

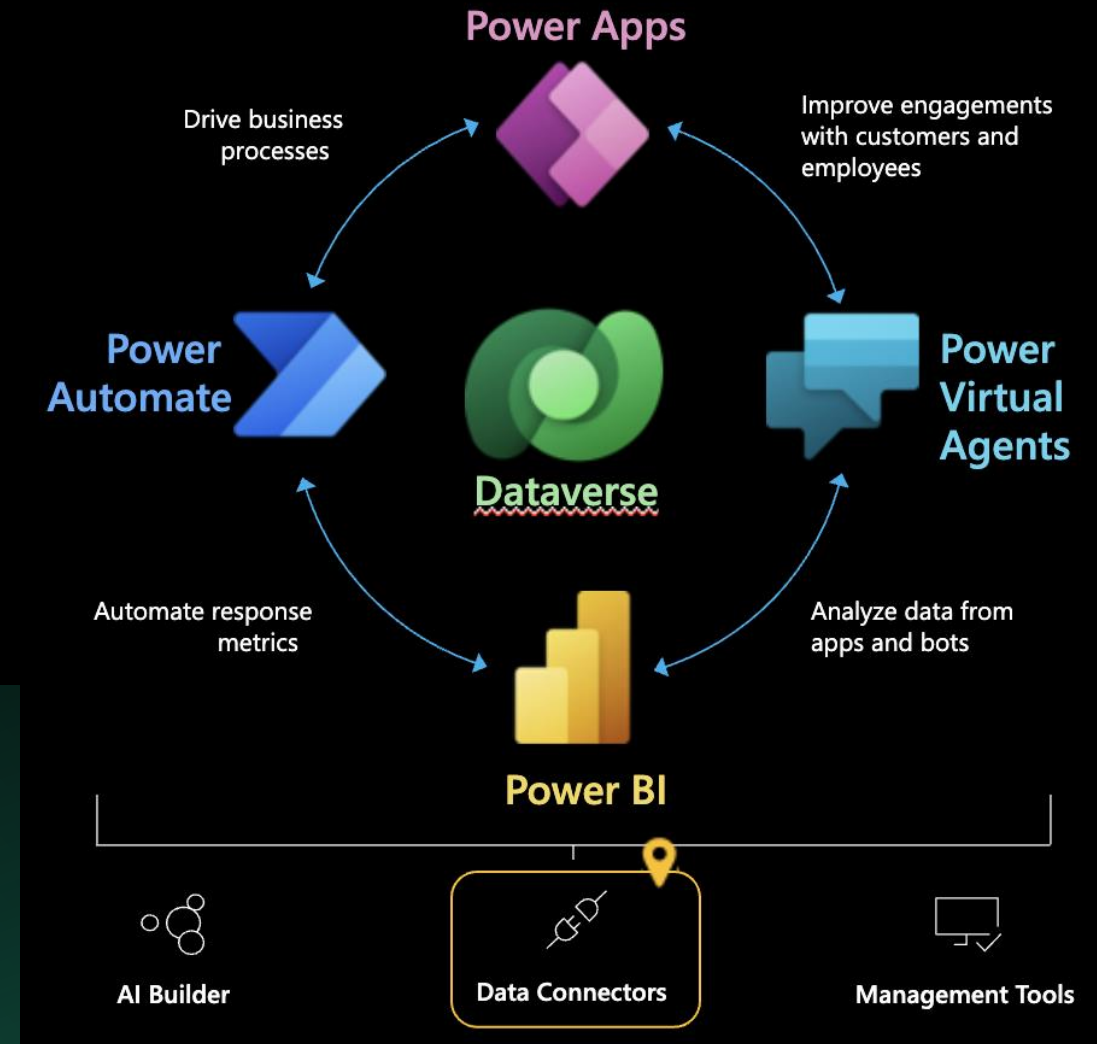
Power Platform + SAP



Digitally transform to be more productive

Empower organizations to:

- Integrate legacy systems with Microsoft cloud-based apps and services
- Streamline and optimize business processes
- Automate workflows
- Customize prebuilt solution apps and flows
- Centrally manage security and compliance





Deeper integration with SAP

New features and enhanced functionality

- Prebuilt SAP accelerator solutions
- Advanced SAP system connection support
- Updated on-premises data gateway
- New Logic Apps functions
- Updated SAP ERP connector

A set of components that work together to communication with SAP:

- Power Apps
- Power Automate cloud flows
- Microsoft Dataverse tables

Power Automate flows automate the business rules behind the scenes while the Power Apps simplify the view of SAP's core business functions:

- Order to Cash (*Coming soon*)
- Procure to Pay (*Available now in preview*)
- Record to Report (*Coming soon*)
- Make to Stock and Make to Order (*Coming soon*)

Prebuilt solution

Download from AppSource & GitHub



4500001047 - Humongous Insurance

Details

Vendor name: Humongous Insurance
Purchasing organization: Health Insurance
Vendor ID: 306

Total (USD)	Currency	Created by	Created on
7,000.00	United States Dollar	ROBINSON	4/27/2023

Header text

Enter header text

Items *

Item ↑	Location	Material	Description	Quantity	Unit
10	0001	PRODUCT1	Desk	2.000	EA
20	0001	PRODUCT2	Projector	3.000	EA


SAP Integration > Apps

- Display name ↑
- Attachments Component
 - Bank Statement Search
 - Common Components
 - Cost Center Search
 - Customer Payment Search
 - Customer Search
 - Delivery Search
 - Equipment Search
 - Financial Documents Search
 - GL Account Search
 - Goods Movement Search
 - Header and Menu Components
 - Material Search
 - Profit Center Search


PowerApps
? ...


Order
? ...




BAPI_PO_RELEASE (Preview)
? ...

* SAP system	<div>[a] SAP Developm... x</div>
* RFC name	<div>BAPI_PO_RELEASE X</div>
RFC Group filter	<div>*:All RFC groups V</div>
Session Id	<div>The optional stateful session Id as a string for stateful RFC. If no session Id is pr</div>
* PO_REL_CODE	<div>01</div>
PURCHASEORDER	<div>{x} Order x</div>
COMMIT	<div>Commit Work Yes/No</div>
USE_EXCEPTIONS	<div>Set Exceptions and Issue Error Messages</div>
RETURN	<div>Return Messages 📋</div>

Show advanced options ▼



Power Automate flows

Prebuilt flows utilize released APIs from SAP and work in any organization's SAP environment—regardless of version.

Microsoft Power Apps

Search

Objects

Search

All (3)

- Apps (0)
- Chatbots (0)
- Cloud flows (1)
- Environment variables (2)
- Tables (0)

SAP Configuration > All

Display name ↑	Name ↓	Type
SAP Development Server	SAPDevelopmentmen...	Envi...
SAP Development Server	SAPDevelopmentmen...	Envi...
SAP Test Flow	SAP Test Flow	Cloud

New environment variable

Environment variables can have different values when re-used, enter information about this variable so that future users can understand its purpose. [Learn more](#)

Display name *

SAP Development Server

Name *

SAPDevelopmentServer

Description

Data Type *

Data source

Connector *

SAP ERP

Client

100

System ID

Connection Type *

Application Server

Application Server Host *

sap.example.com

Application Server Service

Save Cancel

Advanced SAP connection support

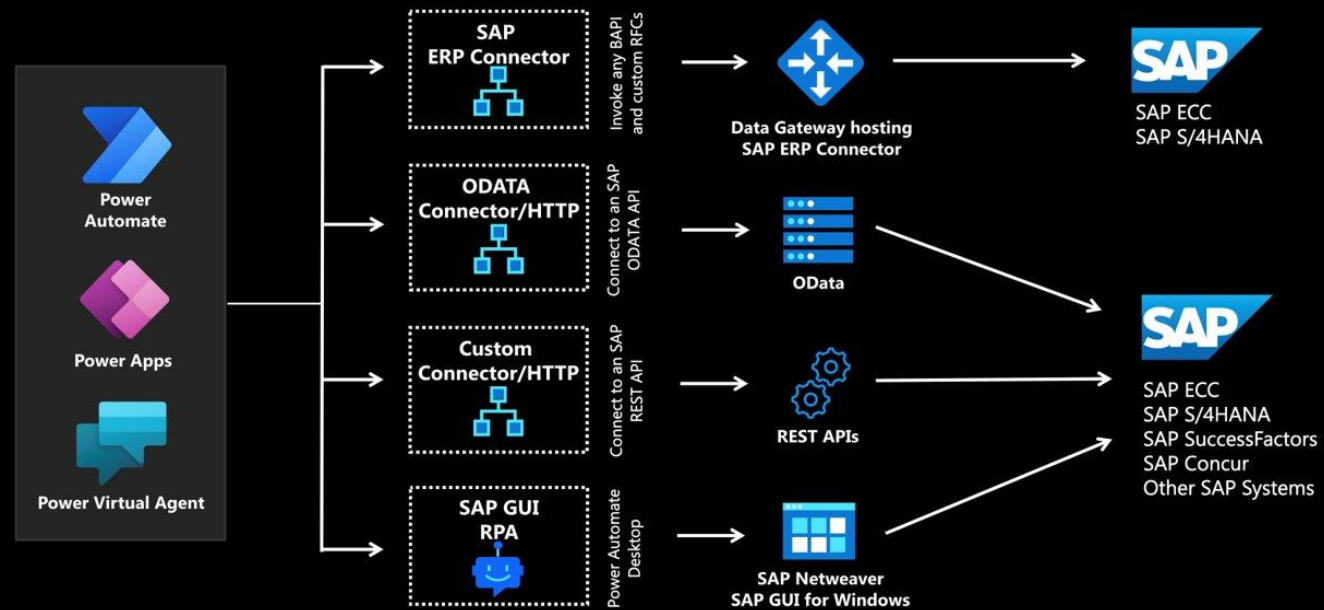
Utilize advanced connection parameters to govern user sessions.

