

# What's new: Business Central integration with Power Platform



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# Agenda

- 
- Why Power Platform
  - What's new in Power BI integration
  - What's new in Power Automate integration
  - Demos

# Why Business Central with Power Platform?



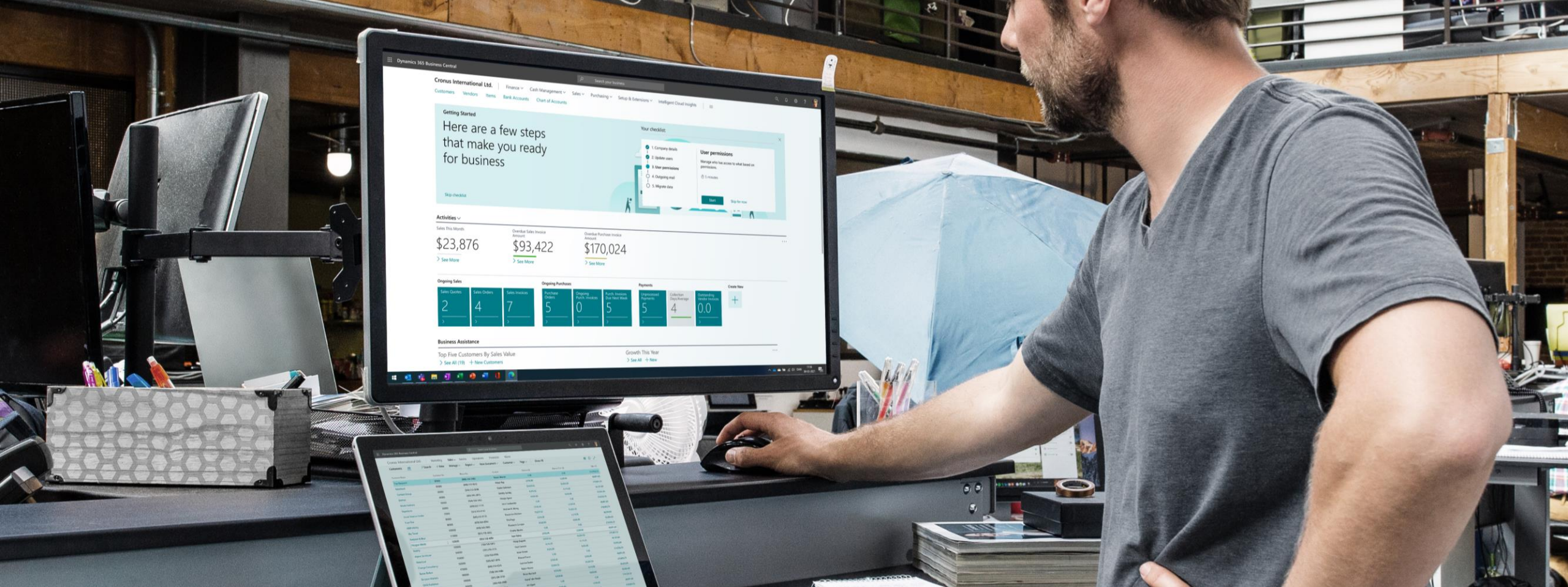
**DELIVERING VALUE TO  
CUSTOMERS FAST**



**ADDRESSING  
DEVELOPER SCARCITY**



**BUILDING ON TOP OF  
MICROSOFT CLOUD**



Power BI



Power Apps



Power Automate



Power Virtual Agents



Power Pages



Dataverse

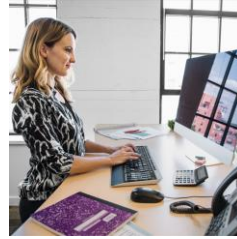
# What do these tools do for us ?



**Data Analyst**



Power BI



**Citizen Developer**



Power  
Apps



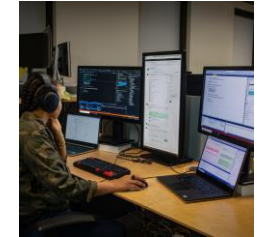
Power  
Automate



Power  
Virtual  
Agents



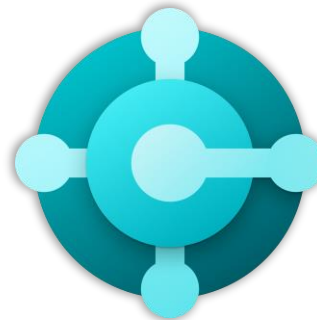
Power  
Pages



**Dataverse Integrator**

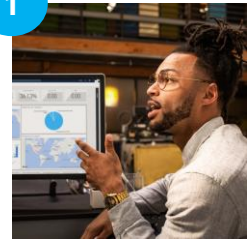


Dataverse



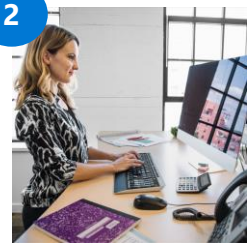


# Refresher - what do we offer in details...



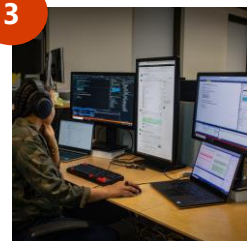
## Power BI:

- Built-in sample reports
- Power BI connector
- Power BI template apps



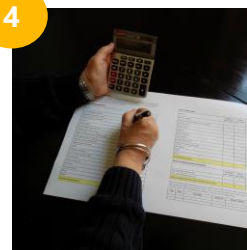
## Core Power Platform:

- Power Apps (mobile)
- Power Automate (or Logic Apps)
- Power Virtual Agents or Pages\*  
\* via Power Automate



