

What's new: Enhancements to Dataverse and Dynamics 365 Integrations



Agenda

Use a Power Automate flow to notify Business Central of Dataverse entity changes

Sync sales orders both ways in Business Central and Sales

Support for Dataverse SDK 10.0

Community project to help with custom mapping

Use a Power Automate flow to notify Business Central of Dataverse entity changes

Current solution

- Synchronization works through scheduled jobs queues

- Changes in BC propagated immediately to Dataverse / Sales even if job is on hold

- Changes from Dataverse / Sales wait for next run of scheduled job

Release Wave 2 2022

- Signal of changed Dataverse entity triggers synchronization, making synch near real time

Use a Power Automate flow to notify Business Central of Dataverse entity changes

New **dataverseEntityChanges** API under **/dataverse/v1.0** to provide info on changed entity

API call “wakes up” scheduled job queue to immediately pick up the changes made in Dataverse/Sales

Added, modified or deleted entity synched to Business Central near real time

Few flow templates named “Notify Business Central when...” already available to get you started quickly

Demo

Use a Power Automate flow to notify Business Central of Dataverse entity changes

Sync sales orders both ways in Business Central and Sales

Current solution

- Order integration dependent on legacy Sales Order Processing setting in Sales
- Once order is submitted, no updates possible on Sales side
- Difficult to extend with custom fields

Release Wave 2 2022

- Choose between legacy and bidirectional sales order integration
- Standard set of synchronization actions on Sales Orders (Couple, Synchronize, Open coupled order in Sales)
- Released Sales Orders synched from Business Central, Submitted from Sales
- Changes to Sales Orders tracked in Archived Sales Orders
- Extended Orders views in Sales provide additional information for Business Central

Demo

Sync sales orders both way in Business Central and Sales

Support for Dataverse SDK 10.0

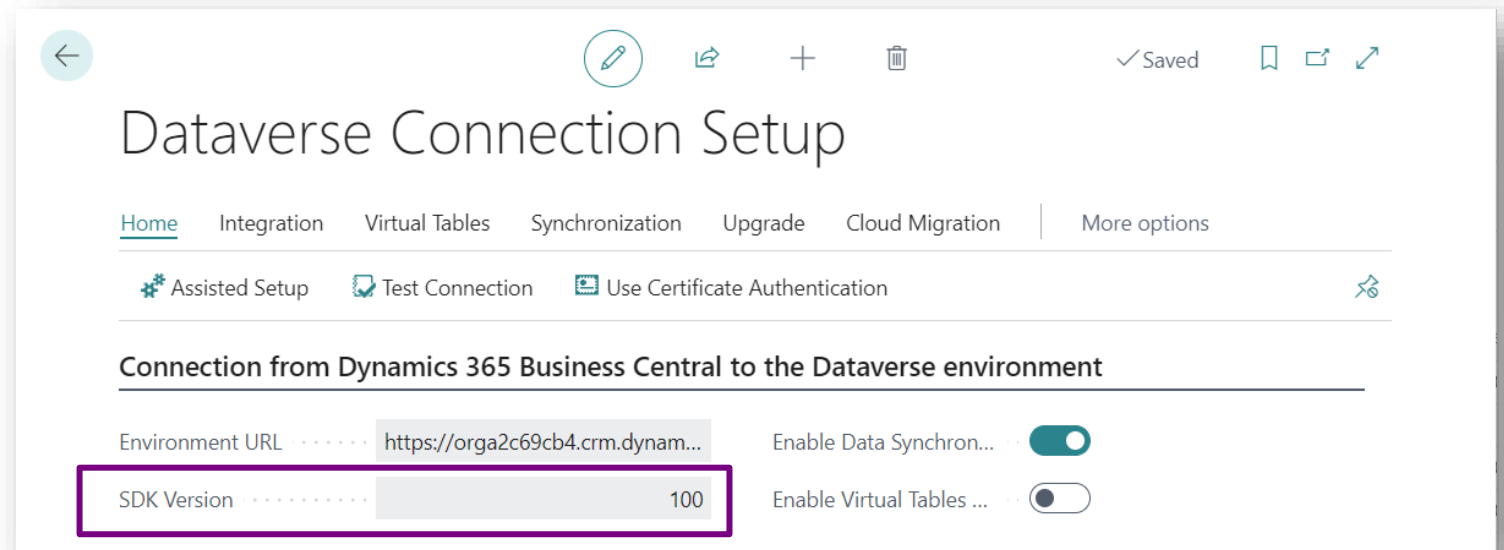
Business Central now support Dataverse SDK 10.0

Dataverse SDK 10.0 supports .NET Core Development

MSAL authentication

Performance and other
functional benefits

More descriptive errors when
things go wrong



The screenshot displays the 'Dataverse Connection Setup' window. At the top, there is a navigation bar with icons for back, edit, share, add, and delete, along with a 'Saved' status and additional action icons. Below the title, a horizontal menu includes 'Home' (active), 'Integration', 'Virtual Tables', 'Synchronization', 'Upgrade', 'Cloud Migration', and 'More options'. A secondary bar offers 'Assisted Setup', 'Test Connection', and 'Use Certificate Authentication'. The main section is titled 'Connection from Dynamics 365 Business Central to the Dataverse environment'. It contains two rows of settings: 'Environment URL' with the value 'https://orga2c69cb4.crm.dynam...' and 'Enable Data Synchron...' with a toggle switch turned on; and 'SDK Version' with the value '100', which is highlighted by a red rectangular box, and 'Enable Virtual Tables ...' with a toggle switch turned off.

VS Code Extension for custom field and table mappings

Custom Integration with Dataverse walkthrough ([link](#))

Community project translated this walkthrough in VS Code extension

- Run AL Proxy Table Generator from VS Code

- Visuals designer to pick tables and fields to add to data synchronization with Dataverse

- Generate extension with boiler plate code that enable synchronization

- Generate pages and actions to manage coupling, synchronization, logs...

Summary

[Read Use a Power Automate flow to notify Business Central of Dataverse entity changes](#) release plans for additional details

[Read Sync sales orders both ways in Business Central and Sales](#) release plan for additional details

Read more about [Dataverse SDK 10.0](#)

Developer productivity tool for customizing integration to Dataverse

Actions for you

[Use a Power Automate flow to notify Business Central of Dataverse entity changes](#)

[Sync sales orders both ways in Business Central and Sales](#)

Try and contribute to VS Code extension for customizing integration to Dataverse (<https://aka.ms/bc2dataverse>)

Other resources

Learn more!



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aka.ms/BCYammer



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Submit your ideas
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Thank you

