



# Microsoft Azure Solution Summit

Gemeinsam Cloud neu denken

#SummITup





# SAP und Power Platform

Holger Bruchelt

#SummiTup



# Why Microsoft Cloud for SAP



# Microsoft Power Platform

No code, low code, and code first—all are welcome



## Power BI

for low-code data exploration, analytics and reporting



## Power Apps

for low-code web and mobile application development



## Power Automate

for low-code robotic process automation or workflow automation



## Power Virtual Agents

for low-code chatbots and conversational agents



Dataverse



AI Builder



Data Connectors

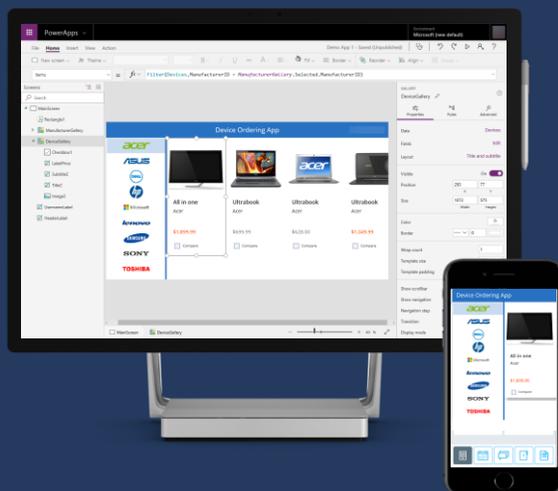


Power Fx



## Power Apps

A low-code approach to building apps



Easily build web & mobile apps with a full featured low-code/no-code platform (primarily LOB + B2E apps today)

Connect to your existing data with 500+ pre-built connectors and custom connectors

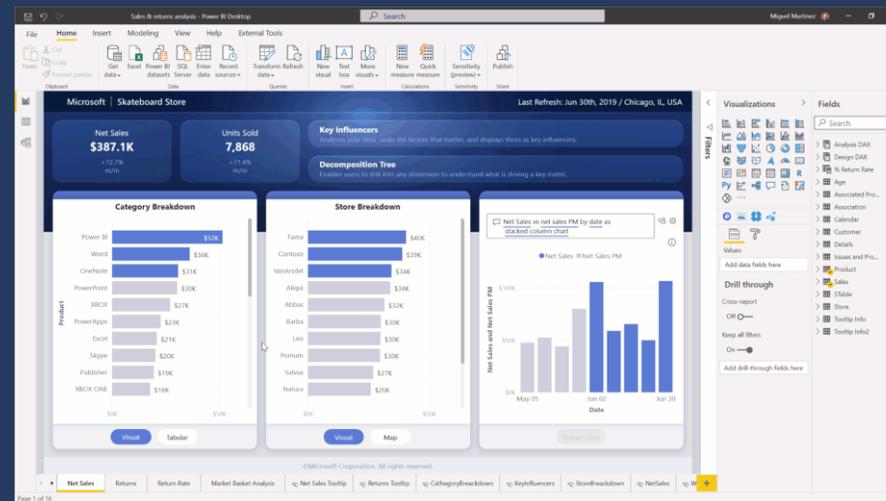
Strong enterprise governance & security

Pro-dev extensibility enable "no limits" development



## Power BI

A low-code approach to self-service BI



Drive a data culture for everyone, every decision, at any scale

Empower every individual with familiar data experiences and AI infused insights

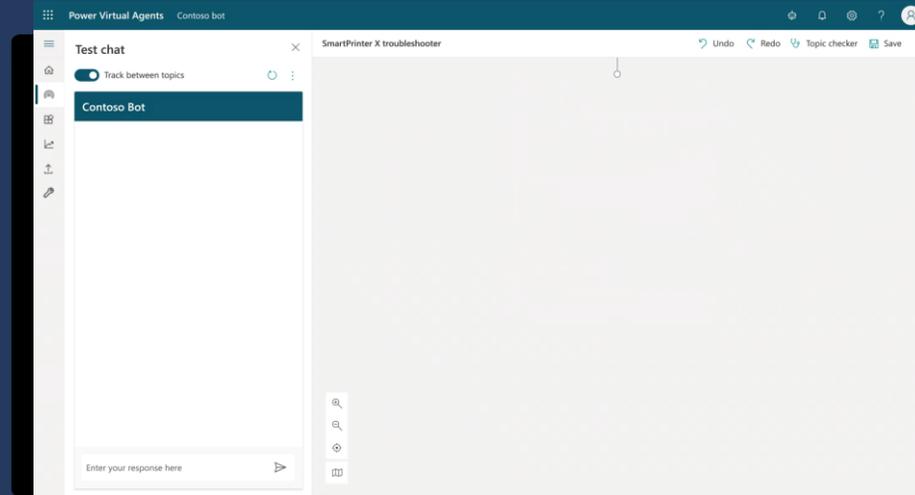
Infuse teamwork with data by weaving BI into the fabric of where you work

Scale to 100,000s of users, meeting the most demanding enterprise needs



## Power Virtual Agents

### A low-code approach to conversation



Engage with your customers and employees conversationally. Resolve routine issues easily, freeing up staff to focus on complex matters

Empower your subject matter experts. Easily create powerful bots using a guided, no-code graphical interface and AI-driven suggestions

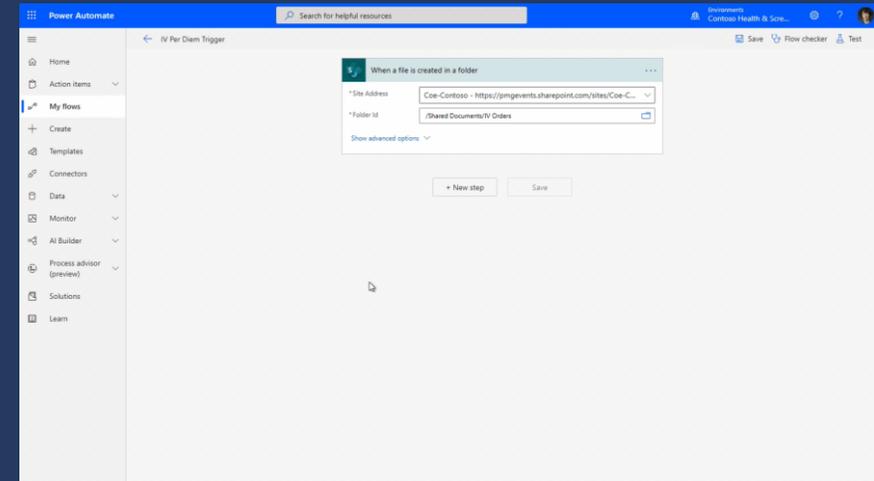
Less talk more action. Leverage all the Power Platform connectors or call APIs and custom processes using Power Automate

Easily extend your bots. Add even more complex capabilities using Microsoft Bot Framework



