manually without lookup.

DESCRIPTION OF CHANGE

Fixed lookup so that record can be selected.

14 September 2022

Version number: DXC GDM 10.18.42.3

Build number: 10.0.20220914.1

Bugs

Storage Dimension Group not pushed from Default values

PROBLEM

Storage dimension group is blank in local company, even though it's specified in Default values

DESCRIPTION OF CHANGE

Some tables requires default values to be specified with correct RecId instead of the value of the primary key. Validation is added to the Default values form to check if the specified value is valid, and a dropdown with available values are added as well. A Storage dimension group must still be inserted in the released product in global company in order to make the GDM framework detect that there is a record to be synchronized for this table, before the Default value can be selected.

CustInterestVersion - sync and mapping issues

PROBLEM

Synchronization error when synchronizing Cust interest code with several versions.

DESCRIPTION OF CHANGE

Issues related to mapping of RefRecId detected and resolved

Reservation hierarchy sync issues

PROBLEM

Error message when trying to synchronize Reservation hierarchy with released product, and default values are not pushed to local company.

DESCRIPTION OF CHANGE

Regression error is resolved with bugfix 53965 Cross company tables with the Data Area Field defined synchronizing issue. Default values form is improved through bugfix 54078 Storage Dimension Group not pushed from Default values, but GDM framework still requires that a record is due to be synchronized before default values can be inserted as a replacement for original value.

Deletion of attachments & certificates in GDM

PROBLEM

The deletion of local attachments is performed synchronously immediately after removing it from global company. Depending on amount of companies, it might be a quite intensive work to be done for an environment with a lot of companies configured in GDM.

DESCRIPTION OF CHANGE

The responsibility of removing unnecessary attachments is moved to the GDM batch synchronization task, or through manual synchronization.

27 June 2022

Version number: DXC GDM 10.18.42.2

Build number: 10.0.20220627.1

New features

Control content of Default Financial Dimensions

A new Replication type called 'Global dimension attributes' is introduced, and is available to use for Data field name 'DefaultDimension' in the Field setup section of the GDM Management form. When this Replication type

is selected, a new setup is made available where each individual Default Financial dimension may be specified to be either copied or not copied from global to local company, together with the parent record, and this configuration may be set up for all companies, or differentiated either per company or Company group.

Bugs

Index name is not automatically populated when using add entity

PROBLEM

When using the 'Add entity' function in GDM Management form, the 'Index name' is not automatically populated. Since this field is mandatory and ineditable after adding a table with the 'Add entity' function, the process is blocked

DESCRIPTION OF CHANGE

'Index name' is automatically populated when using the 'Add entity' function in GDM Management.

Share supplier 'Print management setup' via GDM

PROBLEM

The 'Batch push data - multithreaded' job is failing when trying to push 'Print management setup' with vendor synchronization, while the 'Improved performance' parameter is enabled.

DESCRIPTION OF CHANGE

Fixed so that the Print management setup might be synchronized together with vendors also through 'Batch push data - multithreaded' the without error, also while the 'Improved performance' parameter is enabled.

GDM default values - Site and Warehouse

PROBLEM

When Default values are specified for 'InventDimIdDefault' on either 'InventItemPurchSetup', 'InventItemInventSetup' or 'InventItemSalesSetup', only Site gets the Default value on the item in local company

DESCRIPTION OF CHANGE

Fixed so that both Site and Warehouse from Default values are applied on items in local company.

Nothing recreated in 'Record updates' when Selection criteria is activated in a cross company table where 'Data area field' is set up

PROBLEM

When table is cross company, and but has "Data area field" set up in the GDM Management form, then no records will be re-created in "Record updates" on criteria activation

DESCRIPTION OF CHANGE

Recreation issue is resolved also for cross company tables where 'Data area field' is set up

Deactivated records are still synchronized

PROBLEM

When a record with Update type = Delete in Record update is removed and get the 'Not in use' flag enabled, it is still processed by the synchronization jobs. The result can then be that synchronization is blocked due to cancelled records in Record updates, which are not allowed to be deleted in local company

DESCRIPTION OF CHANGE

Record updates where Not in use = true is no longer processed by the synchronization jobs.

When activating new criteria for table, no "company update" records will be created

PROBLEM

When a 'Selection criteria' is enabled for a table which is set up in GDM Management, the code which determines the records to be created in Record updates doesn't consider the table relation. Therefore, if a record with the same RecId, but in a different table, already exist in Record updates, it will not be created.