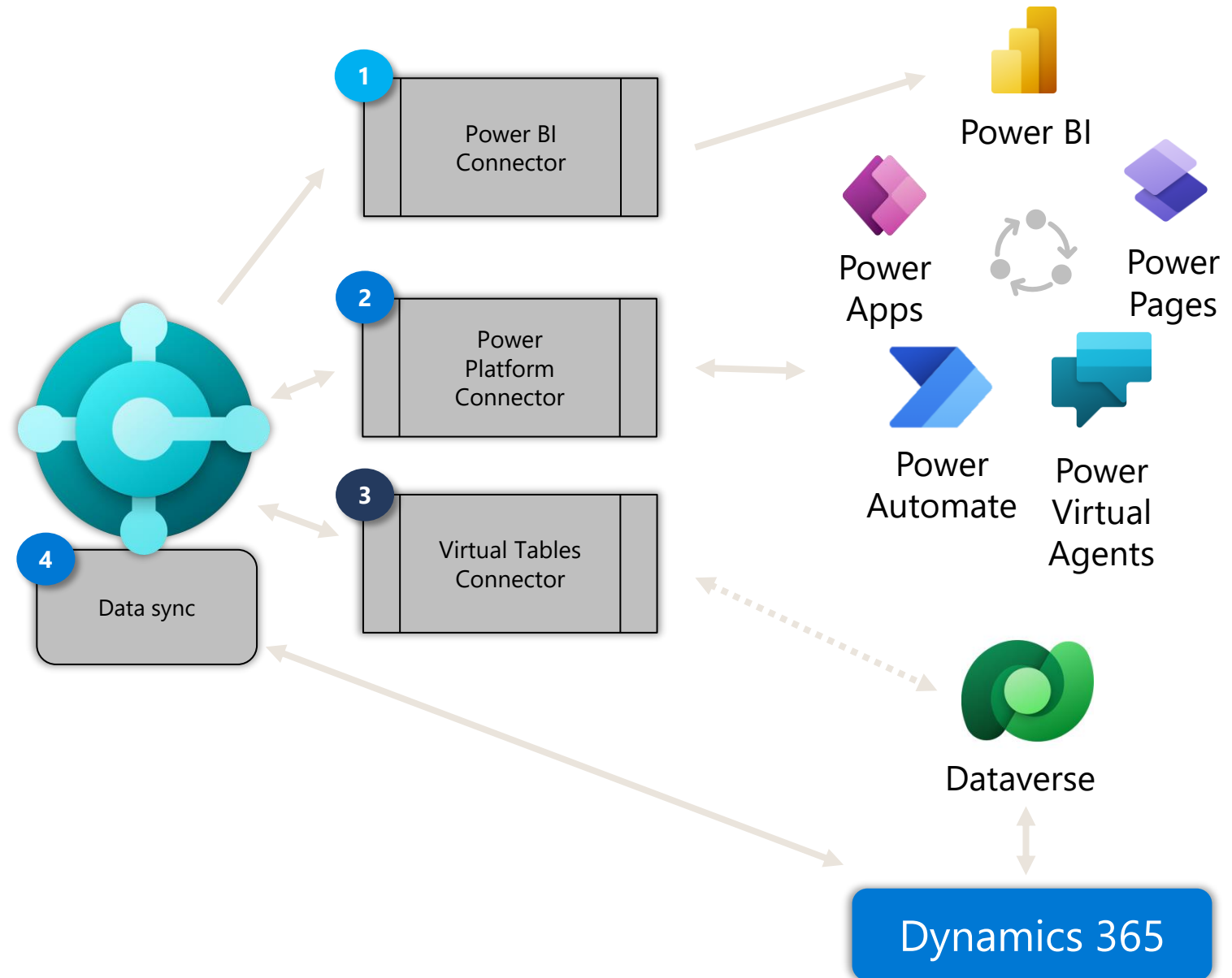
## Dataverse Virtual Tables PREVIEW

- Our data in Dataverse
- Any Power Apps
- Support for data-change events



## Data sync for Dataverse

- Classic/native data sync for Dynamics 365



# Power BI integration improvements

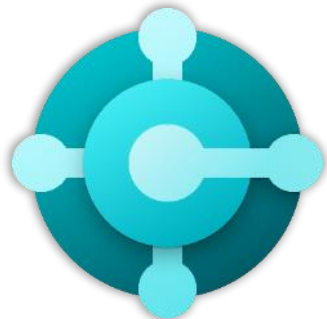
# Refresher - what do we offer now?

## Power BI integration:

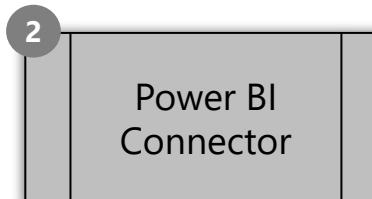
- 1 Sample reports
- 2 Connector
- 3 Power BI apps
- 4 Embed experience