## Power Automate

### A low-code approach to automation



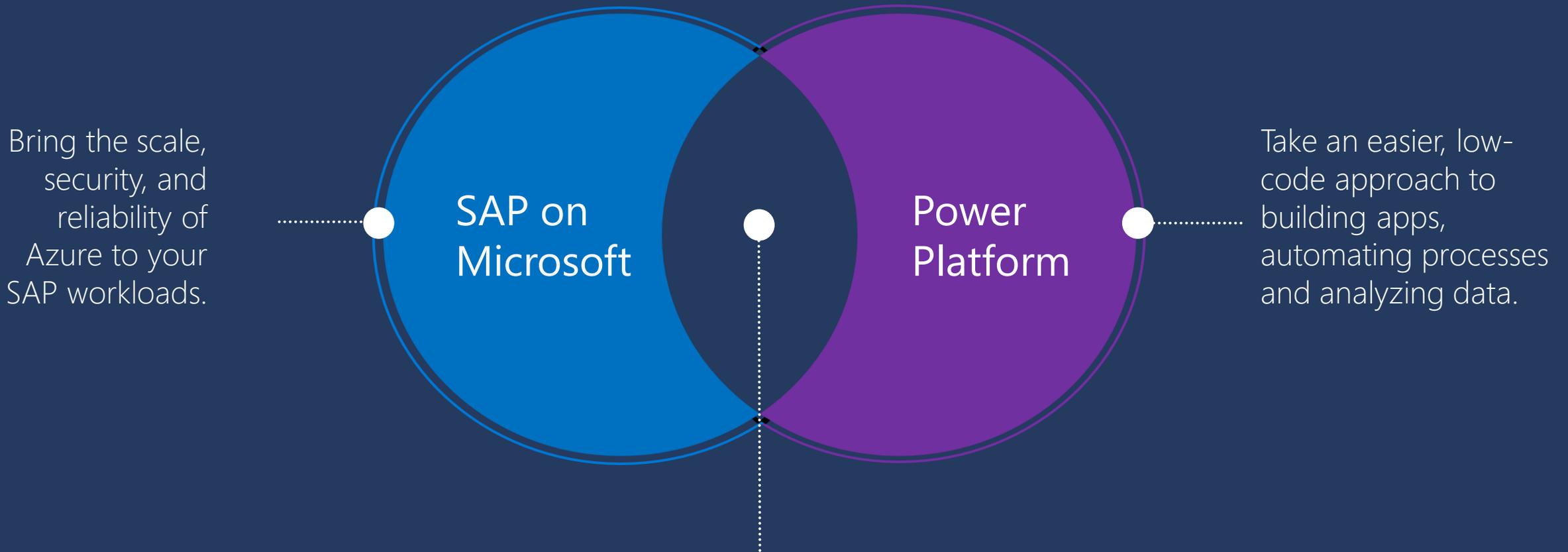
Model business processes and automate workflows and your apps and services

Connect to all your data with 500+ pre-built connectors, RPA and custom connectors

Strong enterprise governance and security

Pro-dev extensibility with Azure and custom logic

# Powerful platforms, better together



Empower everyone in your organization to build more productive SAP solutions, from deeper analytics to more efficient business processes - all while protecting mission critical SAP data.

# Power Platform use case: customer experience

Take the complex and make it easy, using our low-code platform

## Customer service



### Power Virtual Agent

Customer updates order information inside bot.

## Order processing



### Power Automate

Power Automate triggers order and requests for internal approvals.

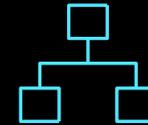
## Frontline support



### Power Apps

Power Apps mobile app locates item and enables barcode scan.

## SAP integration



### SAP ERP Connector

Order information is sent to S/4HANA using SAP connector.