DESCRIPTION OF CHANGE

Code is fixed to also consider table relation when activating a 'Selection criteria'

Deleting document attachments fails on GDM-enabled table

PROBLEM

When attempting to remove an attachment from a record in a GDM enabled table which is set up to synchronize documents, an error occurs and the attachment is not possible to remove.

DESCRIPTION OF CHANGE

Code is fixed and it is now possible to remove the attachment from the record in global company if needed.

Allow create local records parameter enables edit in local company for global records

PROBLEM

If 'Allow create' is set to 'Allow create local records', then in local company it is possible to create a new record as well as modify any field of the records that previously were created and synchronized from the master data company.

DESCRIPTION OF CHANGE

When 'Allow create' is set to 'Allow create local records', then the records which were created in local company may be modified, while the records created and pushed from the master data company can only be modified if the 'Replication type' for that particular field is set to 'Local'.

Improvements

Add contacts

When the 'Allow create' parameter is set to either 'None' or 'Allow create global from local' on table ContactPerson, then the 'Add contacts' button is now disabled in the Contacts dropdown on the ribbon of vendor and customer forms in local companies.

31 January 2022

Version number: DXC GDM 10.18.42.1

Build number: 10.0.20220131.1

The release includes the following:

Automatic retries on batch jobs

CHALLENGE

In version 10.0.18 of D365, batch job framework introduces support for retriable tasks. To support that, a minor change to "Push data" task must be implemented.

To read more, see Automatic retry settings for batch jobs - Dynamics 365 Release Plan | Microsoft Docs

DESCRIPTION OF CHANGE

Both standard and multi-threaded "push data" jobs were implemented to support the possibility of automatically retry. Additionally, standard "Push data" job were migrated from classic "RunBaseBatch" pattern to "SysOperation" pattern.

Records in related tables are not deleted

PROBLEM

If customer had DXC GDM 10.14.38.3 installed and SQL triggers were updated after installation, when removing records from master company, local records were not removed.

DESCRIPTION OF CHANGE

Code responsible for creating SQL triggers for GDM-controlled tables is fixed.

Reset query in Selection management

PROBLEM

When clicking the 'Reset' button in the query form in 'Selection management', then a wrong table is shown. The form has to be closed and reopened again for the reset of the query is in place

DESCRIPTION OF CHANGE

Fixed issue so that the original query is applied in the form when clicking the 'Reset' button

GDM setup of VendCategory table

PROBLEM

When adding new table configuration on GDM Management form, error message was displayed. Furthermore, new categories added to a vendor is not logged as 'New' in the 'Push data' form.

DESCRIPTION OF CHANGE

Error when adding the VendCategory table to the GDM setup is fixed, and when categories are added to a vendor they are now logged as 'New' in the 'Push data' form.

11 January 2022

Version number: DXC GDM 10.14.38.3

Build number: 10.0.20211223.1

DXC made an mistake loading the wrong deployable package. This is now corrected

23 December 2021

Version number: DXC GDM 10.14.38.2

Build number: 10.0.20211223.1

The release includes the following:

BUGFIXES

Refresh entity cause error by GDM

PROBLEM

Users cannot fully use the 'Refresh entity list' functionality. Each time they try to run it in non-Production environments (after the earlier database refresh), they receive the error message 'Cannot create a record in Target XML (DMFTargetXML). Entity: Definition Groups, DESCRIPTION. The record already exists.'

DESCRIPTION OF CHANGE

Issue fixed so that the 'Refresh entity list' can run without error

Manual pull does not pull records

PROBLEM

When parameter 'Improved performance' is enabled, the manual pull doesn't always work

DESCRIPTION OF CHANGE

When 'Improved performance' is enabled, the local company record wasn't considered. Added condition to consider local company and select correct criteria when running synchronization or manual push or pull, when 'Improved performance' is enabled.

IMPROVEMENTS

Improved mapping of record updates to existing Foreign record ID

When a record in a table is connected to a related table by the RecId, and the related record already exists in the local company, then this record needs to be mapped to the related record in the local company even though the Foreign record ID is not identified by GDM at this point. GDM synchronization will now be able to identify the Foreign Rec ID if it exists in the local company, or create a new record if it doesn't, based on the related record's RecID in the local company.

Keep batch job running

A new parameter 'Keep batch job running' is added to the GDM parameters. When enabled, then the 'Batch push data' jobs will continue processing the waiting record updates for the current company, even if a critical error occurs on one record during synchronization.

