



Release Notes for Multi Entity Management 2023

**Microsoft Dynamics
Business Central**

SaaS: 20 – 22

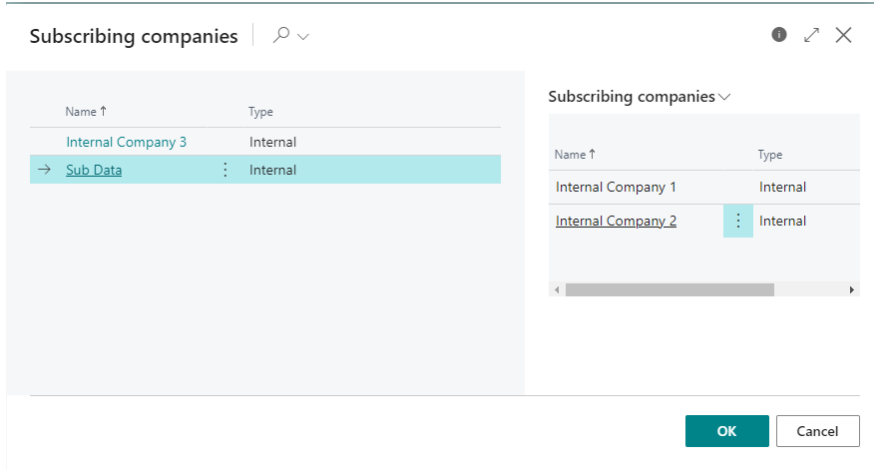
On-premises: 14 - 22



MEM 5.5.0

Push transfer to Sub-template.



When a manual Push-transfer is done to a Sub-template company, the Sub-template subscriber companies is shown on a fact box.






(ID: 37855)

“Modify if empty” in Individual Setup for Def. Dimensions.

The field setup at the “Individual Setup for Def. Dimensions” now support the “Modify if empty” functionality.

Def. Dimension Template Fields ✓ Saved  

Search + New Edit List Delete   

Dimension Code ↑	Field No. ↑	Name	Transfer at Insert	Transfer at Modify	Modify if Empty
BUSINESSGROUP	1	Table ID	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BUSINESSGROUP	2	No.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BUSINESSGROUP	3	Dimension Code	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
→ BUSINESSGROUP	4	Dimension Value Code	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BUSINESSGROUP	5	Value Posting	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BUSINESSGROUP	7	Multi Selection Action	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BUSINESSGROUP	8	Parent Type	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BUSINESSGROUP	10	Allowed Values Filter	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

(ID: 37853)

MEM 5.4.0

Associated BOM's tables in Cross Database replication.

An issue causing missing field data when Default Dimension was set to be associated to a table, is solved.

(ID: 36498)

MEM 5.3.0

Consolidation to multiple Reporting Companies.

When Consolidate reporting data from 1 company to multiple Reporting companies, data was transferred incorrectly when adding an additional Reporting Company.

This issue is corrected.

(ID: 36902)

Deleting a Reporting Company.

When deleting a Reporting Company, the OnDelete trigger must check if there are an Active Consolidating running before deleting the Company, otherwise it is not possible to delete the consolidating lines.

This issue is corrected.

(ID: 36903)

Consolidation Confirm Box.

The behavior of the Confirm boxes when enabling Reporting Company and Consolidation is optimized.

(ID: 36904)

Table associated with more tables.

In the Replication Schema, It was not possible to Insert two tables with the same associated table.

If table 18 Customer was inserted with the associated table 352 Default Dimension and afterward inserts table 23 Vendor also with table 352 Default Dimension, an error was thrown.