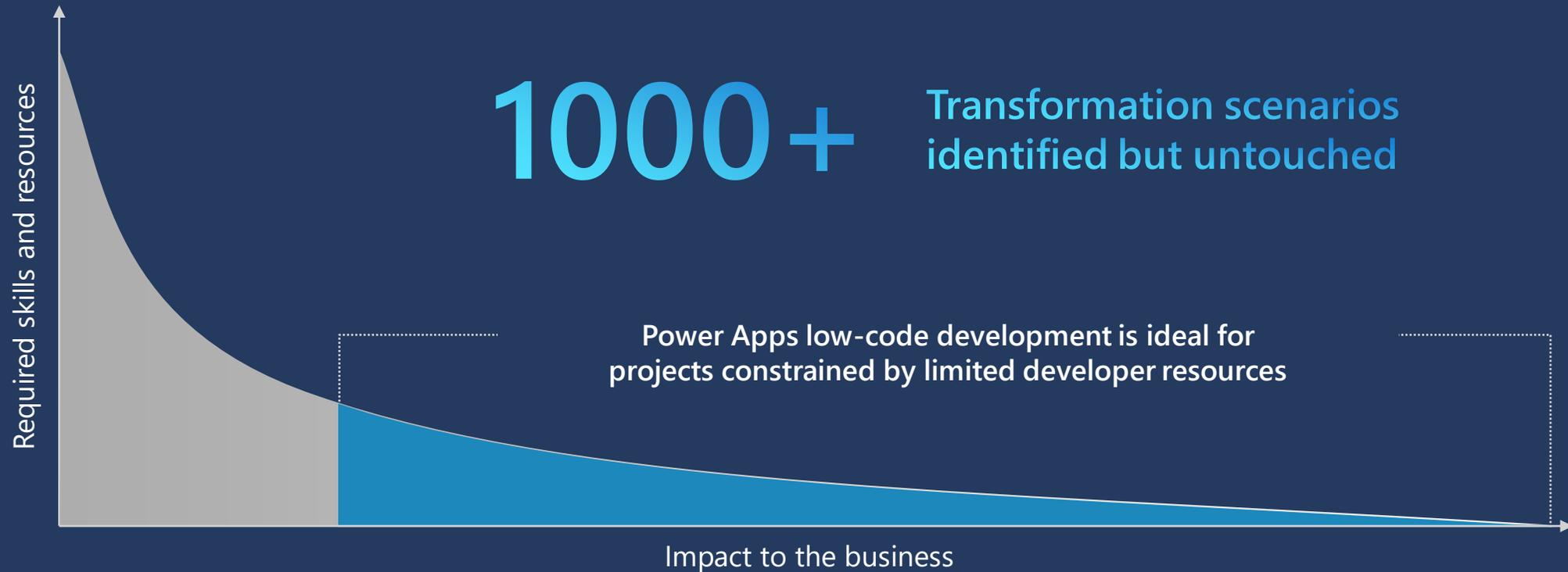
## Visualization



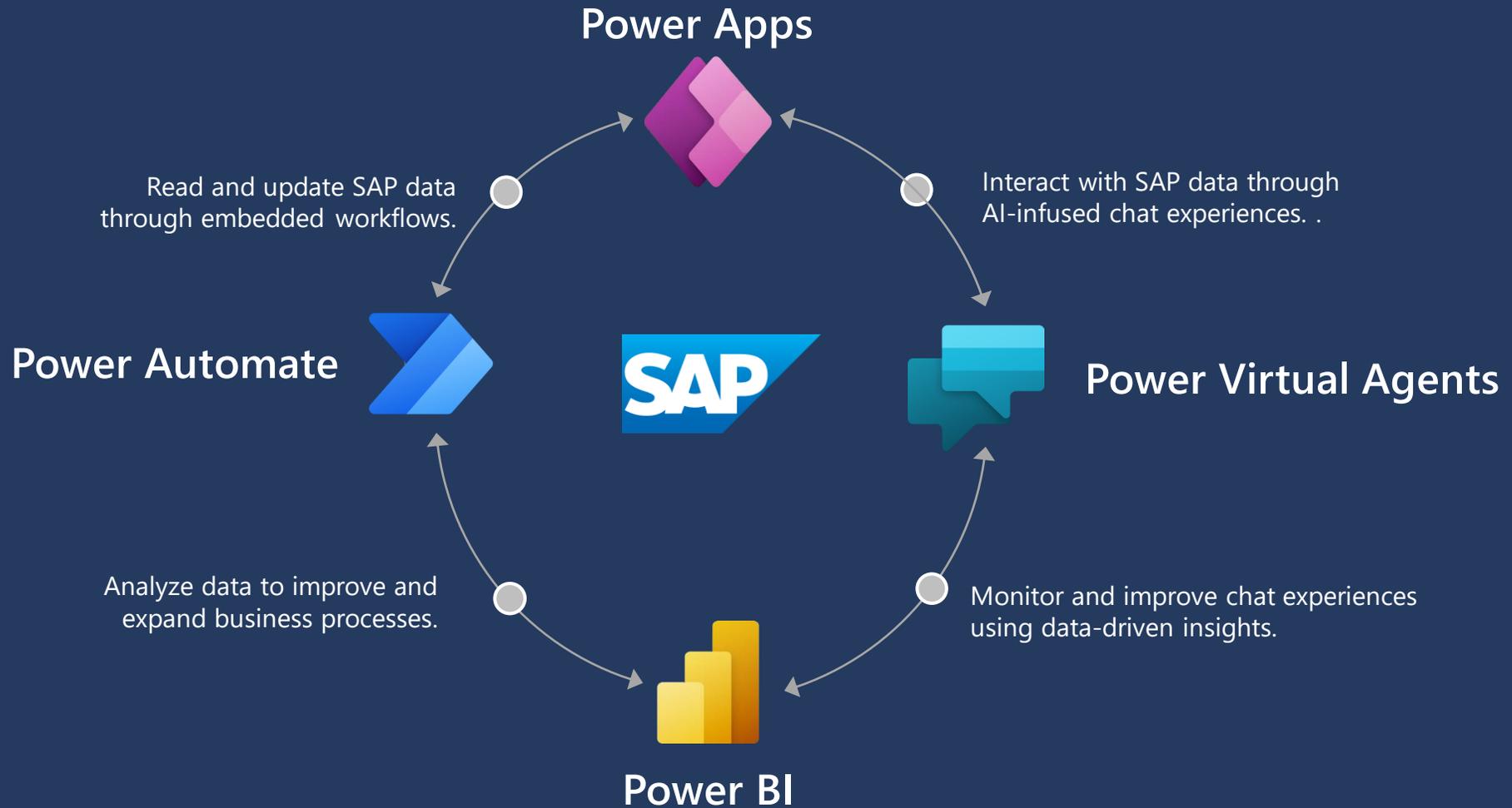
### Power BI

Power BI dashboard is updated with new order in real time.

# Power Platform can cover new & evolving scenarios with new developer economics



# Power Platform + SAP in action



# Optimize and protect your SAP data

OPTIMIZE

Power Apps



**ACT**

on SAP data through low-code apps.

Power Automate



**AUTOMATE**

SAP business processes and connections.

Power BI



**ANALYZE**

SAP data with low-code reporting and dashboards.

Power Virtual Agents



**ASSIST**

users with SAP-connected chat experiences.

The SAP logo, featuring the word "SAP" in white on a blue trapezoidal background, centered on a horizontal line that spans the width of the diagram.

PROTECT



**GOVERN**

use of SAP data through automated DLP policies.



**CONTROL**

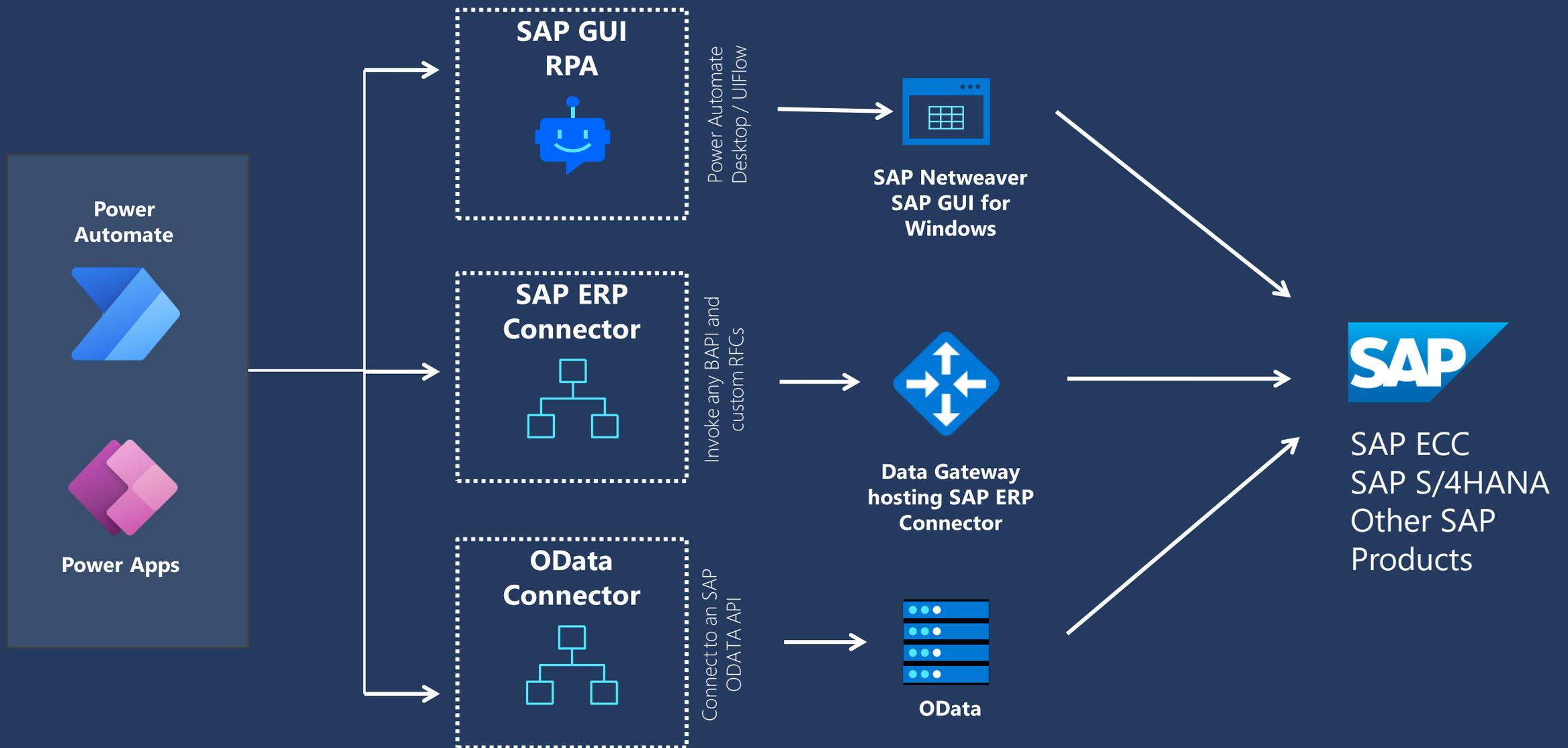
access to apps, flows and SAP connectors with Azure Active Directory.



**MONITOR**

users and developers through the Power Platform admin console.