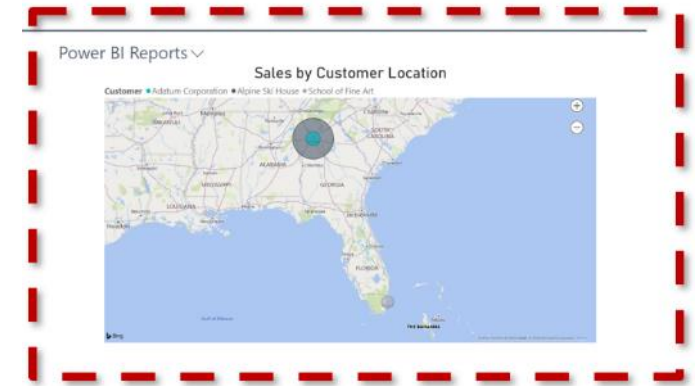
1  
Sample reports



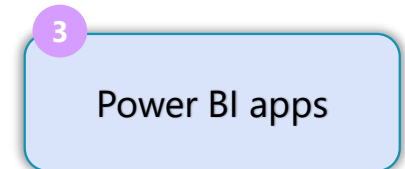
Business Central



## 4 Embed in Role Center



Power BI



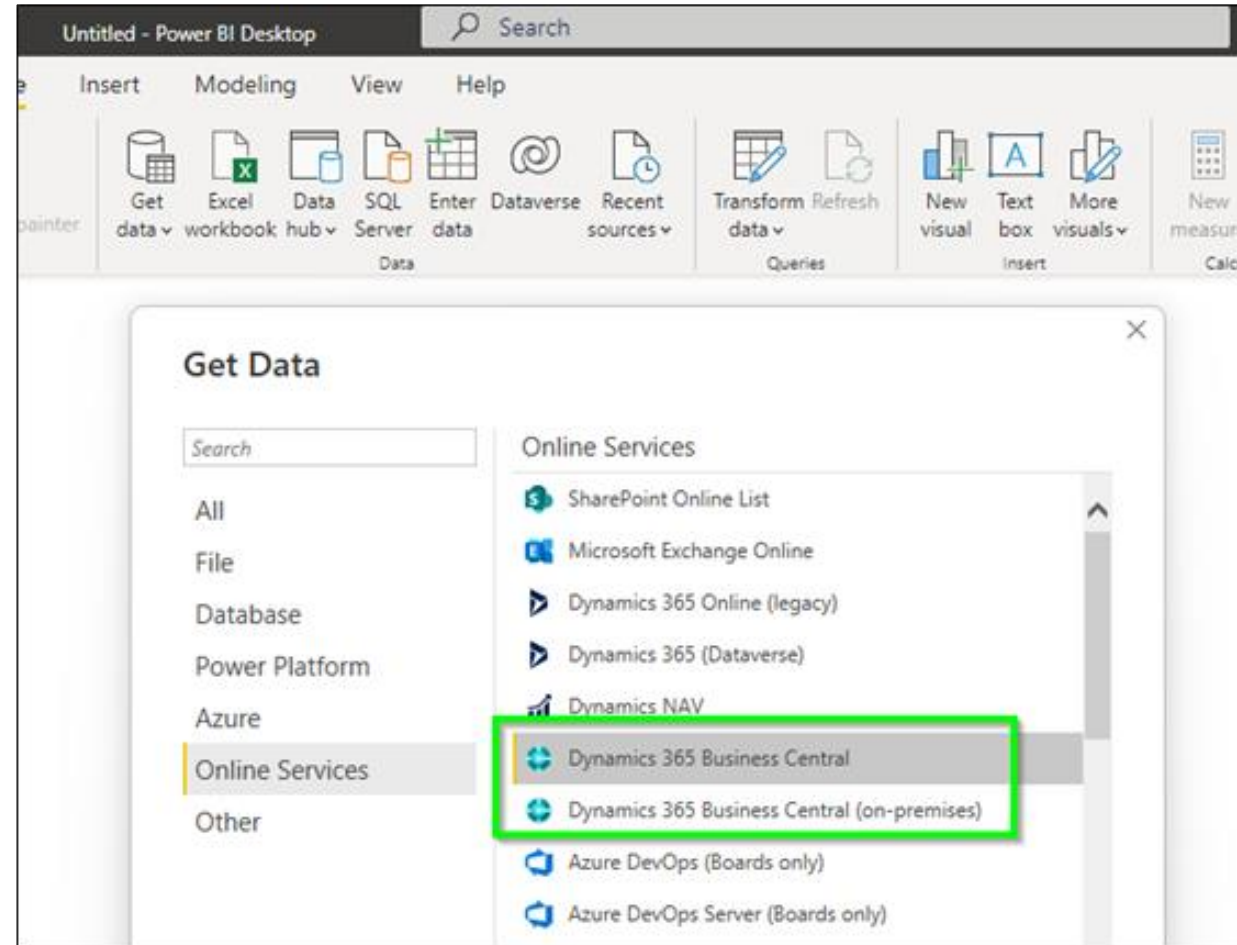
Power BI apps

AppSource



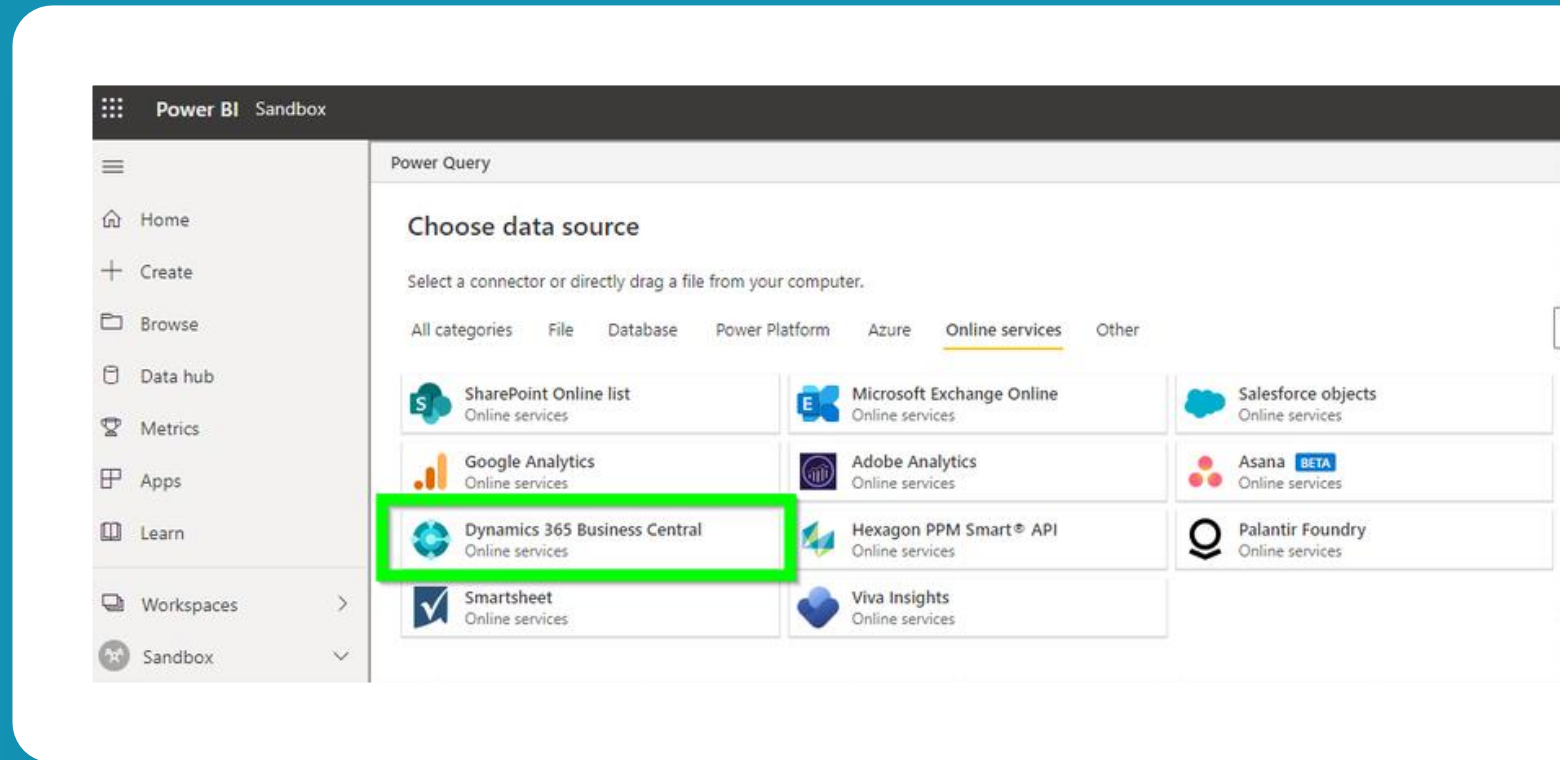
# Power BI connector(s): online and on-premises

- Fully supported in Power BI and included in Power BI Desktop
- Allows accessing any API pages\*
- Covers standard and custom APIs\*
- Covers also (legacy) web services
- Supports read-only replica DB
- ... Excel Organization Data Types
- **New:** Supports Power BI Dataflows\*