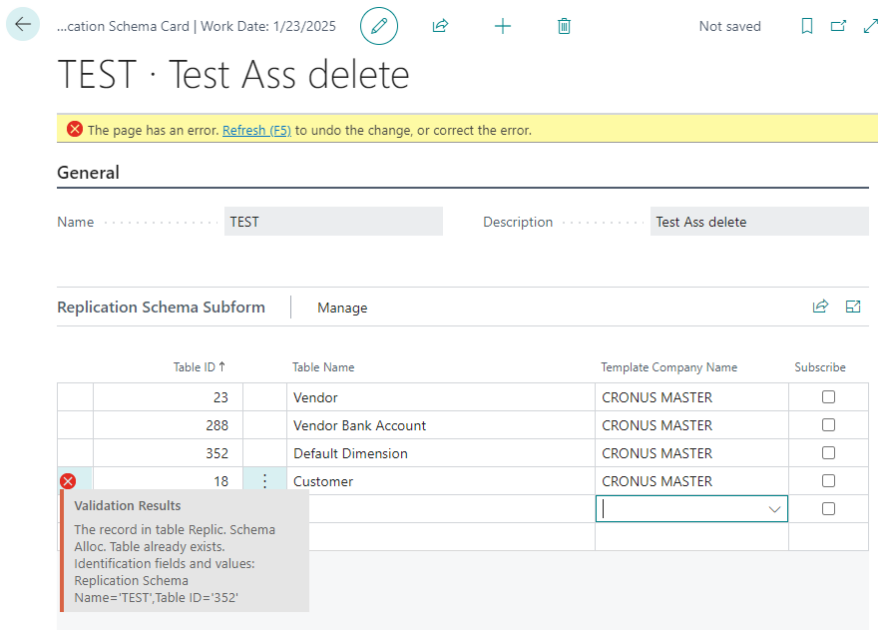
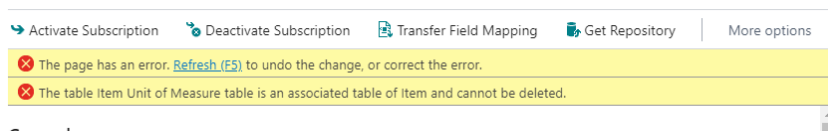


Table ID ↑	Table Name	Template Company Name	Subscribe
23	Vendor	CRONUS MASTER	<input type="checkbox"/>
288	Vendor Bank Account	CRONUS MASTER	<input type="checkbox"/>
352	Default Dimension	CRONUS MASTER	<input type="checkbox"/>
18	Customer	CRONUS MASTER	<input type="checkbox"/>

In the Subscriber Replication Setup, the associated table was not deleted and will throw an error when trying to delete the remaining table.



Both issues are corrected.

(ID: 36877)

Cross Database replication with Custom Rec.

When doing Cross Database replicating with tables with more than one field in the Primary Key, it was not possible to use the Custom Rec functionality.

This issue is corrected.

(ID: 36387)

Optimized replication performance.

An optimized use of the SELECTLATESTVERSION have resulted in better replication performance.

(ID: 36878)

Default Subscriber value changed to FALSE.

When inserting a new Subscriber table in the “Dependent on” section on the “Template Setup Card”, the subscriber value now is FALSE as default.

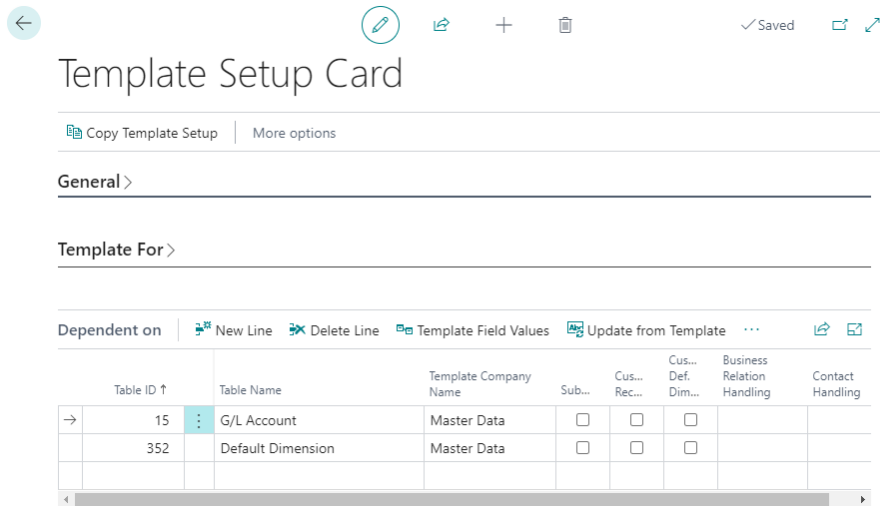
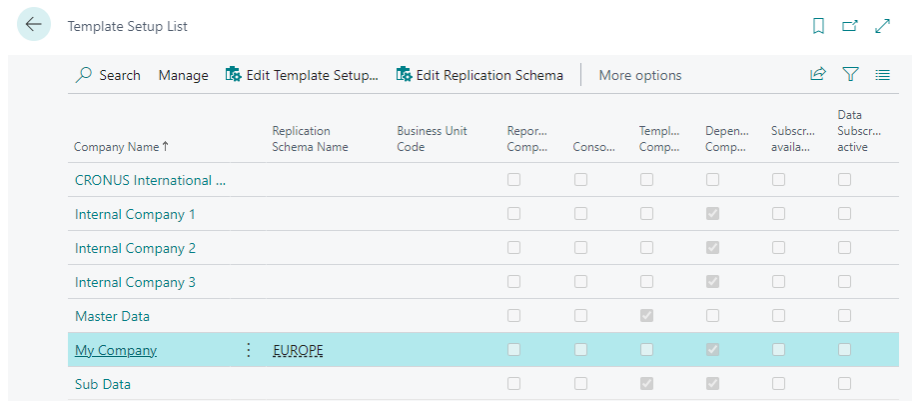