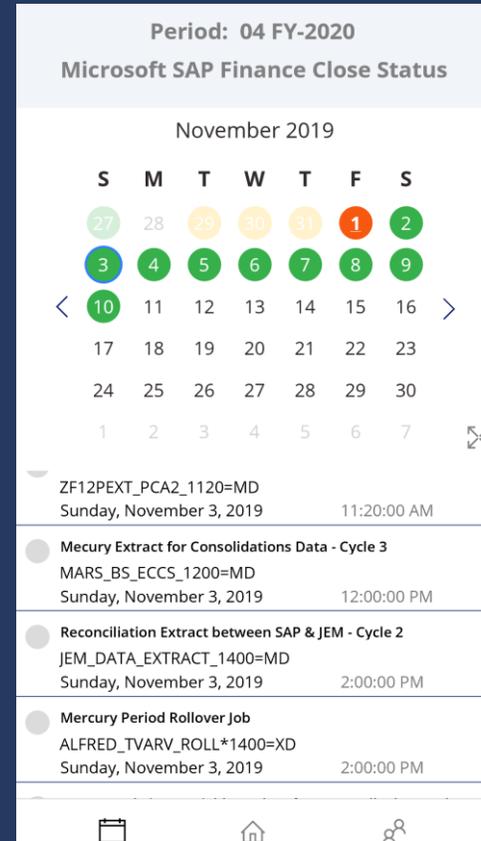
# SAP connectivity options for Power Platform



# Power Apps

## Empower everyone to create SAP apps

- Use Power Apps to rapidly create web and mobile front ends using a drag and drop UI.
- Build once and deploy apps in one click across iOS, Android, Windows, and Web.
- Customize every detail of an app to optimize for specific tasks, roles, and industries.
- Enable pro developers to create re-usable components to share with citizen developers
- Connect to SAP using pre-built or custom connectors.



Power Apps solution for Microsoft Finance SAP

DEMO

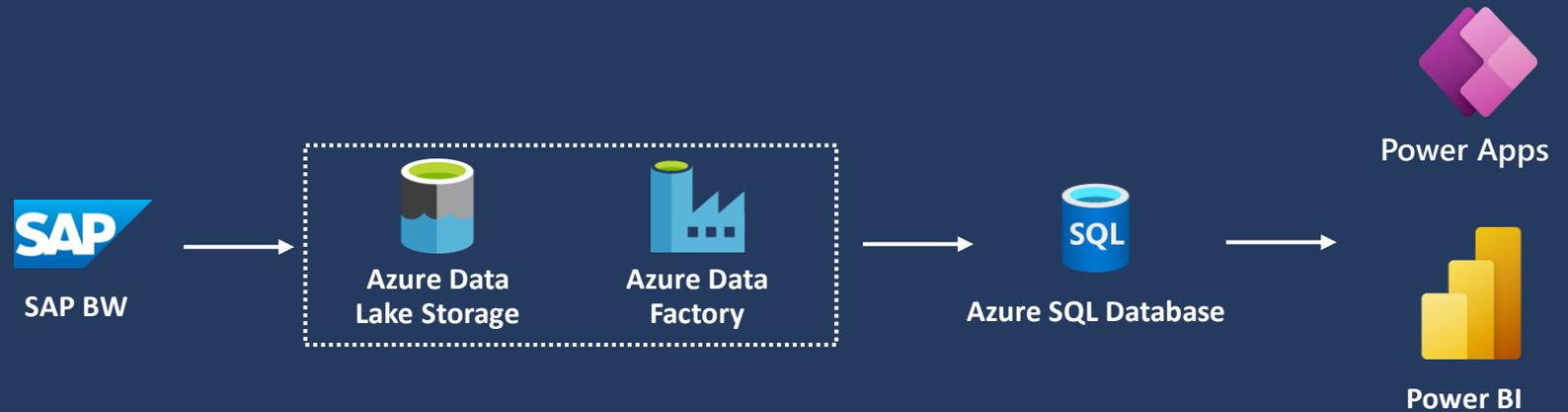
Power Apps

# Create a center of excellence, like Rockwell Automation



“The key is not just Azure, but it’s how integrated the (parts of the) Azure solution are with each other, and we are seeing that with Azure Synapse Analytics. (Azure Synapse Analytics) has truly integrated all of these pieces together.”

Chris Wagner  
Enterprise Architect,  
Rockwell Automation



## Situation

Rockwell Automation is a world leader in industrial automation and information. In 2014, Rockwell leadership initiated the setup of a business intelligence center of excellence (BI CoE) to provide the enterprise with meaningful business insights through high-quality data and information.

## Solution

The HR team implemented a new method of evaluating employees using Azure and Power BI. The HR department designed a process that includes using the data in the data lake, Power Apps, and Power BI to allow managers to rate employees. The results are immediately available to analyze and determine employees that are at risk of leaving the company, key employees of focus, employees who are high performers, and other metrics.