# Business Central data available\* in Power BI Dataflows

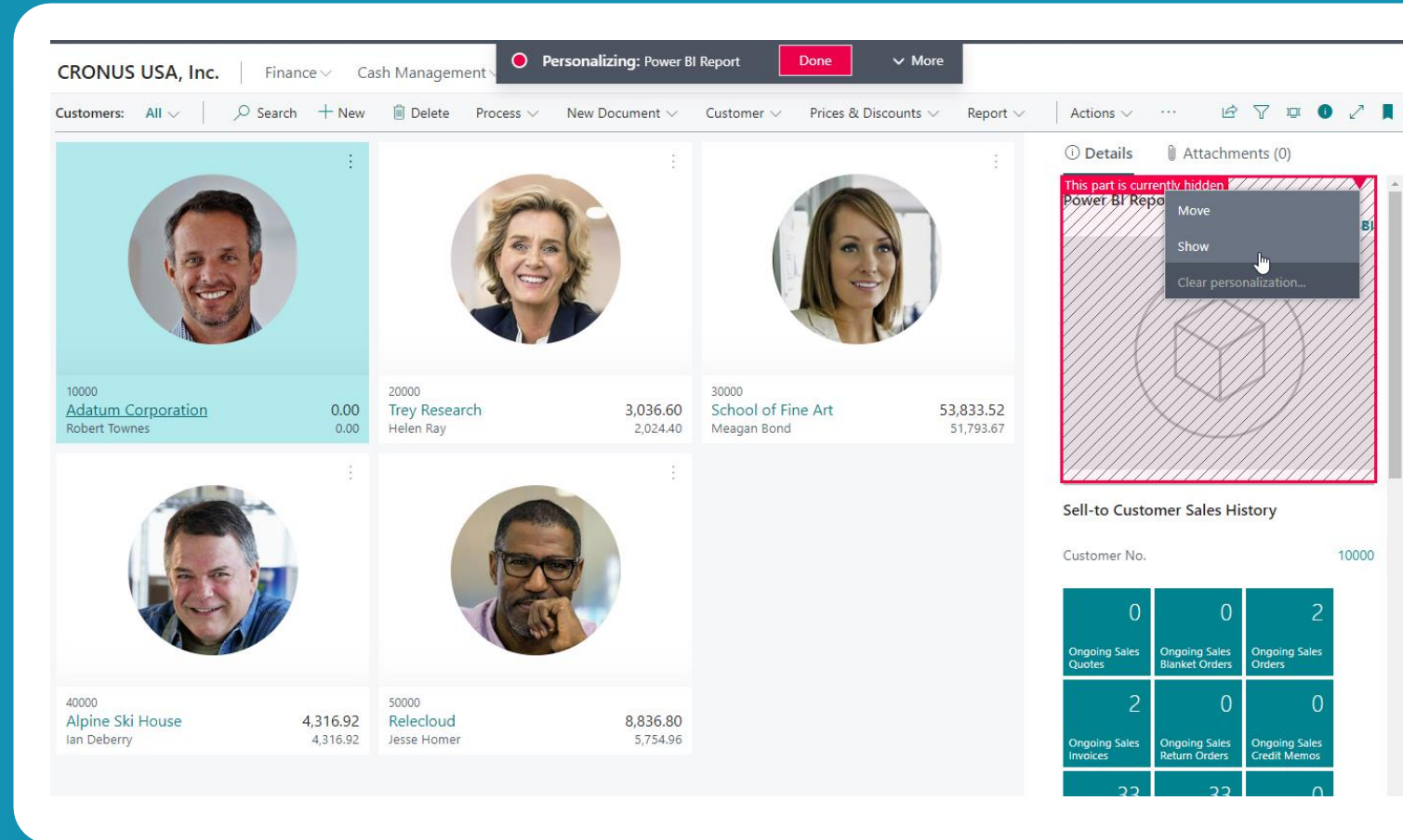
- Business Central data available in **Power BI Dataflows** and in **Power Query Online**
- Complex data refresh and sharing scenarios
- Allows using data directly in Power BI Service without Power BI Desktop



\* Business Central online only, Requires Power BI Pro

# Control visibility of the Power BI factbox on certain list pages

- Discontinued the obsolete “show/hide” action
- Use **Personalization** and/or Role Customization
- *May require end users to **unhide** their Power BI factbox parts on lists*



# Multiple Power BI parts on role centers

- Unblocked repeated Power BI parts on role center pages
- Part can be repeated many times on page
- Demo Role Center file available to download: <https://aka.ms/BCTech>

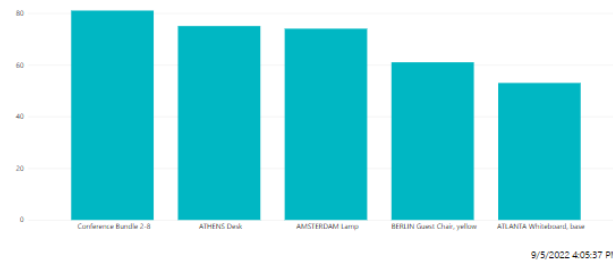
CRONUS USA, Inc. | Finance ▾ Cash Management ▾ Sales ▾ Purchasing ▾ | ☰

Customers Vendors Items Bank Accounts Chart of Accounts

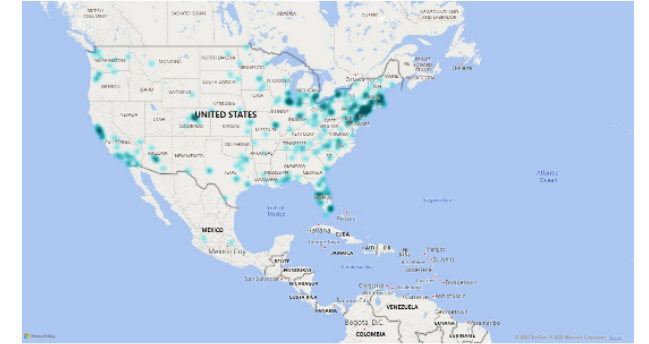
## Insights

### Power BI Report ▾

Top 5 Items Sold by Quantity  
Sandbox21 | CRONUS USA, Inc.

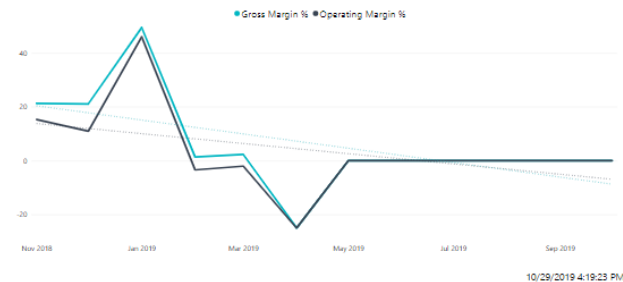


### Power BI Report ▾



### Power BI Report ▾

Actual Net Change by Date & KPI Name  
PRODUCTION | CRONUS USA, Inc.



### Power BI Report ▾

Chart of Account Analysis  
PRODUCTION | CRONUS USA, Inc.