Table ID ↑	Table Name	Template Company Name	Sub...	Cus... Rec...	Cus... Def... Dim...	Business Relation Handling	Contact Handling
→ 15	G/L Account	Master Data	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
352	Default Dimension	Master Data	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

(ID: 36872)

Link to Replication Setup.

The “Edit Replication Schema” will now open the Replication Schema at the marked line.



Company Name ↑	Replication Schema Name	Business Unit Code	Repor... Comp...	Conso...	Templ... Comp...	Depen... Comp...	Subscr... availa...	Data Subscr... active
CRONUS International ...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Internal Company 1			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Internal Company 2			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Internal Company 3			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Master Data			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
My Company	EUROPE		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sub Data			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(ID: 36881)

MEM 5.2.0

Subscriber Replication Setup – Associated Tables.

If Two tables used the same Table as associated table, it was not possible to use both in the Subscriber Replication setup – This is now corrected.

Table No. ↑	Table Name	Template Company Name ↑	Subsc...	Custom Records	Mappi... incom...
15	G/L Account	MASTER	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
→ 18	Customer	MASTER	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
352	Default Dimension	MASTER	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(ID: 36662)

Language correction for “Disable list Modified Fields”.

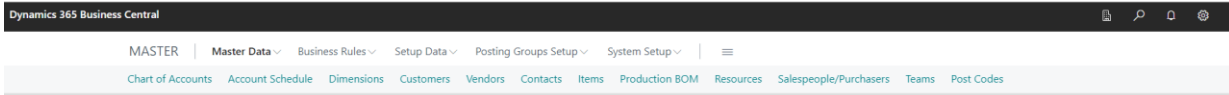
The function “Disable list Modified Fields” in Template Table Fields, are now working with all languages

Field No. ↑	Name	Transfer at Insert	Transfer at Modify	Modify if Empty	Field Status
→ 1	No.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2	No. 2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3	Description	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

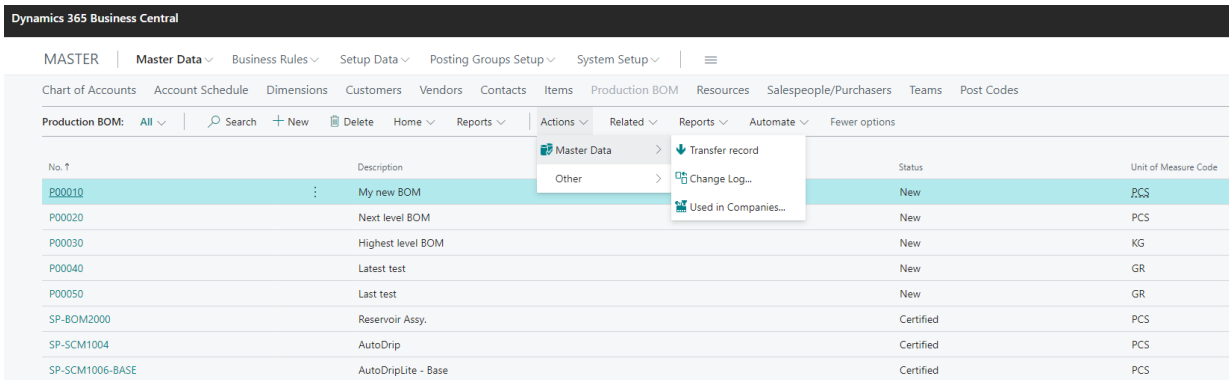
(ID: 36662)

Correct link to Productions BOM list.