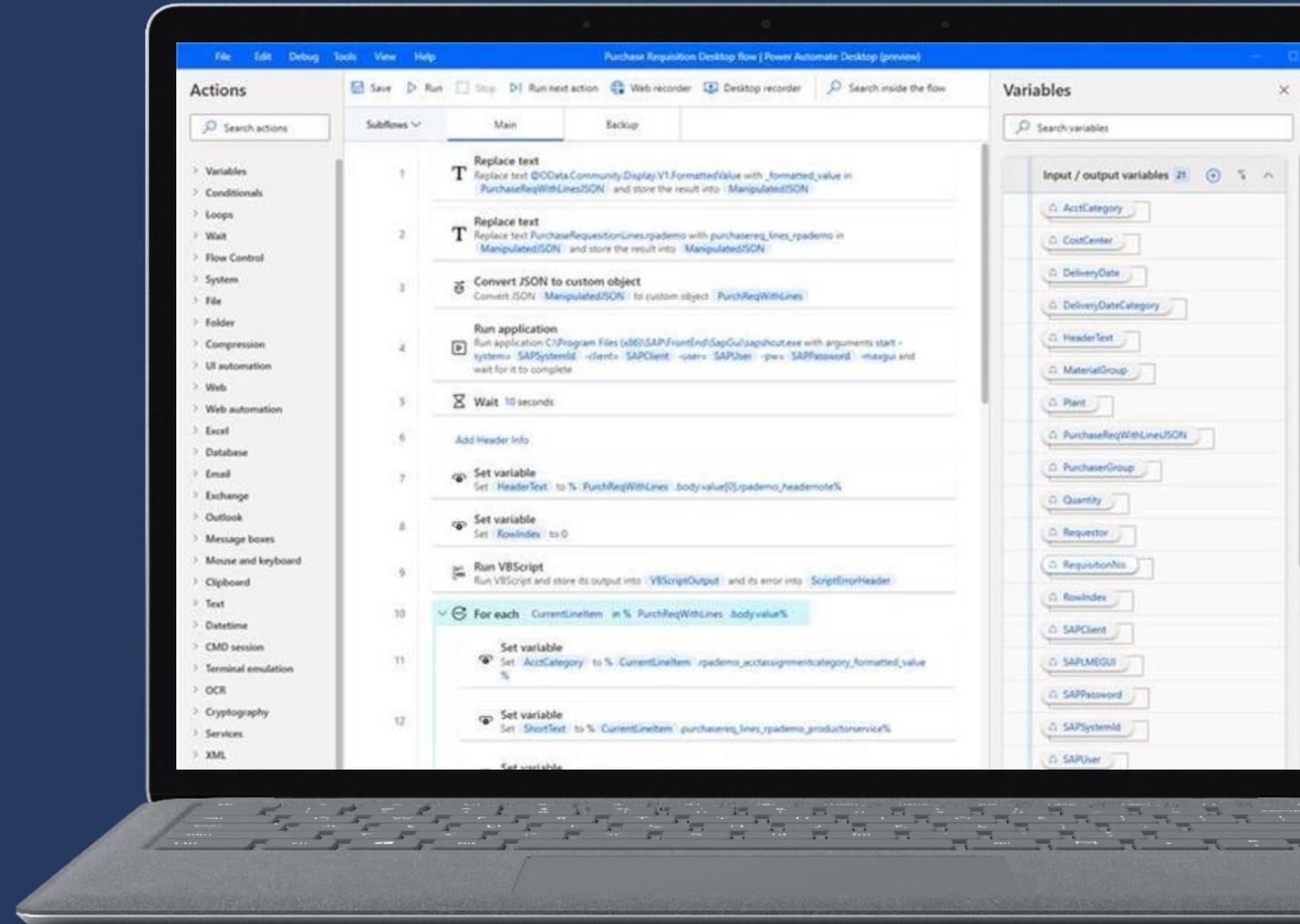
## Impact

By developing a PaaS Azure and Power BI solution, Rockwell Automation has been able to change the culture of their company to deliver agile and data-driven solutions. Through working closely with the user community, the DA&I team now understands consumer needs and can develop solutions and provide information that help employees accomplish their goals.

# Power Automate

## Automate business processes across Power Platform

- Expand and improve SAP business processes with integrated RPA workflows.
- Send automatic reminders for past due tasks.
- Move business data between systems on a schedule.
- Connect to SAP and over 400 other data sources or any publicly available API.
- Create a flow once and enable makers to use it across the Power Platform.
- Parallel and multi-tasking on the same machine with Power Automate desktop



DEMO

Power Automate



**Customer:**  
Coca-Cola Bottling Company United

**Industry:**  
Consumer Goods

**Size:**  
10,000+ employees

**Country:**  
United States

**Products and services:**  
Microsoft Azure  
Microsoft Azure Blob Storage  
Microsoft Azure Data Factory  
Microsoft Azure DevOps  
Microsoft Azure Key Vault  
Microsoft Azure SQL Server  
Microsoft Azure Virtual Machines  
Microsoft Power Platform  
AI Builder  
Microsoft Power Automate + RPA

[Read full story here](#)



“While building this solution, we resurrected high-value strategic projects that we couldn’t tackle before because of the constraints of legacy apps. We feel empowered to take advantage of any future opportunities that the business provides us.”

—Bob Means, Director of Business Solutions, Coca-Cola Bottling Company United

**Situation:**  
Coca-Cola Bottling Company United needed to dramatically adjust its legacy order entry and invoicing systems to accommodate Coca-Cola Freestyle. The new product offered a great opportunity, but outdated processes and legacy systems couldn’t sufficiently scale.

**Solution:**  
The company’s IT team worked with Microsoft Partner Happiest Minds to eliminate steps and accelerate order entry and invoicing processes with Microsoft Power Automate robotic process automation and various Azure cloud services.

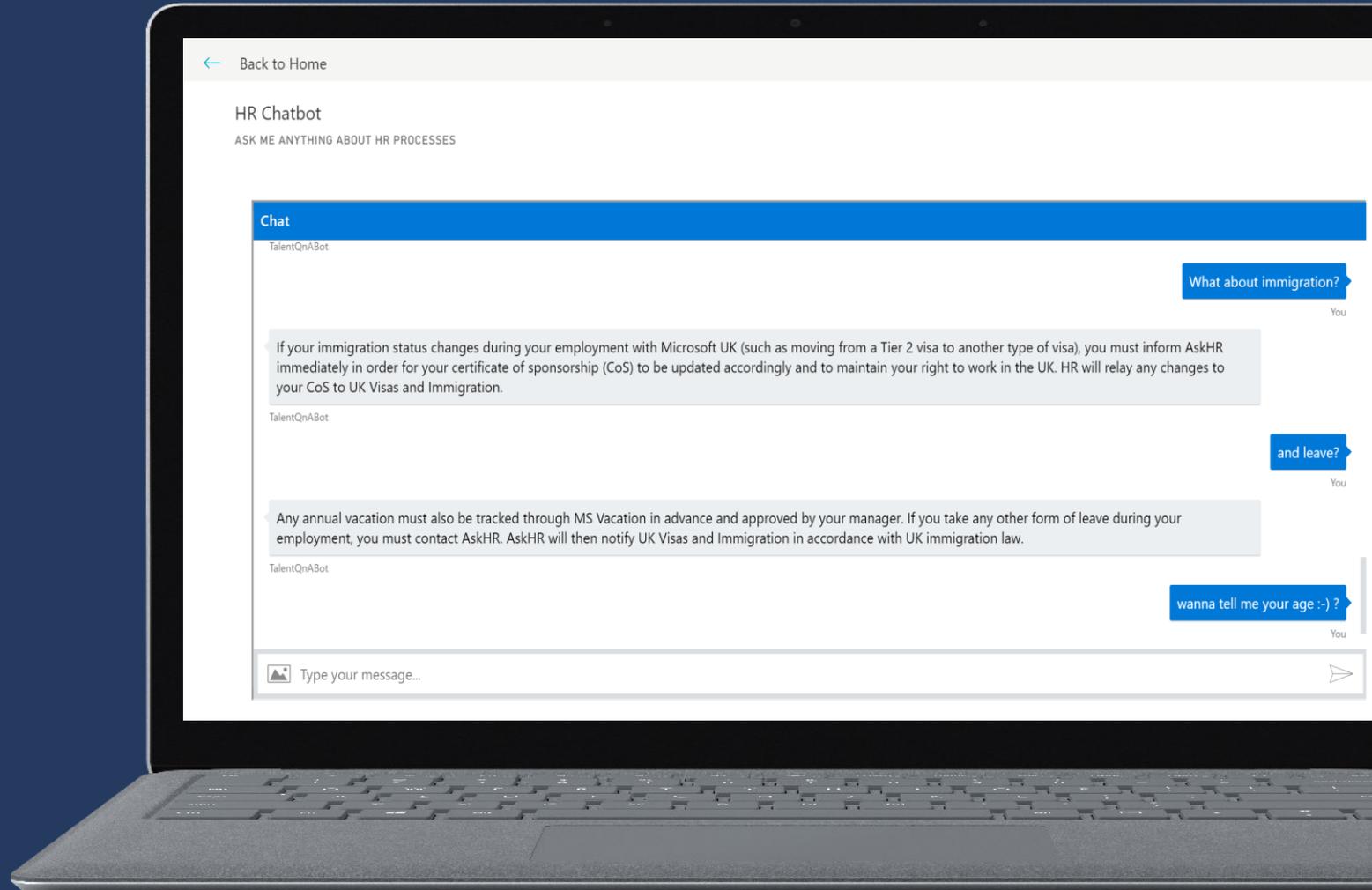
**Impact:**  
Coca-Cola United took advantage of a new opportunity. It can redeploy automated flows to other business processes with little or no tweaking, and it’s freed up one employee and avoided having to hire 10 more. And the company can share the cloud-based solution with other bottlers.

