

MASTER DATA INTERCOMPANY

SYNCHRONIZE DATA BETWEEN DIFFERENT COMPANIES
IN MICROSOFT DYNAMICS 365 BUSINESS CENTRAL



The
future
behind

www.eos-solutions.it/en/master-data-intercompany.html



Master Data Intercompany

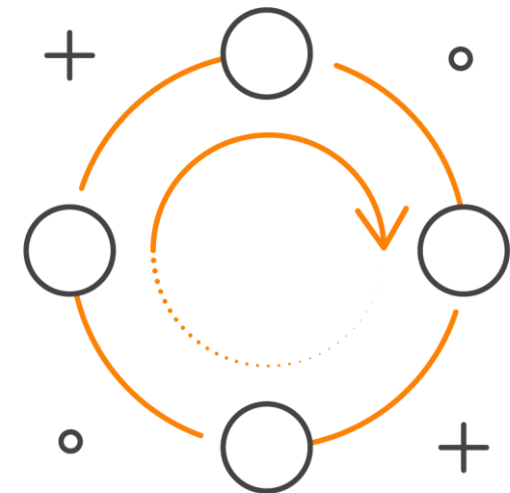
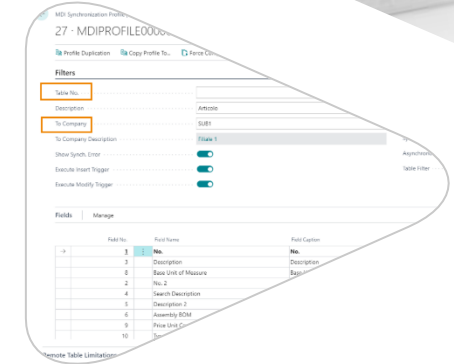
App for Microsoft Dynamics 365 Business Central



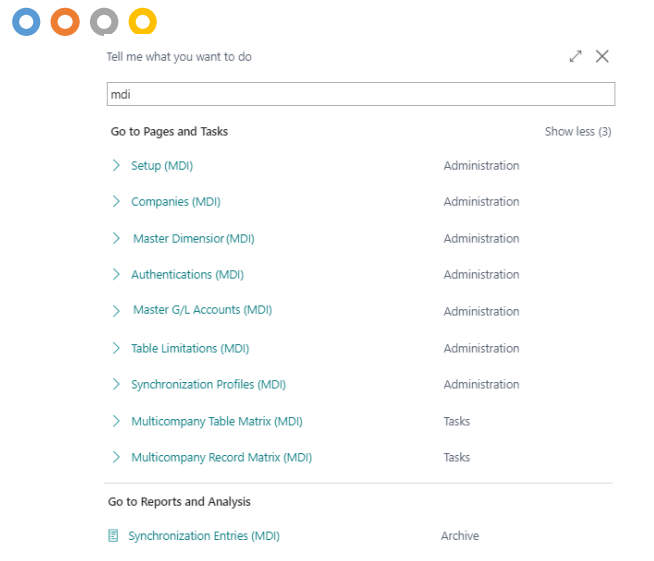
DO YOU WANT TO SYNC DATA BETWEEN A PARENT COMPANY AND MULTIPLE SECONDARY COMPANIES?
DO YOU NEED TO REPLICATE DATA BY SETTING RESTRICTIONS FOR SECONDARY COMPANIES?

DO YOU WANT TO TRACK SYNC ENTRIES?

The Eos Solutions **Master Data Intercompany** app allows you to **replicate data from any table between different companies**, whether that data is in the same database or in different databases.