The menu “Production BOM” now use the correct page



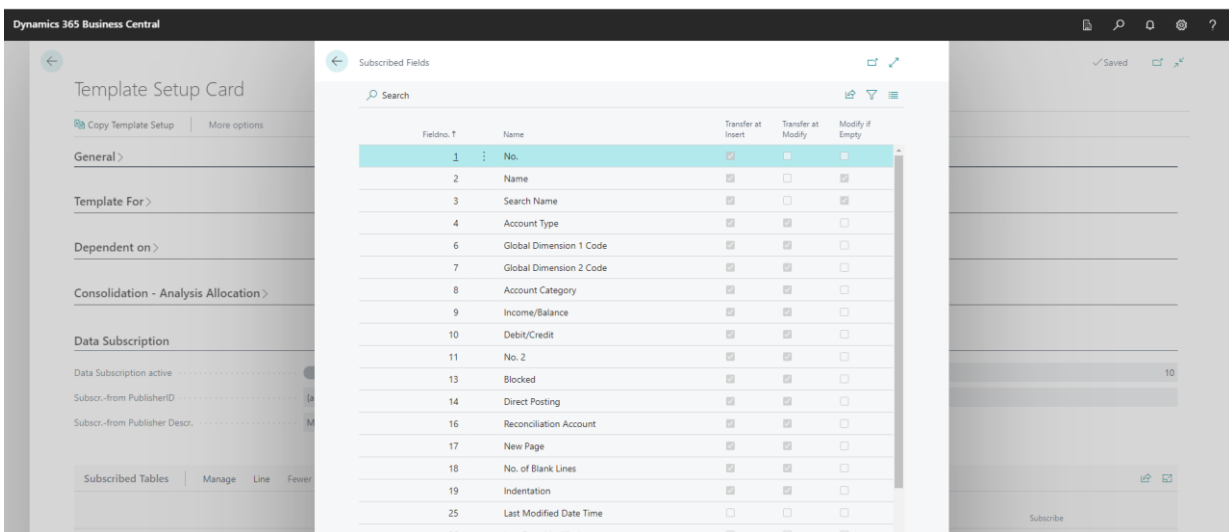
The Production BOM list



(ID: 36662)

"Modify if Empty" are now shown in Cross Database Subscriber