#SummitUp

# Power Virtual Agents

## Create chat experiences to streamline interaction with SAP data – even in Teams

- Easily create powerful bots using a guided, no-code graphical interface without the need for data scientists or developers.
- Reuse automations from Power Automate through chat in Power Virtual Agents
- Enable quick interaction based on SAP data for collaboration or research.
- Create using SAP-connected flows in Power Automate.



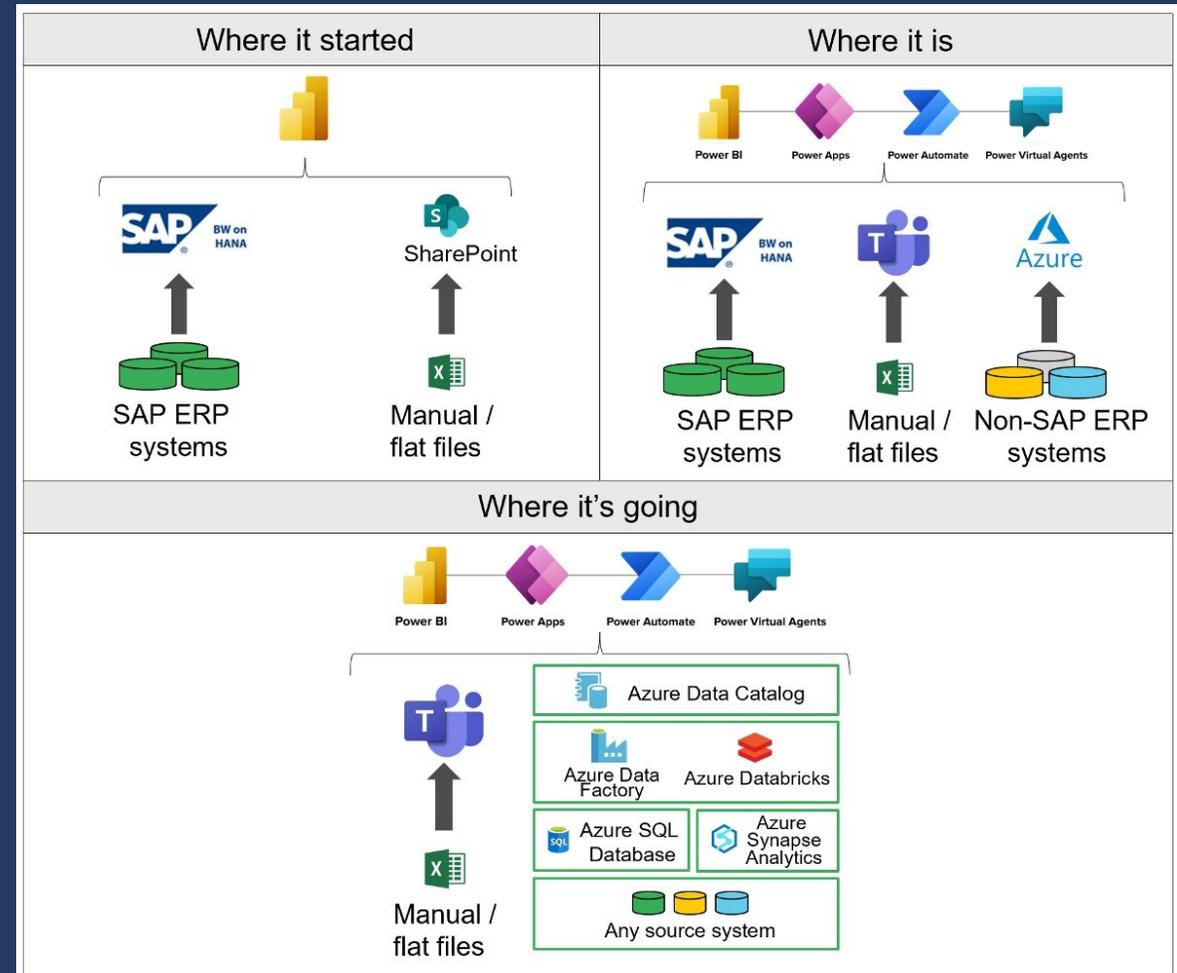
DEMO

Power Virtual Agent

# Electronics company Avnet delivers faster insights to key decision makers through Power BI

PowerBot was developed using Power Virtual Agents bots and enables employees to ask specific Power BI questions, such as how to create a calculated column or how to connect to Azure. The PowerBot then returns an answer typically linking them to a YouTube video. If the bot can't answer the question, an email is automatically sent to Teets's team with the question, name, and email of the user who asked it.

Avnet also used Power Virtual Agents to implement a chatbot into its SharePoint site for information on Power BI, where a user can ask questions about Power BI and get immediate answers.



*“Just like Office revolutionized productivity gains for knowledge workers, Power Platform will do the same for domain experts.”*