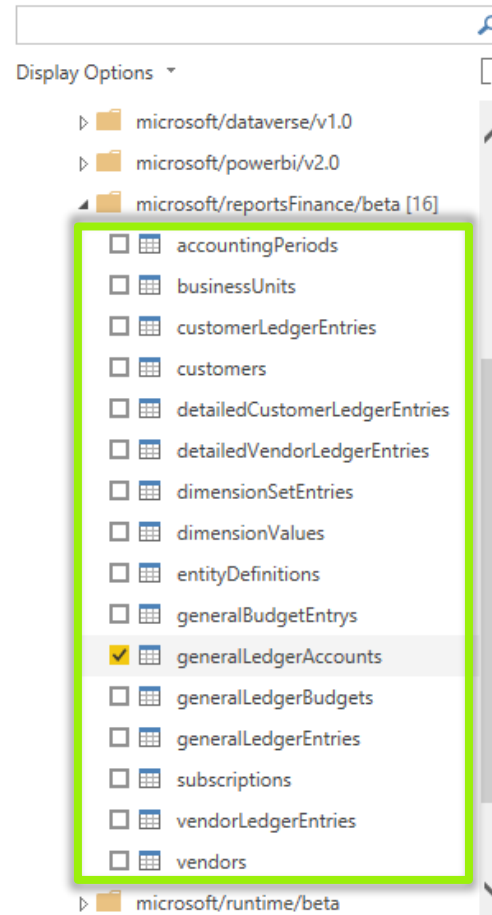
Income Statement

Balance Sheet



# Additional financial APIs for Power BI and Excel layouts

- Sixteen new APIs added
- Covering financial data and dimensions
- Find them under “Advanced APIs” in the data navigator in Power BI Desktop
- Name: **reportsFinance**



generalLedgerAccounts

accountNumber	accountName	accountType	accountCategory	accountSub
10000	BALANCE SHEET	Heading	Assets	
10001	ASSETS	Begin-Total	Assets	
10100	Checking account	Posting	Assets	
10200	Saving account	Posting	Assets	
10300	Petty Cash	Posting	Assets	
10400	Accounts Receivable	Posting	Assets	
10500	Prepaid Rent	Posting	Assets	
10600	Prepaid Insurance	Posting	Assets	
10700	Inventory	Posting	Assets	
10800	Equipment	Posting	Assets	
10900	Accumulated Depreciation	Posting	Assets	
10910	WIP Job Sales	Posting	Assets	
10920	Invoiced Job Sales	Posting	Assets	
10940	Accrued Job Costs	Posting	Assets	
10950	WIP Job Costs	Posting	Assets	
10990	TOTAL ASSETS	End-Total	Assets	
20001	LIABILITIES	Begin-Total	Liabilities	
20100	Accounts Payable	Posting	Liabilities	
20200	Purchase Discounts	Posting	Liabilities	
20300	Purchase Returns & Allowances	Posting	Liabilities	
20400	Deferred Revenue	Posting	Liabilities	
20500	Credit Cards	Posting	Liabilities	
20600	Sales Tax Payable	Posting	Liabilities	

# Power Automate improvements



ANNOUNCING

# Business Central Power Platform Connector

General Availability

April 2022



# Business Central and Power Automate



APPROVAL WORKFLOW  
TEMPLATES\*



ANY\* AUTOMATED  
FLOWS



MANUAL / INSTANT  
FLOWS\*

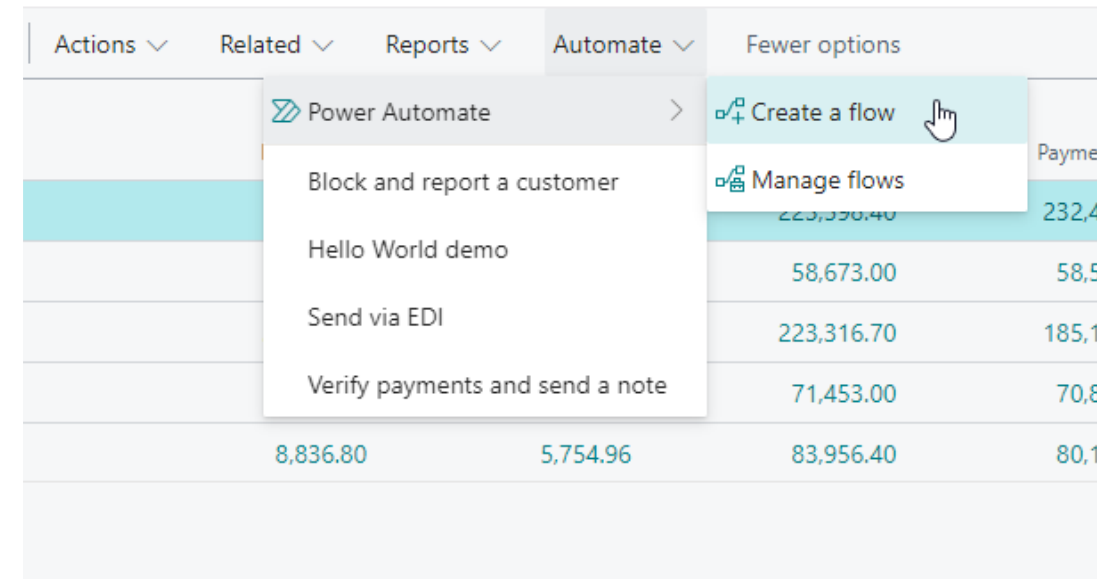
# "Automate" action group\* with Power Automate

## WHAT

- **Enable** "Automate" group on pages
- **Run** chosen flow in the context of the selected record on screen

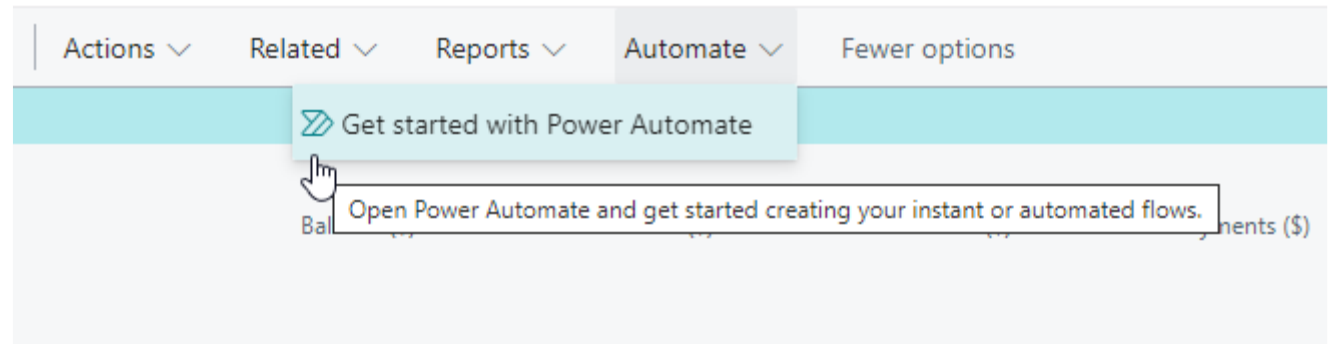
## HOW

- **Use** a special trigger for Power Automate
- **Filter** flows only related to a page/table
- **Pass** context/parameters
- **Enhance** experience with additional input