In the Cross Database Environment (Database), the “Modify if Empty” option is now shown in the Data Subscription section for the Subscriber company.



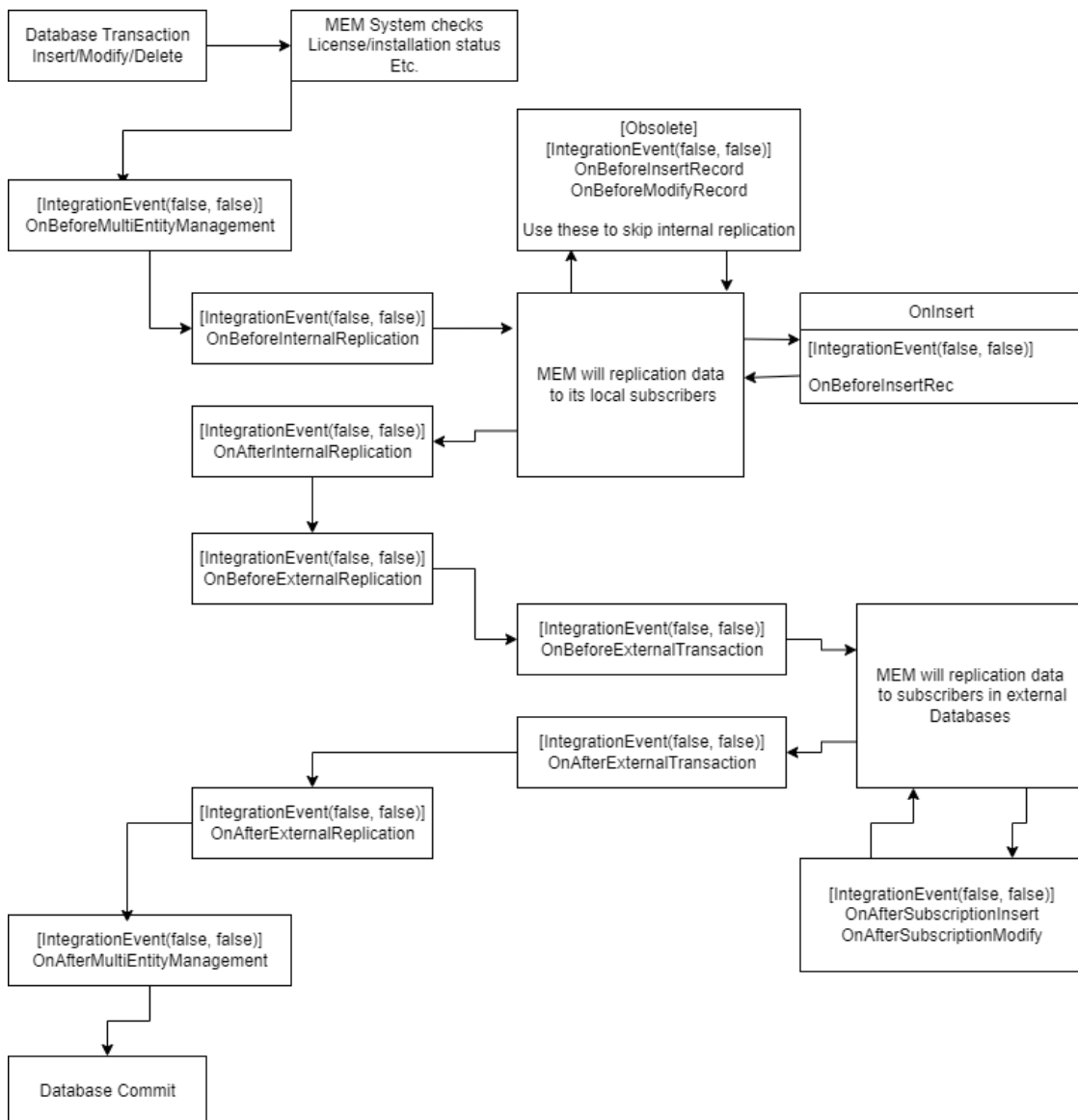
(ID: 36662)