SAP integration with Power Platform now supports:

- Message servers that support load balancing
- Gateway servers
- Advanced SSO configurations with Kerberos delegation

*Through preview, available through JSON environment variables in solutions.

On-Premises Data Gateway



- Incorporates advanced system connections
- Seamless SSO Backward compatibility for existing customers

Enhanced SAP ERP connector

- Incorporates advanced connections
- Loads complex APIs
- Unifies Logic Apps and Power Automate connectors
- Adds XML support
- Better performance
- Special action for RFC_READ_TABLE

The screenshot shows the configuration interface for the 'BAPI PO RELEASE (Preview)' connector. The window has a red header bar with a database icon and the title 'BAPI PO RELEASE (Preview)'. Below the header, there are several input fields for configuration:

- * SAP system:** A dropdown menu showing 'SAP Developm...' with a close button (x).
- * RFC name:** A text box containing 'BAPI_PO_RELEASE' with a clear button (X).
- RFC Group filter:** A dropdown menu showing '*:All RFC groups' with a downward arrow.
- Session Id:** A text box with placeholder text: 'The optional stateful session Id as a string for stateful RFC. If no session Id is pr'.
- * PO_REL_CODE:** A text box containing '01'.
- * PURCHASEORDER:** A dropdown menu showing '{x} Order' with a close button (x).
- NO_COMMIT:** A text box containing 'Commit Work Yes/No'.
- USE_EXCEPTIONS:** A text box containing 'Set Exceptions and Issue Error Messages'.
- RETURN:** A dashed box containing a text box with 'Return Messages' and a calendar icon.

At the bottom, there is a link 'Show advanced options' with a downward arrow.

New Logic Apps functions

- isInt
- chunk
- sort
- reverse
- dateDifference
- isFloat

The screenshot shows the Logic Apps designer interface. On the left, a table titled 'SMVT ITEM' contains the following data:

PO_ITEM	
MATERIAL	
PO_NUMBER	
ENTRY_QNT	
ENTRY_UOM	
PLANT	
NO_MORE_GR	X
MOVE_TYPE	101
MVT_IND	B
STGE_LOC	0001
VENDOR	
Enter key	Enter value

On the right, the 'Expression' tab is active, showing a function palette. The 'if' function is selected, and the expression editor contains the following code:

```
if(isInt(item()['Material']), formatNumber(
```

The function palette lists the following functions:

- String functions** (See more)
- concat(text_1, text_2?, ...)**
Combines any number of strings together
- Collection** (See more)
- contains(collection, value)**
Returns true if a dictionary contains a key, if an array con...
- length(collection)**
Returns the number of elements in an array or string
- Logical functions** (See more)



SAP accelerators with Power Platform value

Time to value

Out-of-the-box solutions mean you don't need to spend months researching and experimenting with APIs to get flows working.

No technical debt

Avoiding custom code in SAP creates a lower technical debt load and positions an organization for smooth upgrades in the future.

Sustainability

SAP's published APIs have been supported for decades. The flows will continue to work as long as SAP supports their core APIs.