Jumpref and data title fields in Record updates

Standard data title fields for D365FO records are now implemented in the 'Record updates' form, for better information and identification of records. In addition, it is now possible to navigate directly to the specific record by clicking the link on the 'Global record ID'.

Clean tables for reference when deleting legal entity

If a legal entity is deleted, then the company is automatically removed from the GDM Company groups, and references in GDM tables are now cleaned up as well as part of the process.

NOTE: It is necessary to run the 'Update triggers' job from the Global data management/Periodic menu after installation of new GDM version, in order to let the changes take effect.

NEW FEATURES

GDM workspace for monitoring and follow-up

The new GDM workspace provides various KPI's and lists of synchronization issues and error logs for easier follow-up and correction of issues. Logging of synchronization issues is enabled by the 'Logging enabled' parameter in GDM parameters.

10 November 2021

Version number: DXC GDM 10.14.38.1

Build number: 10.0.20211109.1

Limit maximum number for threads for the 'Batch push data - multi-threaded' job

A new GDM parameter 'Maximum batch threads' has been added to limit how many threads the 'Batch push data - multi-threaded' job can utilize, in order to ensure that there are available threads left for other batch jobs to be processed simultaneously. If the parameter is left blank, then all available threads will be utilized as before.

GDM Performance improvement

Caching level reset back to 'NotInTTS' from 'EntireTable' for TGDCompanyUpdate table. Additionally, minor adjustments are done to the 'Clean up company updates' job.

Reduce how often the Creation of the Record updates job is executed in Selection management

The asynchronous job 'Creation of the Record updates' were initiated whenever a record change was saved in the Selection management form. The result was that the job might be executed several times during maintenance of the setup, and this could be confusing to the user. This behavior has now been improved to ensure that the job is only executed when the changes made require an update of the Record updates to be aligned with the current setup.

26 August 2021

Version number: DXC GDM 10.6.30.9

Build number: 10.0.20210826.2

NEW FEATURES

Batchjob to identify and delete duplicate records in recordupdatetable

DESCRIPTION

When a table has extensive amount of data which need to be synchronized through GDM, and there already exist a significant number of duplicate records in the 'Record updates' table, then the batch job will have to run for a very long time to process all records. Also, to remove and replace the 'Record updates' by deactivating and activating the setup in 'Selection management' would be a time consuming task.

A new batch job 'Clean up Record updates' is added, which effectively will identify and delete duplicate records in the 'Record updates' table in a less time-consuming way.

Issue vendor primary contact

DESCRIPTION

First synchronization of a vendor with Primary contact assigned fails due to standard validations, since the Contact person which is assigned to the vendor doesn't exist in local company yet. The contact person would have to be synchronized first, or the vendor would have to be synchronized to local company before Primary contact is specified and updated in next synchronization. If not, the validation of the Vendor table would have to be skipped in order to insert the Primary contact to the vendor in the local company.

The 'Preinitialize related record' field has been added to the 'Relation' tab of the Management form. This parameter may be enabled on a record to ensure that for that particular field, the related record is initialized in the local company before the record is initialized on the main table, and the validation is skipped. This allows the main record to be pushed, including the required related field, without any error.

BUGFIXES

Change in Item group on a released product is not pushed automatically to local companies

PROBLEM

Item group is changed on a released product, but the change is not pushed local companies. The reason is that the InventItemGroupItem table is a Cross-company table, and triggers are not enabled for Cross-company tables in GDM.

DESCRIPTION OF CHANGE

A new field 'Data area field' is added to the Table setup in the Management form. This field overrides the default 'DataAreaID' field for the tables when constructing the database triggers. Furthermore, if defined it will force to create triggers even for Cross-company tables. The field is only available for Cross-company tables. For other tables where nothing is specified in this field, then the table will be using the 'DataAreaID' field as before.

Note: After this field is changed, the 'Update triggers' job is required to be run in order to apply the changes.

Issues with batch

PROBLEM

Customers experienced, that synchronization of data between master and child companies could sometime take multiple hours.

DESCRIPTION OF CHANGE

To optimize the process of synchronization, code was analyzed to detect places where optimization is possible and we have limited number of database lookups during the process. The observed improvement was ~20% on our test data-set. To be sure to not degrade performance on different data sets, the "Improved performance" switch was introduced on GDM parameters form. This parameter must be enabled in order to benefit from this optimization.

Error in GDM Batch push data - multi-threaded

PROBLEM

Not possible to run the periodic job Batch push data - multi-threaded from the Global data management periodic menu due to an error message.