MEM 5.1.0

New event publisher OnBeforeInsertRec.

OnBeforeInsertRec(var RecordRef: RecordRef; ReplicationAllocation: Record
XMEMMReplicationAllocation; var BigText: FromCompany: Text; var IsHandled: Boolean)

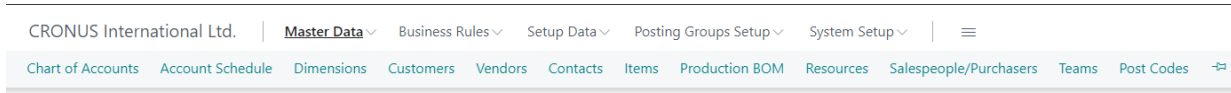
- This event is similar to OnBeforeInternalReplication, but instead of being called before MEM performs any transaction, this event is triggered when MEM starts to insert a record.
- Use this event to allow check of the record and skip if necessary. There should be no interactions because the record may not be inserted.



(ID: 35732)

Menu changes in Master Data Manager Rolecenter.

The **Master Data** menu have been changes. The placement of the Tables has been rearranged and access to **Production BOM** is enabled

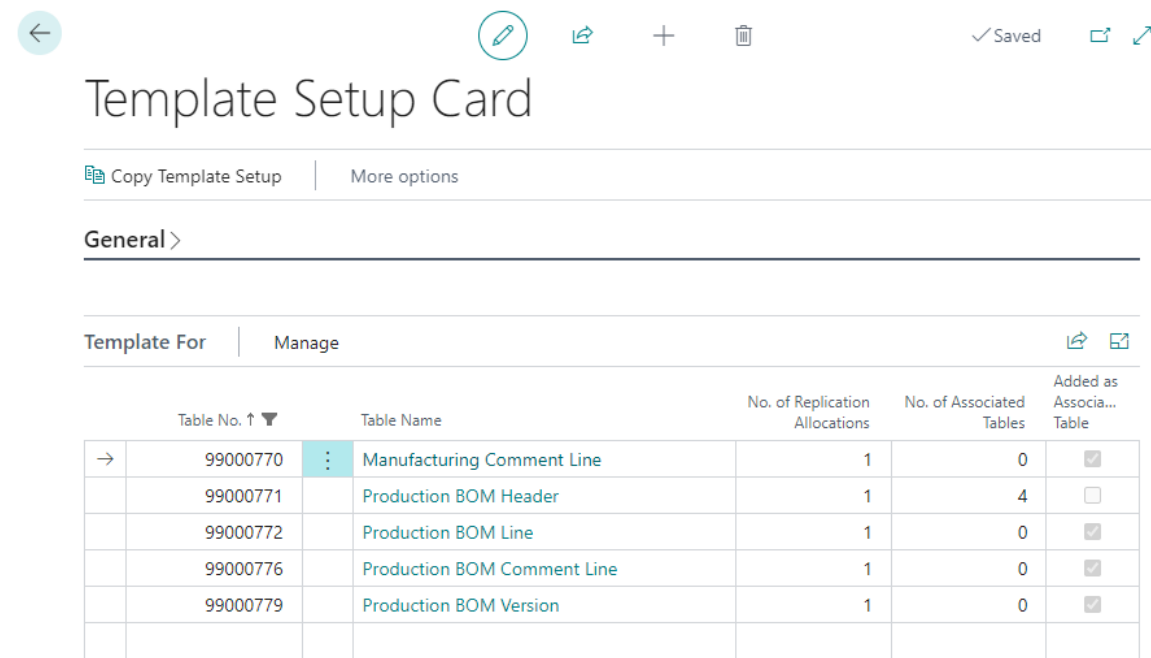


(ID: 36498)

Replication of Productions BOM, do not work.

It is now possible to replicate Production BOM (Table 99000771)

With attached tables



Template Setup Card

Copy Template Setup | More options

General >

Template For | Manage

Table No. ↑ ▾	Table Name	No. of Replication Allocations	No. of Associated Tables	Added as Associa... Table
→ 99000770	Manufacturing Comment Line	1	0	<input checked="" type="checkbox"/>
99000771	Production BOM Header	1	4	<input type="checkbox"/>
99000772	Production BOM Line	1	0	<input checked="" type="checkbox"/>
99000776	Production BOM Comment Line	1	0	<input checked="" type="checkbox"/>
99000779	Production BOM Version	1	0	<input checked="" type="checkbox"/>

(ID: 36498)

Cross Database replication error

The Cross Database replication has issues to determinate if a field is inserted or modified when the receiving field is blank.

To handle this a New Checkbox “Modify if Empty” is added to the Field Subscription list.

Dynamics 365 Business Central

← Template Table Fields

Search Edit List Disable list Modified Fields Actions Automate Fewer options

	Field No. ↑	Name	Transfer at Insert	Transfer at Modify	Modify if Empty	Field Status
→	1	No.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	2	Name	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	3	Search Name	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	4	Account Type	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	6	Global Dimension 1 Code	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

If this field is “Checked” then the publisher still send data, and the subscriber will allow the value to be modified(inserted) if the related field is empty.

In case of replicating data fra “Template Company” to a “Sub-Template Company”. If the “Sub-Template Company” field has a value but the “Sub-template Subscriber Company” field is blank, then the field value in the subscriber will NOT be modified.

In the reverse case will the “Sub-Template Company” field be modified, but the “Sub-template Subscriber Company” field will not be changed.