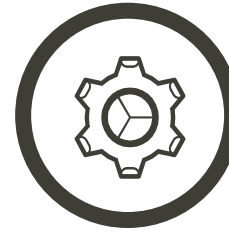


Here is a list of the features involved



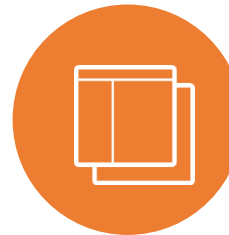
ALT + Q and MDI

Press ALT + Q and digit "MDI" for a list of the features involved



Choose the tables

to replicate, connect to remote environment using Oauth2 connection



For each table

you decide field by field, what to synchronize



Consider

whether to allow any changes by the target companies

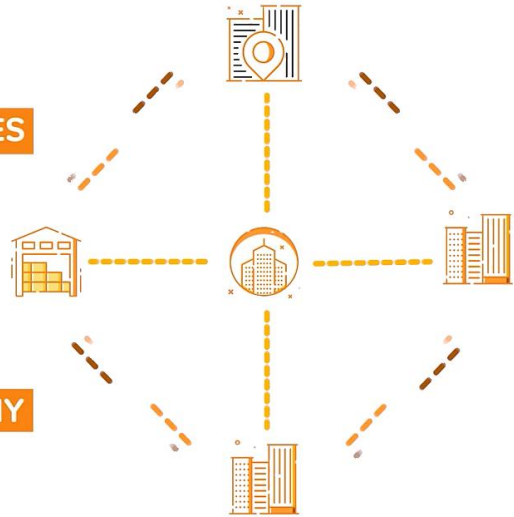


Monitor

chart of accounts and dimensions' synchronization separately

Synchronization Profiles (MDI)

HEADQUARTER to SUBSIDIARIES



COMPANY to COMPANY

MDI Synchronization Profiles | Work Date: 1/28/2021

Search + New Manage Profile Duplication Copy Profile To... Manual records synchronized Synchronization Log Open in Excel

Table No.	Description	To Company	To Company Description	Active	Records Synchronization	Table Filter
ZZ	Articolo	SUB1	Filiale 1	<input checked="" type="checkbox"/>	Automatic	-
18008115	Limitazione tabelle intercompany	SUB1	Filiale 1	<input checked="" type="checkbox"/>	Automatic	VERSION(1) SORTING(Company Code,Table No...

Remote Table Limitations

Insert Allowed	<input type="text" value="Yes"/>
Modify Allowed	<input type="text" value="Yes"/>
Delete Allowed	<input type="text" value="Deny All"/>
Rename Allowed	<input type="text" value="Yes"/>

It is possible to set, for each company, which data (both standard and custom tables) to synchronize.

- Remote Table Limitations

For the table indicated in the General tab, you can **limit the actions that each target company can take**. The setup is set on the source company and will then be synchronized, and then replicated, to all other companies.

Synchronization Profiles (MDI)

MDI Master G/L Accounts | Work Date: 1/28/2021

Search + New Manage Indent Master Accounts Companies Companies Accounts Matrix Translations Open in Excel Actions Fewer options

Indent Master Accounts Import G/L accounts

No.	Name	Search Name	Tariff No.	on Intr...	Account Type	Income/Ba.	Debit/Credit	No. 2	Com...	Bloc...	Direct Post...	Rec... Acc...	Indentation	Last Date Modified	Totaling
010000	Conto riepilogo	CONTO RI...		<input type="checkbox"/>	Begin-Total	Balance S...	Both		No	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		0	
010010	Saldo	SALDO		<input type="checkbox"/>	Begin-Total	Balance S...	Both		No	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		1	
010011	Bilancio di apertura	BILANCIO ...		<input type="checkbox"/>	Posting	Balance Sh...	Both		No	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		2	
010012	Bilancio di chiusura	BILANCIO ...		<input type="checkbox"/>	Posting	Balance Sh...	Both		No	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		2	
010099	Totale conto patrimon...	TOTALE C...		<input type="checkbox"/>	End-Total	Balance S...	Both		No	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		1	010010..010099
010100	Conto economico	CONTO EC...		<input type="checkbox"/>	Begin-Total	Income St...	Both		No	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		1	
010111	Utile/Perdita	UTILE/PER...		<input type="checkbox"/>	Posting	Balance Sh...	Both		No	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		2	
010199	Totale conto economico	TOTALE C...		<input type="checkbox"/>	End-Total	Income St...	Both		No	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		1	010100..010199
010999	Totale conto riepilogo	TOTALE C...		<input type="checkbox"/>	End-Total	Balance S...	Both		No	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		0	010000..010999
1000	STATO PATRIMONIALE	STATO PA...		<input type="checkbox"/>	Heading	Balance S...	Both		No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		0	
1002	CESPITI	CESPITI		<input type="checkbox"/>	Begin-Total	Balance S...	Both		No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		0	
1003	Cespiti	CESPITI		<input type="checkbox"/>	Begin-Total	Balance S...	Both		No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		1	
1005	Cespiti materiali	CESPITI M...		<input type="checkbox"/>	Begin-Total	Balance S...	Both		No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2	
1100	Terreni e fabbricati	TERRENI E...		<input type="checkbox"/>	Begin-Total	Balance S...	Both		No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		3	
1110	Terreni e fabbricati	TERRENI E...		<input type="checkbox"/>	Posting	Balance Sh...	Both		No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		4	
1120	Incrementi dell'ese...	INCREMENT...		<input type="checkbox"/>	Posting	Balance Sh...	Both		No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		4	