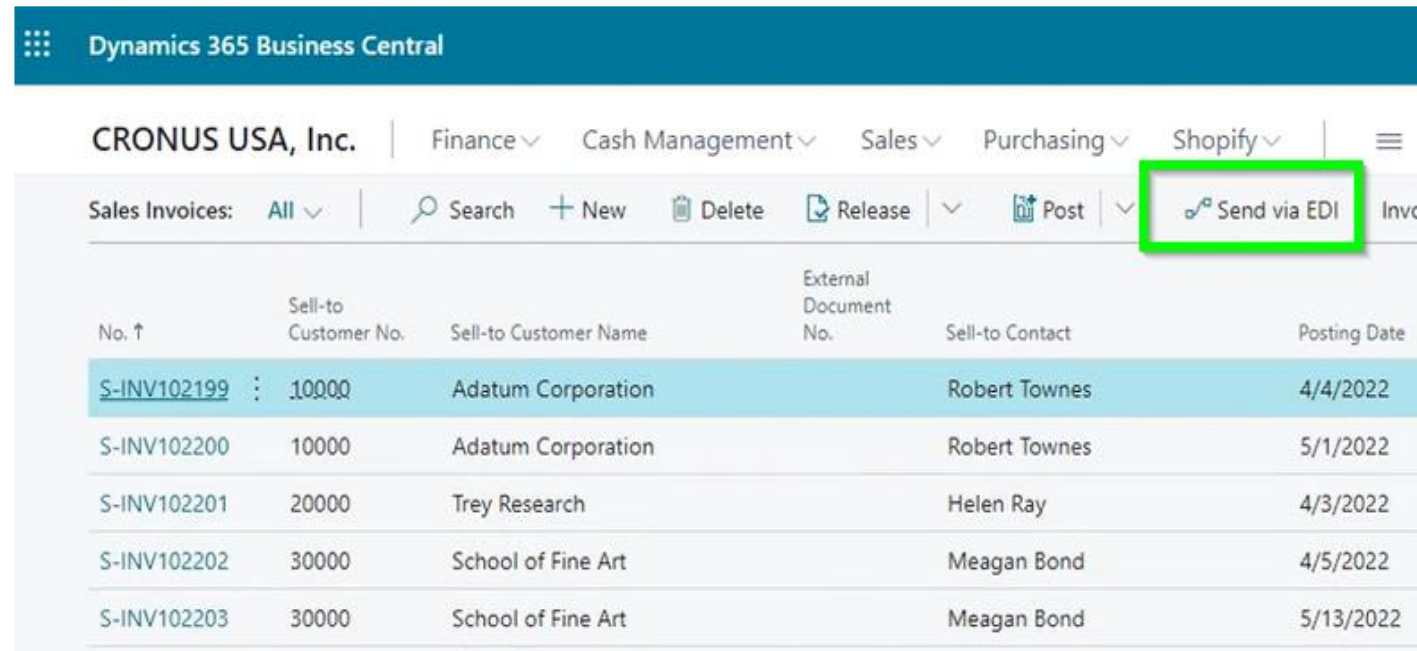
# General: Control access to “Automate” actions

- It's here - “Automate” feature no longer in “Feature management”
- Enabled by default in evaluation/trial companies
- Need to be enabled elsewhere: Added extra instructions to privacy note
- New **permission** per user



# Flexible “Automate” actions

- Refreshed automatically in “Automate” group
- Can be personalized or customized per role
- Can be **promoted**
- ISV: Can be also added or managed in AL



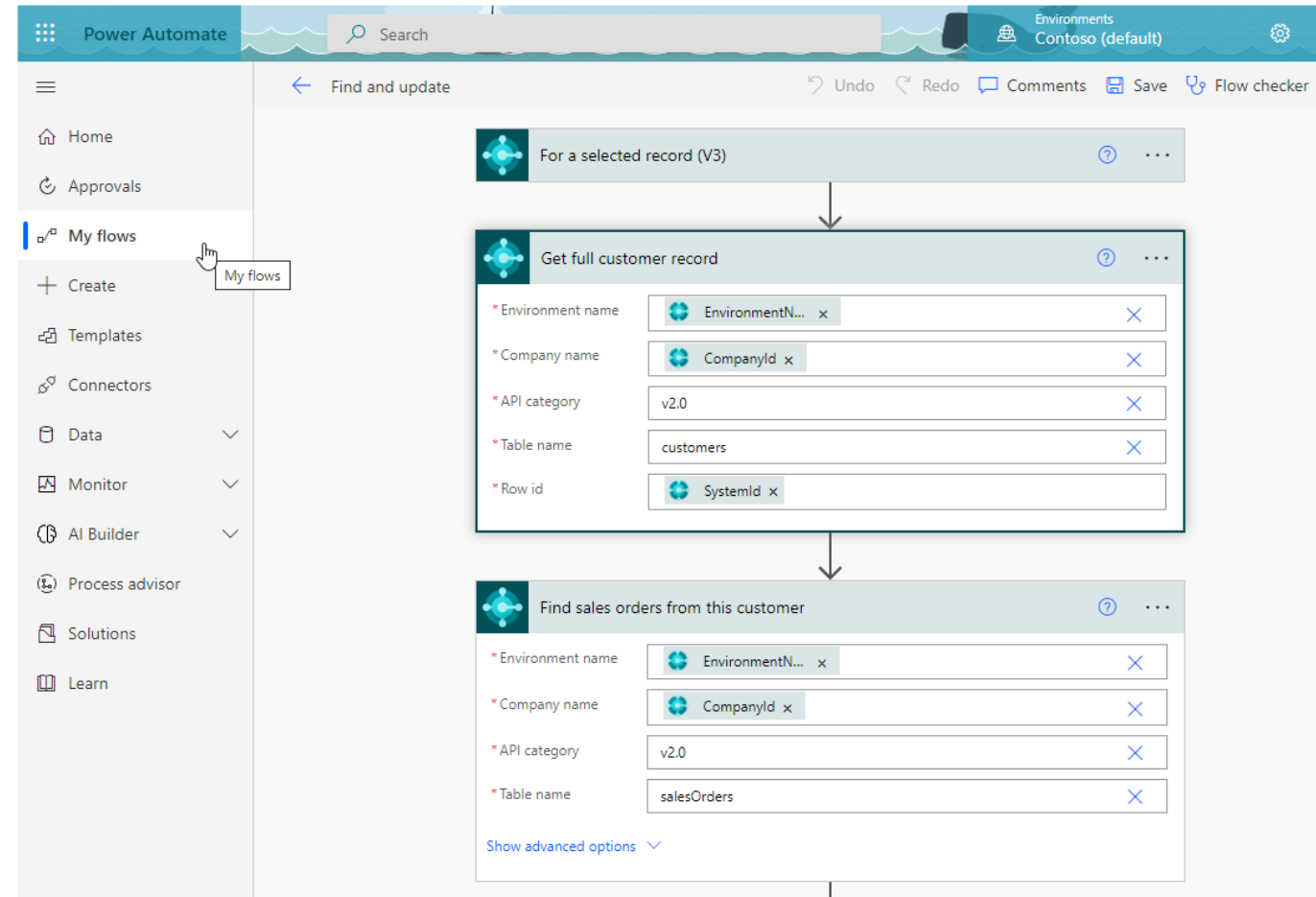
The screenshot displays the Dynamics 365 Business Central interface for CRONUS USA, Inc. The top navigation bar includes tabs for Finance, Cash Management, Sales, Purchasing, and Shopify. The 'Sales' tab is active, showing a list of Sales Invoices. The 'Send via EDI' button is highlighted with a green box. Below the table, a list of sales invoices is shown with columns for No., Sell-to Customer No., Sell-to Customer Name, External Document No., Sell-to Contact, and Posting Date.