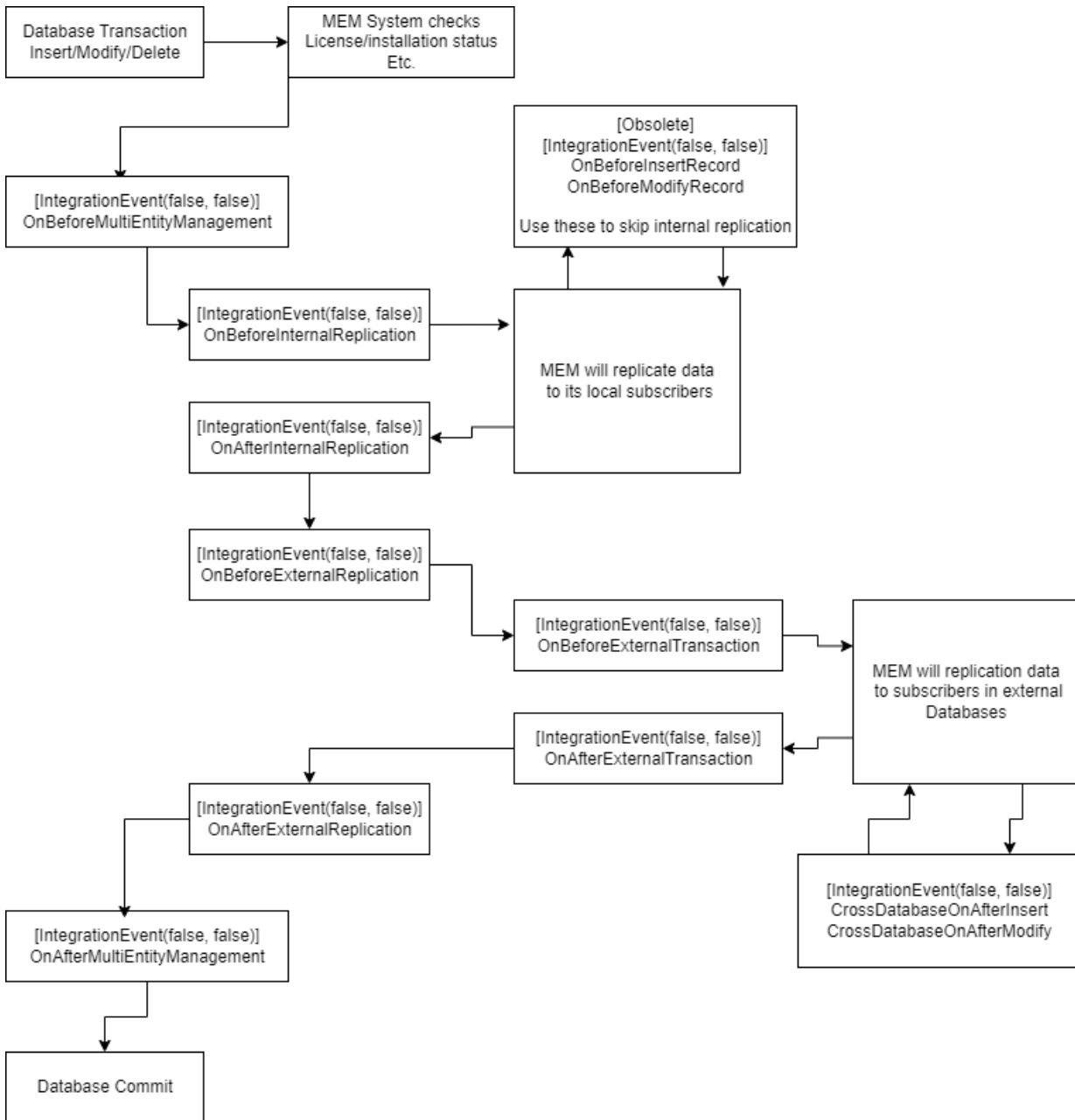
(ID: 36386)

MEM 5.0.1

New Event Publishers added.

The following Event Publishers are added to Multi Entity Management. Read more about the Event Publishers for Multi Entity Management in the document “FAQ – MEM Event Publishers”

- procedure **OnBeforeMultiEntityManagement**
(var RecordRef: RecordRef; Transaction: Enum XMEMEMTransaction; var IsHandled: Boolean)
- procedure **OnAfterMultiEntityManagement**
(var RecordRef: RecordRef; Transaction: Enum XMEMEMTransaction)
- procedure **OnBeforeInternalReplication**
(var RecordRef: RecordRef; Transaction: Enum XMEMEMTransaction; FromCompanyName: Text; var IsHandled: Boolean)
- procedure **OnAfterInternalReplication**
(var RecordRef: RecordRef; Transaction: Enum XMEMEMTransaction; FromCompanyName: Text)
- procedure **OnBeforeExternalReplication**
(var RecordRef: RecordRef; Transaction: Enum XMEMEMTransaction; FromCompanyName: Text; var IsHandled: Boolean)
- procedure **OnAfterExternalReplication**
(var RecordRef: RecordRef; Transaction: Enum XMEMEMTransaction; FromCompanyName: Text)
- procedure **OnBeforeExternalTransaction**
(var RecordRef: RecordRef; Transaction: Enum XMEMEMTransaction; var BigText: BigText; SubscriberCompany: Record "XMEMEMSubscriber Company"; var IsHandled: Boolean)
- procedure **OnAfterExternalTransaction**
(var RecordRef: RecordRef; Transaction: Enum XMEMEMTransaction; var BigText: BigText; SubscriberCompany: Record "XMEMEMSubscriber Company")



(ID: 35732)

Generate New Repository ID for subscriber.