- Master G/L Accounts

Since the hierarchy between the companies could also be horizontal (the companies are all operational, there is no real "source" company) **it can be useful to have a limited control for the Chart of Accounts and Dimensions.**

This control is exercised in Master G/L accounts (MDI).

MDI Master Dimensions | Work Date: 1/28/2021

Search + New Edit List Delete Dimension Values Companies Companies/Dimensions Matrix Open in Excel Actions Related Fewer options

Code 1	Name	Code Caption	Filter Caption	Description	Blocked	Cons Code
ADD.ACQ.	Add. c...				<input type="checkbox"/>	
AGENTE	Vendi				<input type="checkbox"/>	
AREA	Area				<input type="checkbox"/>	
CAMPAGNEVEND	Camp				<input type="checkbox"/>	
GRUPPOBUSINES	Grup				<input type="checkbox"/>	
GRUPPOCLIENTI	Categ				<input type="checkbox"/>	
PROGETTO	Proge				<input type="checkbox"/>	
REPARTO	Repar				<input type="checkbox"/>	

MDI Company Dimensions Matrix

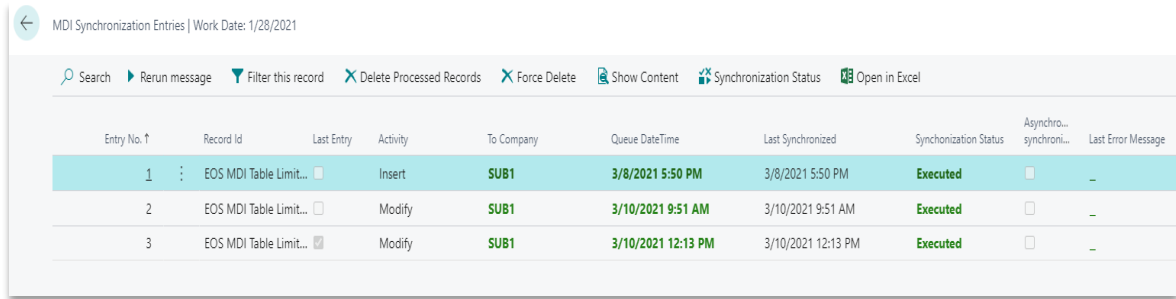
Companies - Master Dimensions

Code 1	Description	SUB1	SUB2
ADD.ACQ.		<input type="checkbox"/>	<input type="checkbox"/>
AGENTE		<input type="checkbox"/>	<input type="checkbox"/>
AREA		<input type="checkbox"/>	<input type="checkbox"/>
CAMPAGNEVEND		<input type="checkbox"/>	<input type="checkbox"/>
GRUPPOBUSINES		<input type="checkbox"/>	<input type="checkbox"/>

- Master Dimensions

The same thing is possible with Dimensions. On the page MDI Master Dimensions from Actions->Import Dimensions, you can import them and **decide which ones to replicate to different companies.**

Synchronization Profiles (MDI)



MDI Synchronization Entries | Work Date: 1/28/2021

Search | Rerun message | Filter this record | Delete Processed Records | Force Delete | Show Content | Synchronization Status | Open in Excel

Entry No. ↑	Record Id	Last Entry	Activity	To Company	Queue DateTime	Last Synchronized	Synchronization Status	Asynchro... synchroni...	Last Error Message
1	EOS MDI Table Limit...		Insert	SUB1	3/8/2021 5:50 PM	3/8/2021 5:50 PM	Executed	<input type="checkbox"/>	-
2	EOS MDI Table Limit...		Modify	SUB1	3/10/2021 9:51 AM	3/10/2021 9:51 AM	Executed	<input type="checkbox"/>	-
3	EOS MDI Table Limit...	<input checked="" type="checkbox"/>	Modify	SUB1	3/10/2021 12:13 PM	3/10/2021 12:13 PM	Executed	<input type="checkbox"/>	-