No. ↑	Sell-to Customer No.	Sell-to Customer Name	External Document No.	Sell-to Contact	Posting Date
<a href="#">S-INV102199</a>	10000	Adatum Corporation		Robert Townes	4/4/2022
S-INV102200	10000	Adatum Corporation		Robert Townes	5/1/2022
S-INV102201	20000	Trey Research		Helen Ray	4/3/2022
S-INV102202	30000	School of Fine Art		Meagan Bond	4/5/2022
S-INV102203	30000	School of Fine Art		Meagan Bond	5/13/2022



# General improvements in the connector

- Renamed to **Dynamics 365 Business Central** connector
- Improvements in the tooltips and documentation
- Added support for large datasets for "Find records"
- Improved support for nested entities for "Find records"
- Discontinued V1 endpoints

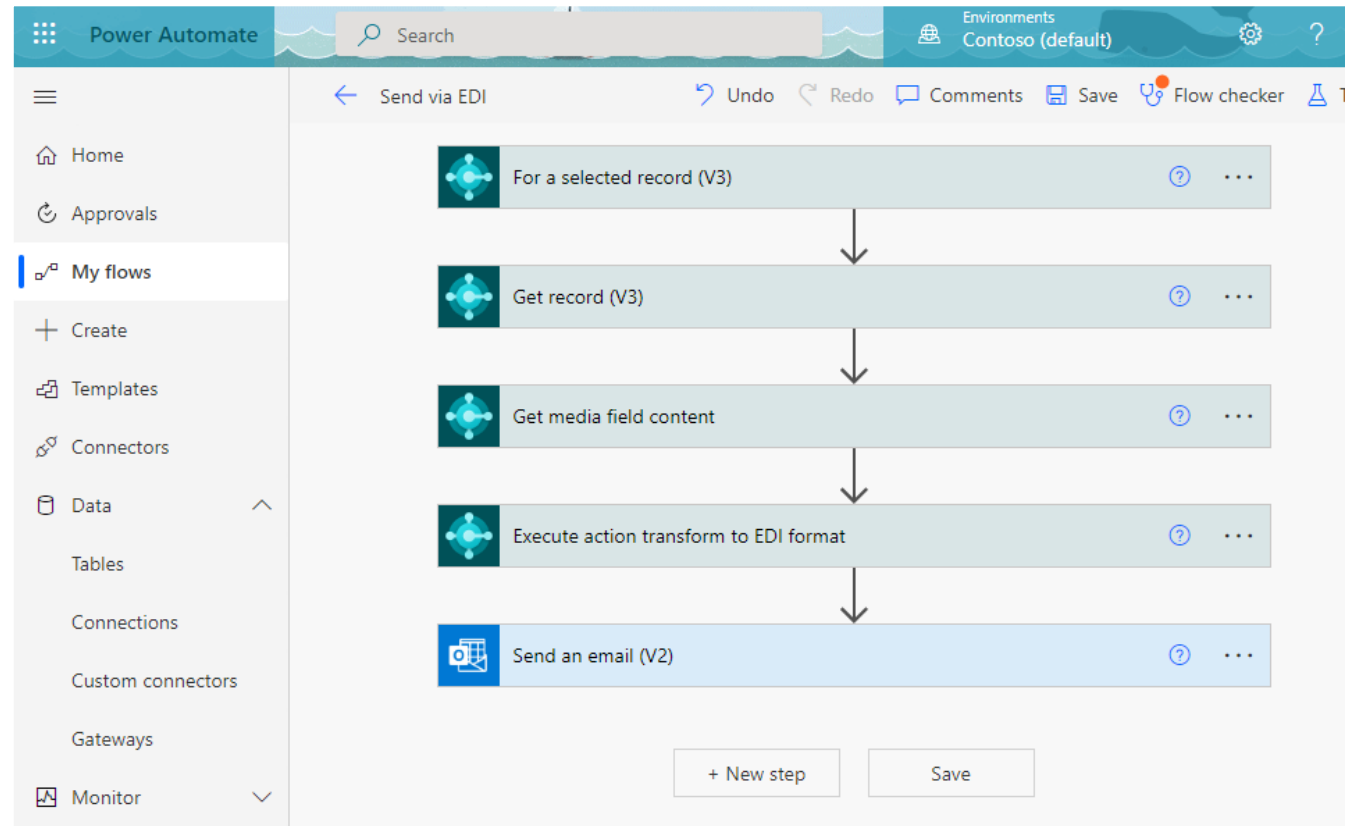




# New: More updates for the connector

Coming later in 2022

- Ability to access and update media type fields (ex. item images)\*
- Ability to access related files from documents (ex. PDF attachments)\*
- Easier access to related records from main entity