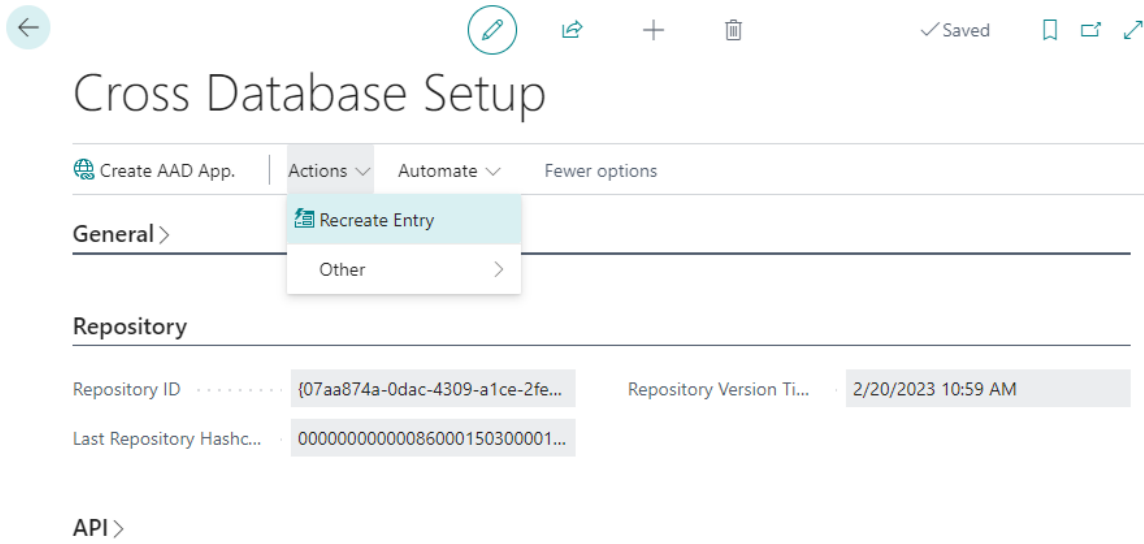
Scenario:

In a Cross Database setup are the Publisher Company is bound to the Cross Database Subscriber Company.

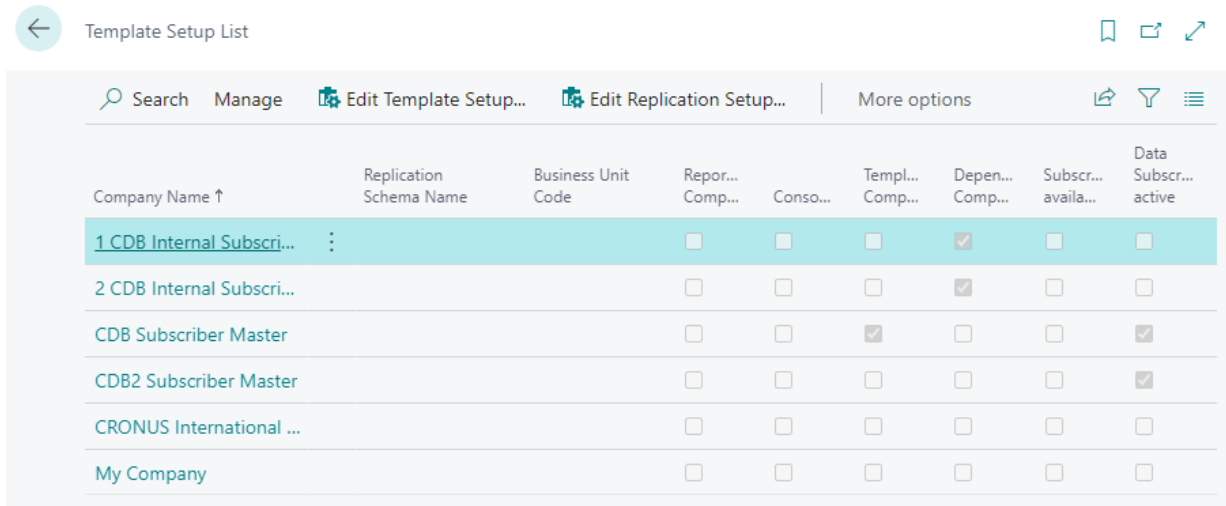
If there are made a copy of the bound Cross Database Subscriber Company to a Company copy in the Cross database.

It is not possible to bind the Company Copy as a Cross Database Subscriber Company, because the Repository ID from the original Cross Database Subscriber Company is in the Company Copy.

The **Recreate Entry** function in Cross Database Setup, will delete the Repository ID.



The Admin Tools – **Force Clear Subscription** will now remove the Checkmark in “Data Subscription Active”



(ID: 35928)

MEM 5.0.0

Cross Database Replication of Datatype "GUID".

It is now possible to do Cross Database replication with fields with the datatype "GUID"

(ID: 35909)

MEM 4.6.6

Cross Database Replication of Datatype Record-Id.

It is now possible to do Cross Database replication with fields with the data type Record-Id

(ID: 35733)