DESCRIPTION OF CHANGE

Fix is implemented and the Batch push data - multi-threaded can now be run as expected without error. Additional fix also implemented to handle batch execution mode, not only client execution.

IMPROVEMENTS

Record updates duplicates are created when changing "Selection criteria"

IMPROVEMENT

General performance improvement as result of eliminating creation of duplicates when changes are made to a setup in Selection management

Timeout when Edit query

IMPROVEMENT

Optimized mechanism to insert 'Record updates' when activating a setup in Selection management, to increase performance

09 June 2021

Version number: DXC GDM 10.6.30.8

Build number: 10.0.20210608.3

Edit query in Selection management locks user session

PROBLEM

When changes are made to a record in 'Selection management', the solution locks the session while it automatically regenerates the 'Record updates' for the table. When a table holds a lot of data, and the query used results in a large number of records, this may cause the session to timeout.

DESCRIPTION OF CHANGE

A new parameter 'Recreate the Record updates asynchronously' is added in order to provide the option to run the recreation of the Record updates asynchronously through a temporary batch job. Then the user can continue working in the user session while the job is running in the background, though the actual 'Selection management' record is not possible to change until the job has finished.

Error in GDM Batch push data - multi-threaded

PROBLEM

Not possible to run the periodic job Batch push data - multi-threaded from the Global data management periodic menu due to an error message.

DESCRIPTION OF CHANGE

Fix is implemented and the Batch push data - multi-threaded can now be run as expected without error.

22 April 2020

Version number: GDM 10.6.30.7

Build number: 10.0.20210407.1

Issues pushing data to multiple companies

PROBLEM

Creation and update of records in target companies trigger new records in 'Record updates' (TGDCompanyUpdate table), which generates a lot of redundant data.

DESCRIPTION OF CHANGE

The 'Update' trigger logic was modified to only create records from global company in 'Record updates'.

OPTIONAL ACTIONS

Triggers are not updated automatically. To update them, go to "Global data management/Periodic/Update triggers" task and run it when suitable.

Filter on company

PROBLEM

When activating Selection management settings for a table where entries already exist in 'Record updates' table for companies included in the settings, then an error message is thrown: 'Cannot filter on since it's not a valid company'

DESCRIPTION OF CHANGE

Fetch mode for a query to select records which needs to have 'Record updates' created is fixed. Furthermore, the query now uses 'addLink' instead of obsolete 'Relation on a range' style

Shelf live issues on 10.0.16

PROBLEM

Push of new batch controlled item to local company fails when 'Shelf advice period in days' or 'Shelf life period in days' is inserted prior to first push. This is due to changes in standard validation of the record in related tables in version 10.0.16

DESCRIPTION OF CHANGE

Changed the initialization of the InventTable record to pre-initialize some of the related tables, to ensure that the related data exist and record can be validated before insert of new released product.

14 July 2020

Version number: GDM 10.0.6.30.5

Build number: 10.0.20200714.2

Solution Package: Version 8

Run refresh all tables before batch job run, if not run before

There will automatically run Refresh All table in GDM before the first batch job will be executed. This to ensure data consistency in GDM.

The run will only happen once. If the Refresh All Table have been manually executed the automatic run will not be executed.

7 July 2020

Version number: GDM 10.0.6.30.4

Build number: 10.0.20200706.1

Solution Package: Version 7

Quick filter not working in "Default Values" form

PROBLEM

When searching for a field in the Default values form by using the quick filter, then no search is made

DESCRIPTION OF CHANGE

Quick filter is fixed and return results based on search value

Customers - Global value can be edited local

PROBLEM

Fields set up to be maintained globally (Replication type = Global) in GDM Management, but some fields (ie. Delivery terms and Delivery mode) are still editable on the customer in local company.

DESCRIPTION OF CHANGE

Fix is implemented on Customer form to ensure that GDM settings will be applied for all ordinary fields.

Update field setup in GDM management

KNOWN ISSUE

Rework of relations in synchronization process result in faulty identifiers in the field setup in GDM Management.

SOLUTION

New choice added to the "Refresh field setup" in the Management form, with the possibility to refresh field setup for all tables in GDM management.

This will fix faulty identifiers in the field setup.

9 Mar 2020

Version number: GDM 10.0.6.30.3

Build number: 10.0.20200217.1

Solution Package: Version 4

Same RecID in all modules: Wrong records where pushed when using batch option "Push requires existing record in local company"

LanguageTxt and other tables with recid-reference: Bug fixed. "Refresh fields setup" must be run on affected tables.