\* applies to Power Apps too

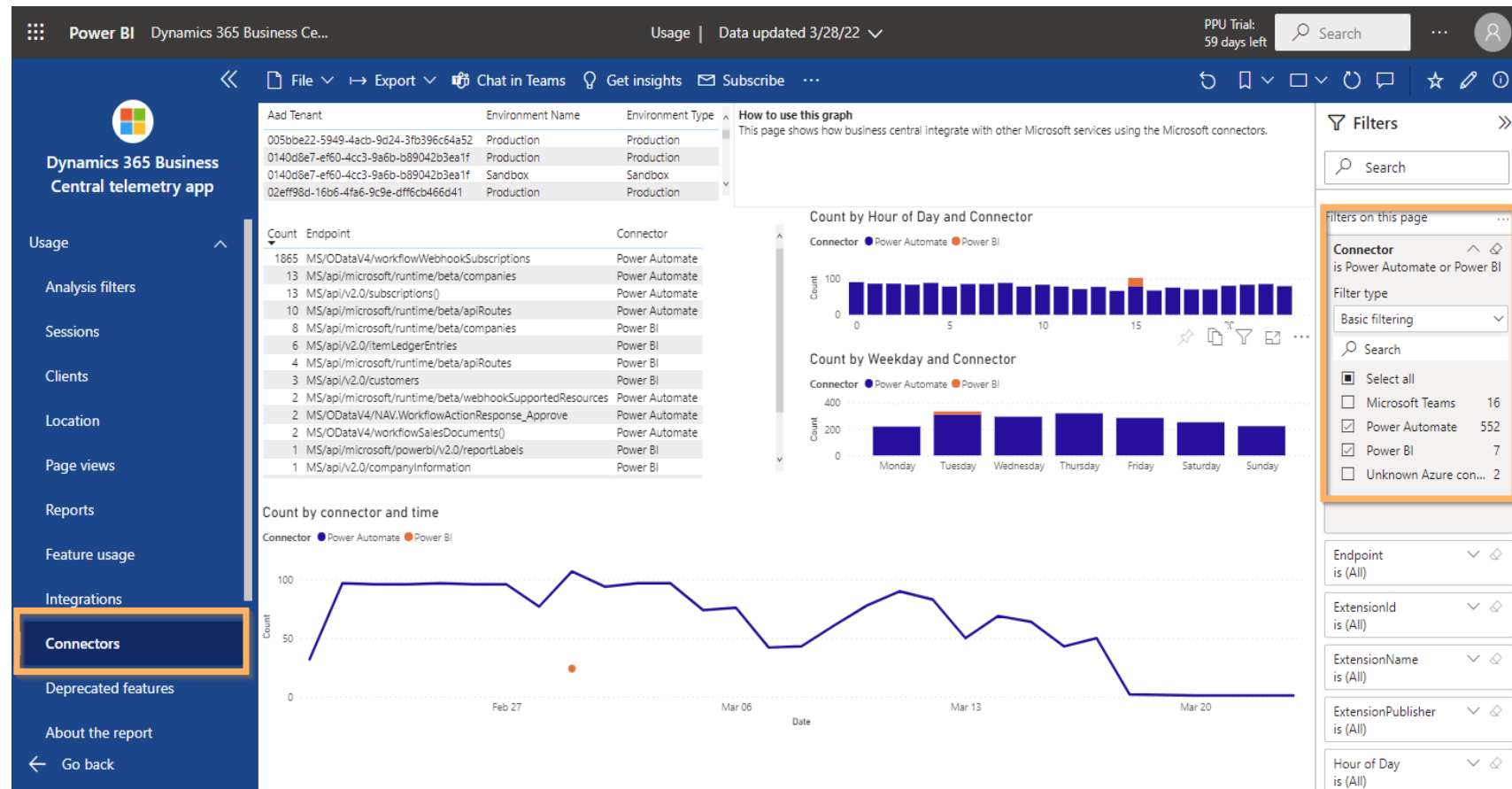
**Additional information...**

# New! Connectors telemetry report

- Telemetry Power BI app **for partners**
- Contains connectors usage for tenants you manage or own
- Uses app insights telemetry entered in admin center



<https://aka.ms/bctelemetryreport>



# Learn more about Business Central and Power Platform

Documentation and samples:



Power BI docs

<https://aka.ms/bcpbi>



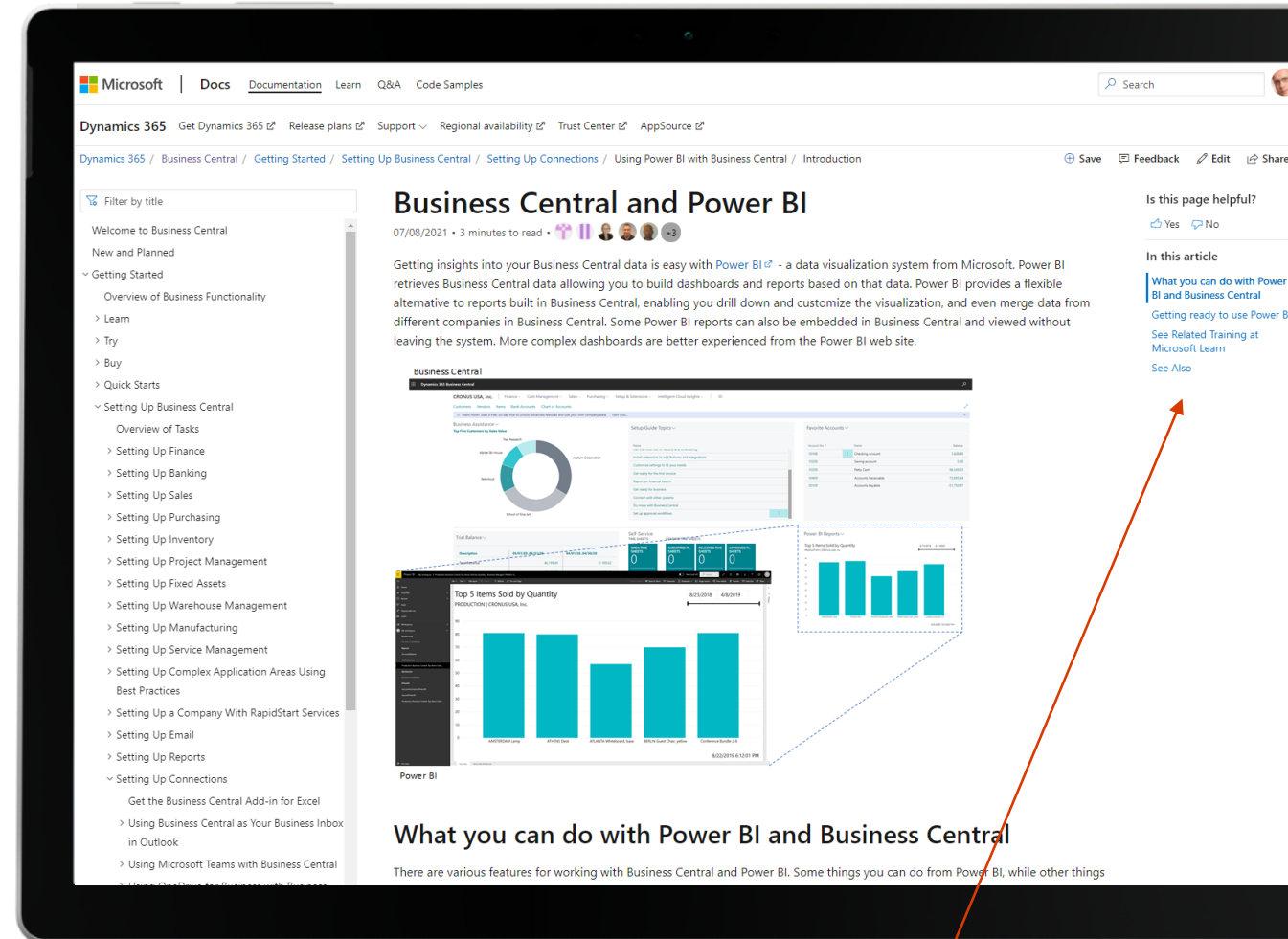
Power Automate docs

<https://aka.ms/bcautomate>



Samples and technology

<https://aka.ms/bctech>



Also: Learn portal

Thank you and see you next time...