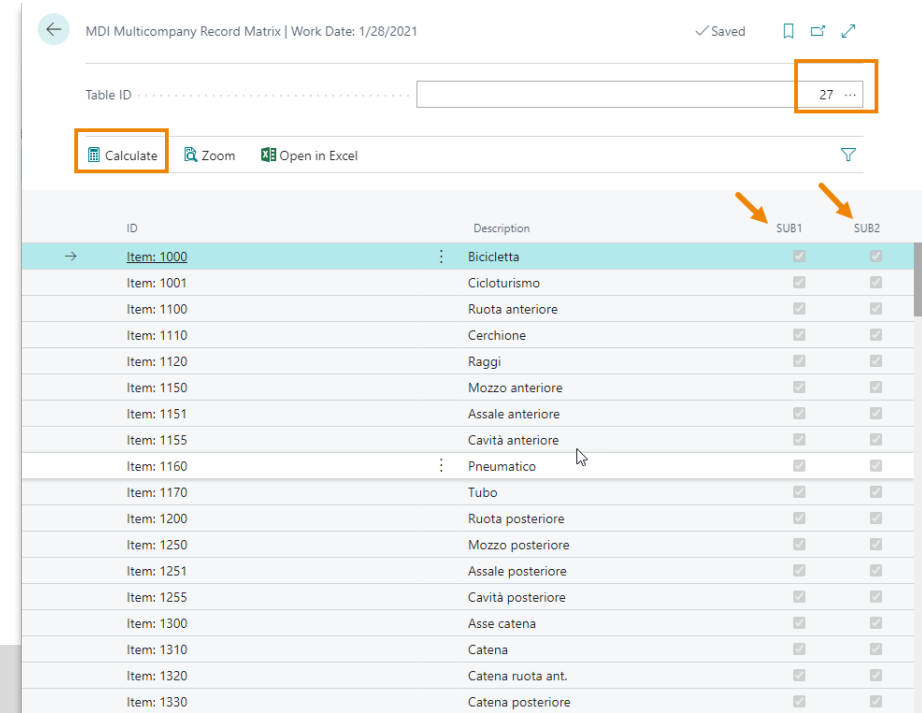
■ Synchronization Entries

On the page Synchronization Entries (MDI) you can view all synchronized entries and any errors.

You can eventually re-perform synchronizations.

In Synchronization Status the options are:

- Executed
- Failed (possibly with a message explaining the error in "Last Error Message" field).



MDI Multicompany Record Matrix | Work Date: 1/28/2021

Table ID: 27

Calculate | Zoom | Open in Excel

ID	Description	SUB1	SUB2
Item: 1000	Bicicletta	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Item: 1001	Cicloturismo	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Item: 1100	Ruota anteriore	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Item: 1110	Cerchione	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Item: 1120	Raggi	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Item: 1150	Mozzo anteriore	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Item: 1151	Assale anteriore	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Item: 1155	Cavità anteriore	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Item: 1160	Pneumatico	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Item: 1170	Tubo	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Item: 1200	Ruota posteriore	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Item: 1250	Mozzo posteriore	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Item: 1251	Assale posteriore	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Item: 1255	Cavità posteriore	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Item: 1300	Asse catena	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Item: 1310	Catena	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Item: 1320	Catena ruota ant.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Item: 1330	Catena posteriore	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

■ Multicompany table matrix

The page gives us global control over synchronized data.

The record count is displayed for each synchronized table so that you can identify any synchronization issues.

The Page already opens prefiltered with tables that are set up in synchronization profiles.

is still possible to edit the "Table filter" field. Each line displays one of the tables to synchronize. The columns display the companies, and you can get an overview of the result of synchronization—that is, if the field has been synchronized and in which Company.

Master Data Intercompany

App for Microsoft Dynamics 365 Business Central

SUBSCRIPTION

Some features of the Master Data Intercompany app require a subscription.

The subscription can be activated from Subscription control panel or directly from the notification messages that the system proposes, by clicking on the link that allows you to start the subscription wizard.

Contact us for more info:

www.eos-solutions.it/en/contact-support.html