Satya Nadella  
CEO Microsoft

# Microsoft cloud



# The world's most comprehensive low code platform

## Power Platform



Power BI  
Business analytics



Power Apps  
Application development



Power Automate  
Workflow automation



Power Virtual Agents  
Intelligent assistants

## Scale, Speed, Secure



Dataverse



AI Builder



Power Fx



Portals



Microsoft Teams

## Pro Developer (Code-First)



GitHub



Azure  
DevOps



Visual  
Studio



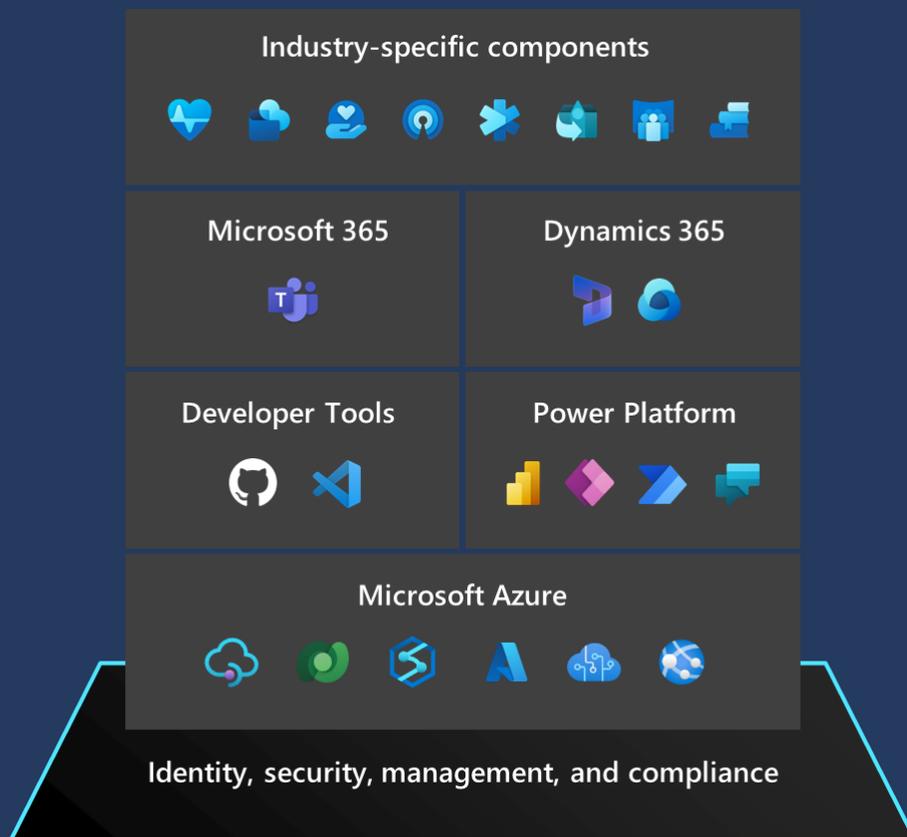
VS  
Code



API  
Management

500+ connectors, including custom and on-prem



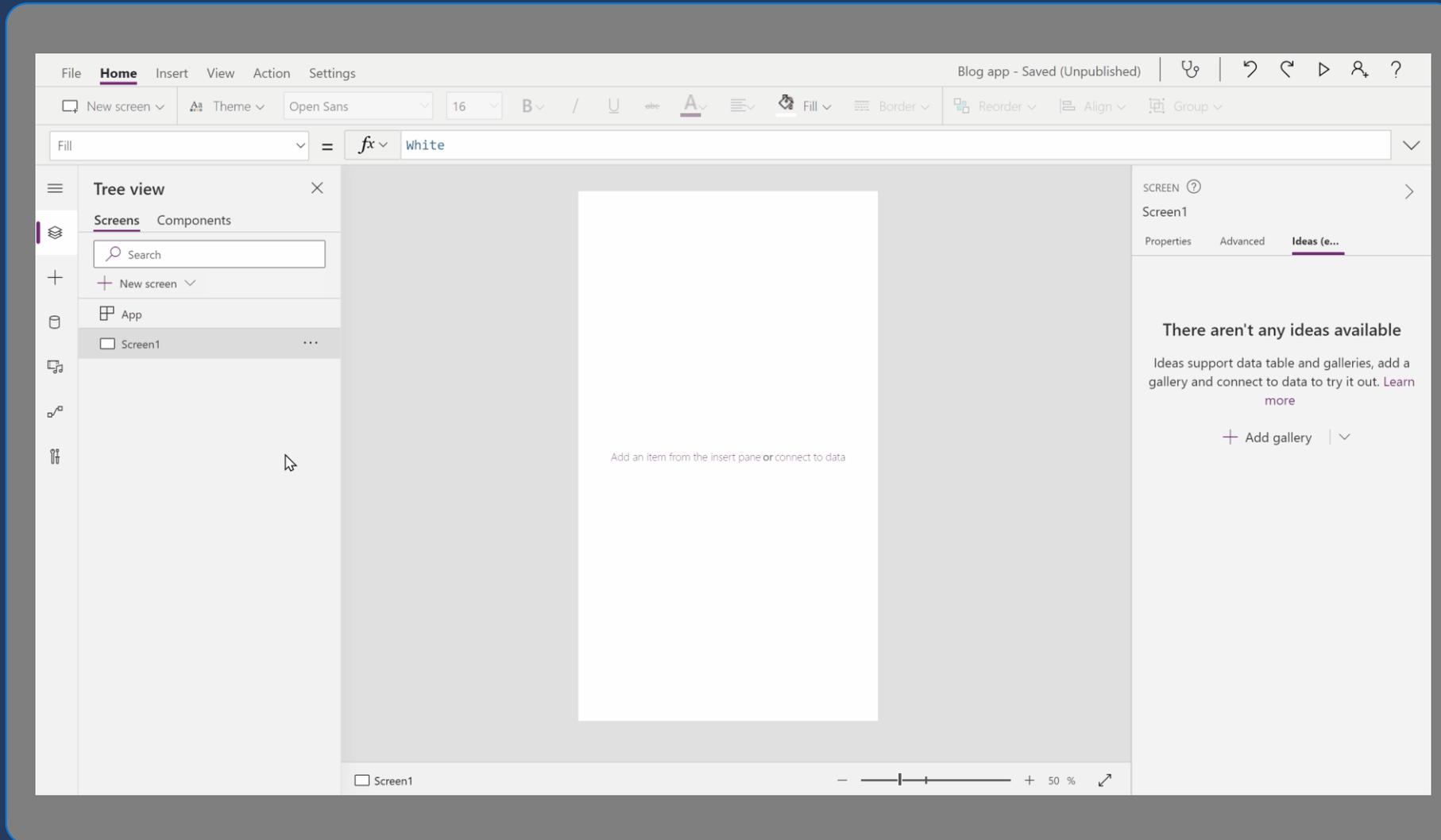


“Although citizen developers didn’t need to know computer programming languages, they still previously had to understand the logic of writing formulas in Power Fx. Using an advanced AI model like GPT-3 can help our low-code tools become even more widely available to an even bigger audience by truly becoming what we call no code.”

