

Importante!

- ❖ Material elaborado pelo time de especialistas em Power Platform da Microsoft Brasil para ser utilizado em **demonstrações online para seus clientes**.
- ❖ O uso deste material é permitido **apenas para clientes** Microsoft que participaram da sua apresentação em ambiente online e para **fins de referência e/ou autoestudo**.
- ❖ Este conteúdo é de **propriedade intelectual da Microsoft**. Todos os direitos reservados.
- ❖ Este material utilizou como referência as funcionalidades da **Power Platform** disponíveis conforme a **documentação oficial** e previstas para lançamento em seu **guias de lançamento** na data de sua elaboração (ver slide de abertura). Como o conteúdo destas fontes é dinâmico, sempre consulta-las em caso de dúvidas.

Em caso de dúvidas ou questões acesse nosso site (Power Platform Connect)
<https://microsoft.github.io/powerplatformconnect/>

Hyperautomation with Power Platform

V 2.2 from Mai 23, 2024

Agenda

The need for automation

A single platform for automation

- About Power Platform
- Power Platform patterns of value
- Hyper automation with Power Platform

The Hyper automation journey

- Discover
- Automate
- Orchestrate
- Extend

Next steps



The need for automation

Automation for a modern world



Humans excel at **creative** and **strategic** thinking, but we spend much of our time performing **repetitive and manual tasks**



Automating business challenges



More remote workers

Disparate systems, less standardization, lower visibility, greater need for information sharing