Allow create local records doesn't work on released products: It is now possible to create released products locally, but to be able to maintain the locally created items it is necessary to set all relevant, related tables to "Allow create local records".

5 Dec 2019

DXC Global Data Management 10.0.6.30.2

Build 10.0.20191205.1

The setup option "Allow create" has been changed. It is now possible to create records in the local companies for local use. The records will not be copied to the master data company. This also solves an issues with creating one-time customers

12 Nov 2019

SQL statement behind functionality to mark records for synchronization for a new legal entity added to a company group has been improved. Adding a new legal entity to a company group is now much quicker.

Relations between tables based on Query is improved, e.g. CustInterest and CustInterestVersion.

An error in Batch push data is now corrected so that all relevant records in TGDCompanyUpdate are now pushed when the job is run in batch.

A record in a table set up as related in GDM is now pushed to target companies if only one record in the "parent table" applies this record of the related table. The record from the related table is pushed immediately without checking if additional records in the "parent table" applies the record.

Data i TGDCompanyUpdate without value i Push/Pull time and with 'Update' in Updatetype now get a value in Push/pull time from the Batch push data job. In this way, these records are not considered next time Batch push data is run unless the record in the master company is modified. This leads to improved performance

When a BOM record is deleted in the parent company, them that record is deleted in the child company. When a new item is later added to the BOM table, the system doesn't throw the error. Now changes in the records regenerate "Record updates" for all the companies

23 sep 2019

ISSUE:

When running the GDM push job or pushing manually, a modified query deleted records in the Record updates that weren't covered by criteria from query.

SOLUTION:

With this fix, when running the GDM batch push job or pushing manually, a modified query will re-establish deleted records in the Record updartes, so that data could be pushed to new companies with the new query criteria.

29 aug 2019

Global Data management are release on MS App Build 10.04 PU 28

GDM Build: 10.0.20190826.1

Performance improvments

Changes:

1) New approach of fields' selection for processing in module

2) Decrease calls of system functions

3) Decrease calls of parent records validation

4) Clean variables to avoid memory leak

Bug The line in the Record updates has Insert status after deletion of record in the Parent LE is fixed

GDM does not support creation via Work Spaces is fixed

22 May 2019

Release of EG GDM 10.0.26.1 for MS App Build 10.0.80.10018

GDM Build: 10.0.20190516.1

1 new feature have been

It is now possiable to delete records in Record updates

cepheo

16 April 2019

Build number:8.1.20190415.1

Fix added for Default values on EcoResStorageDimensionGroupItem, EcoResTrackingDimensionGroupItem,InventItemGroupItem, InventModelGroupItem can't be pushed

05 April 2019

Fix added for EcoResStorageDimensionGroupItem that could not be pushed

08 February 2019

Compatiable with 8.1.3 from Microsoft

2018 releases

25/10/2018

Fixed build issues

19/10/2018

Update to 8.1.20

03/07/2018

Update to D365FO 8.0.15

7 Bugfixes

5 New features

03/07/2018

Combining 7.3.12.2 and 7.3.12.3 into one release

Manual + Batch: A record is picked up by the batch sync when it has previously been synchronized to the local company manually

Make it possible to specify more than one relation between the same two tables: When two tables have more than one possible relation between them, we are only able to specify one of these in the GDM setup, this is now fixed tables

2017 releases

19/12/2017

No changes were made for the upgrade from 1707.0.11.2 to 7.3.12.1

02/10/2017

GDM: The Update SQL trigger, updates to many records [9183]�

Global data management has been corrected, TableRecId was missing in the scripts for updates all record. This means that for example an update to a specific record in e.g. table CustGroup could mark a record, with identic RecId, in e.g. table VendGroup for update. This has been corrected, in order to only update a specific record TableRecId has been added to the script.

Note! After implementing this change in an environment the Global Data Management task "Update triggers" must be run.

01/11/2017

The lookups implemented in the Management form, do not apply filters of the already typed in value

"Global data company" or "Global data account"? We should be consistent in our terms.

The "Global data - batch push" claims it needs to be started from the GDM company. There is no technical reason for this however.

Poor performing query

Review of Norwegian label files

Fields setup with "Skip field" can cause too many records syncronizations, degrading performance

There is no way to add eventual missing or new fields to the table setup

Performance issue in TGDTableCompanyDefault::FindFieldName

Calling valiateField on too many fields degrades performance

Performance improvements using multi-threaded batch synchronization

Re-enabling the "Update user id" field

Insert "ItemGroupDataAreaId" default when adding a new company group.