- Charles Lamanna, CVP Low Code Platform

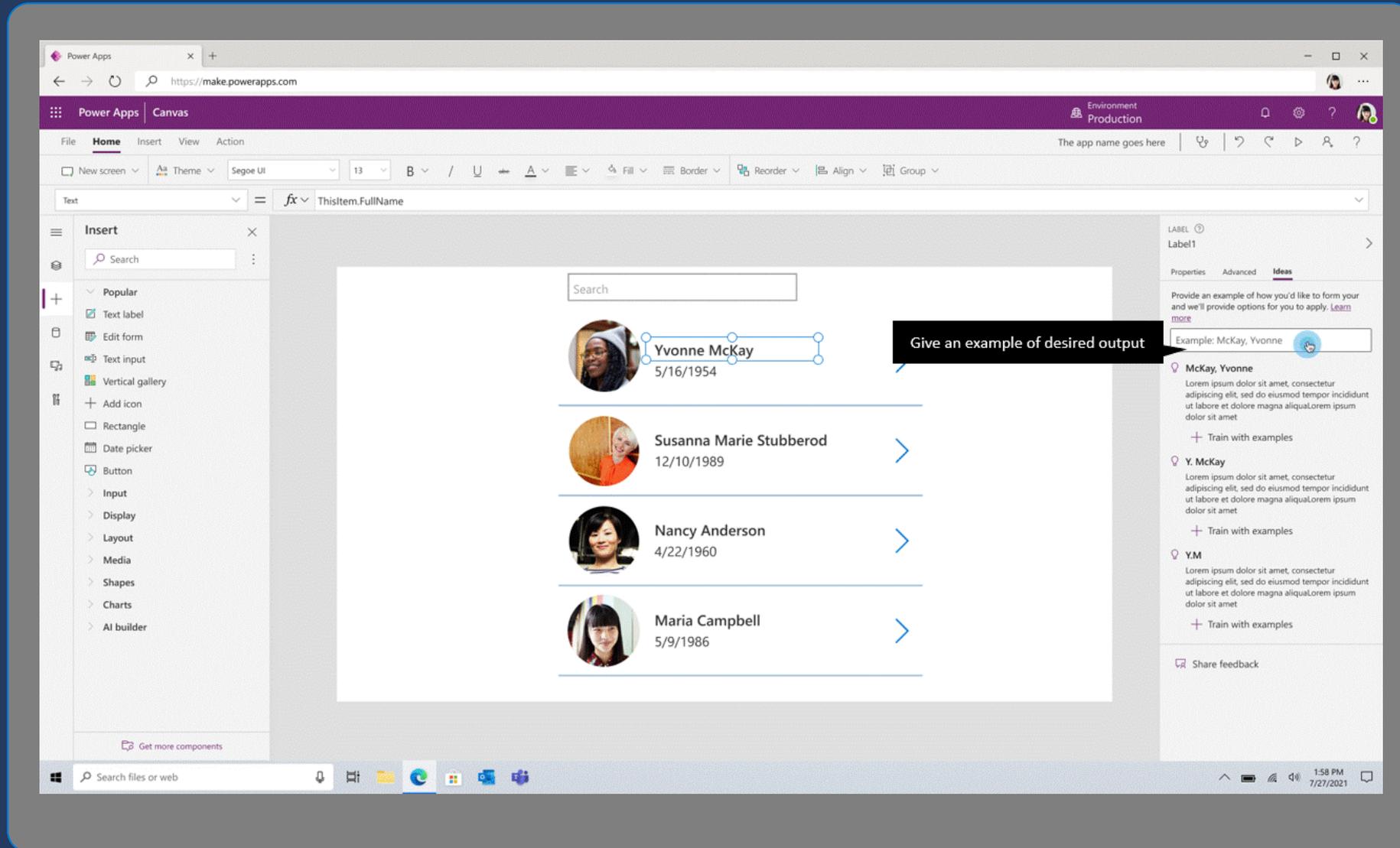


# Transform natural language to code with GPT-3



- Empower citizen developers to quickly unlock the power of formulas by transforming natural language to code.
- Enable professional developers to speed up authoring by reducing time spent searching and tuning formulas.
- Supported in Gallery and Data tables first and expanding to more controls and formulas based on user feedback.

# Program by example using PROSE



→ Increase productivity by enabling developers to program by example reducing time spent searching, writing, and fixing formulas.

→ Empower developers to easily manage and manipulate data within Galleries and Data tables, by applying patterns or formula on the original value.

# Get started

## Learn more

Power Platform: [powerplatform.microsoft.com](https://powerplatform.microsoft.com)

SAP ERP Connector: <https://powerapps.microsoft.com/en-us/blog/introducing-the-sap-erp-connector/>

SAP on Azure: [azure.com/sap](https://azure.com/sap)

SAP on Azure YouTube: [youtube.com/SAPonAzure](https://youtube.com/SAPonAzure)

## Find a Partner

Power Apps: [powerapps.microsoft.com/find-a-partner/](https://powerapps.microsoft.com/find-a-partner/)

Power BI: [powerbi.microsoft.com/en-us/find-a-partner/](https://powerbi.microsoft.com/en-us/find-a-partner/)

SAP on Azure: [azure.microsoft.com/solutions/sap/partners](https://azure.microsoft.com/solutions/sap/partners)





Holger Bruchelt, Microsoft  
Holger.Bruchelt@Microsoft.com  
@hobru  
youtube.com/SAPonAzure

# Thank you

#SummiTup

#SummiTup



# Agenda

- Agenda item
- Agenda item
- Agenda item

**Some agendas need more details to set the tone of the conversation**

You might want to use a few short sentences instead of a bullet list.

This might be a summary of the topics to be covered or the goals and outcomes you hope to achieve.

# Slide title

- Bullet points, text, or other content

# Slide header

---

Subtitle or descriptive text

# Slide header

---

## Column header

- Bullet points

## Column header

- Bullet points

# Slide header

---

**Column header**

- Bullet points or text

# Slide header

---



Descriptive text in sentence form with some details, **highlighted text** or callouts.



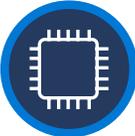
Descriptive text in sentence form with some details, **highlighted text** or callouts.



Descriptive text in sentence form with some details, **highlighted text** or callouts.



Descriptive text in sentence form with some details, **highlighted text** or callouts.



Descriptive text in sentence form with some details, **highlighted text** or callouts.



Descriptive text in sentence form with some details, **highlighted text** or callouts.



Descriptive text in sentence form with some details, **highlighted text** or callouts.



Descriptive text in sentence form with some details, **highlighted text** or callouts.



Thank you

#SummitUp

#SummitUp



Thank you

#SummitUp

# Appendix

# Icons

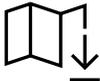
Icons should be primarily used as a visual aid, as a way to break up large amounts of text and content, or as a visual cue of the content that follows.

[Get the full set of icons for presentations](#)

## INDUSTRY SECTORS

											
Aeronautics	Agriculture	Architecture	Automotive	Construction	Education and research	Energy	Financial services	Healthcare	Engineering and manufacturing	Professional services, media	Sports
								-	-	-	-
Government	Retail	Technology	Media and broadcasting	Travel and transportation	Education	Law	Science	-	-	-	-

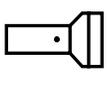
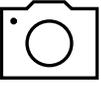
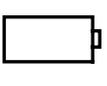
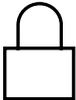
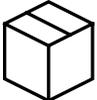
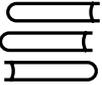
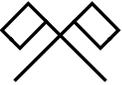
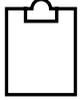
## MAPS / LOCATION

							-	-	-	-	-
Globe, global, earth	Globe, global, earth	Navigation, GPS, POI, location, map	Map, location, GPS, directions, navigation	Navigation, GPS, POI, location, map	Map, location, route, quest, destination, journey	Download map, receive location	-	-	-	-	-

## MONEY / FINANCE / RETAIL / CONSUMER

											
Shopping cart, store	Store, bag, shop	Money, dollar sign, cash, revenue, currency	Revenue, financial report, funds	Money, currency, coins	Bank, piggybank	Compare, balance, finance, justice	Credit card, payment, charge, debit card	Mobile payment, digital payment, e-commerce	Barcode scanner	Tag, sale, shopping	Bank

**OBJECTS / TOOLS**

											
Alarm clock	Hourglass, timer	Clock	Flashlight	Funnel	Calculator	Binoculars	Scissors	Camera	Battery, power, charge	Magnifying glass	Tools, screwdriver, wrench
											
Paperclip	Pushpin, thumbtack	Key	Lock	Safe	Piggybank	Bag	Ballot box, drop box	Box, archive, storage	Present, giftbox	Box, package, shipping	Briefcase, business, work, job
											
Books, reading	Book, dictionary, novel	Notebook, journal	Pencil	Paintbrush	Paint palette, color	3D, hologram	Trophy, award	Ribbon, award, reward, accomplishment	Ribbon, award, reward, accomplishment	Flag, finish line	Flags, finish line, win, race
											
Open door, entryway, opportunity	Clipboard	Megaphone, speaker, speech, announcement	Microphone	CD, music album	Headphones	Headset	Eye glasses	Bike, bicycle	Umbrella, bumbershoot	Balloon, party, celebration	Rocking chair
											
Remote control	Robotic, manufacturing, mechanical, automation	Forklift	Gears	Traffic cone, construction	Flask, chemistry, science, beaker	Maze, puzzle	Target, bullseye, aim, arrow, dartboard, darts, archery	Games, strategy, chess, poker	Musical instrument, drums	Pizza, food	Lightbulb

# Presentation resources

## More templates

[Overview of templates on Brand Central](#)

[Product-specific PowerPoint templates](#)

[PowerPoint presentation event templates](#)

[Past event slides archive](#)

[Microsoft Story deck](#)

[Toolkit for building your own template](#)

## Training

[Brand Central presentations overview page](#)

[Accessibility tips and best practices](#)