Streamlined workforces

Higher workloads, capacity constraints, time-starved employees



Higher customer demands

Greater urgency, higher expectations, and decreased satisfaction

Changing workforce

Isolated systems,
disconnected applications

60%

Report an application development backlog¹

Complex, slow,
expensive to deploy

37%

Still using paper to manage critical business processes²

Difficult to update,
maintain and operate

64%

Collecting and processing data have the highest automation potential³



Growing process complexity

60%

of executives believe their processes
are too complex

\$2 trillion

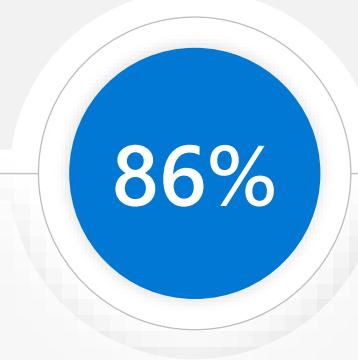
of potential savings through
automation

Not enough developers



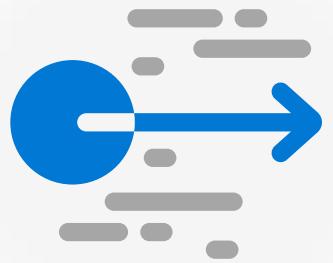
4M

developer shortfall



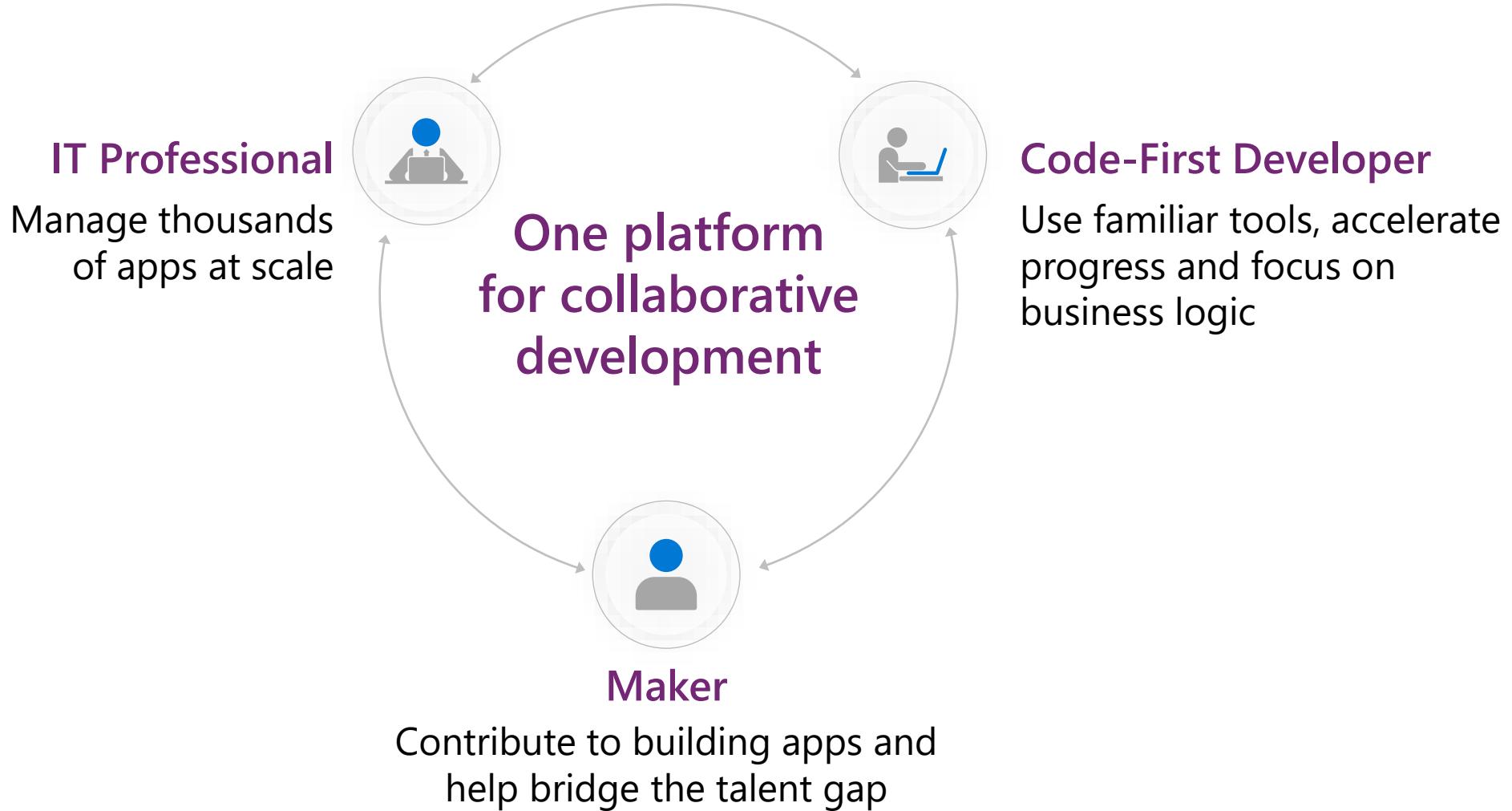
86%

of companies struggle to hire
tech talent



**Accelerate developers and
empower new makers**

Digital transformation is powered by people



Opportunities for automation

| Industry | Use Cases | | | Scenarios |
|---|---|--|--|--|
|  Financial Services | Data Management <ul style="list-style-type: none">Update loan data in a database applicationCollect all loan payment information | Client Requests <ul style="list-style-type: none">Activate customer bank accountsProcess customer requests for banking/ insurance statements | Back Office <ul style="list-style-type: none">Create and send financial statements to regulatory bodiesTrack travel and general expenses | <ul style="list-style-type: none">Managing credit decisioningGenerating reportsProcessing invoicesProcessing insurance claims |
|  Healthcare | Patient Care <ul style="list-style-type: none">Track patient registrationGuide patients upon arrival through check-in processes | Data Management <ul style="list-style-type: none">Retrieve medical information and input into medical recordsDuplicate Electronic Health Records across relevant systems | Back Office <ul style="list-style-type: none">Add new providers or renew the contract of an existing providerMonitor payment progress of patient bills | <ul style="list-style-type: none">Personalizing patient careScheduling employeesProcessing and tracking claims |
|  Manufacturing | Inventory Management <ul style="list-style-type: none">Calculate future product demandForecast inventory | Labor Management <ul style="list-style-type: none">Inform data-driven production line staffing decisions based on current and future product demand | Back Office <ul style="list-style-type: none">Monitor factory capacity utilizationTrack and process employee, production and material costs | <ul style="list-style-type: none">Conducting quality controlForecasting suppliesTracking productionOrder processing |
|  Retail | Logistics <ul style="list-style-type: none">Calculate future demand for specific retail productsReallocate overages to buyers with shortage/high demand | Customer Service <ul style="list-style-type: none">Send real-time updates to customers about promotions or in-store events | Back Office <ul style="list-style-type: none">Track inventory price changesRead files in the POS systemScrape websites for tax invoicing | <ul style="list-style-type: none">Forecasting product availabilityComparing pricesHiring and onboarding associatesManaging shift scheduling |
|  Telecom | Data Management <ul style="list-style-type: none">Update and verify customer account data and service package data | Client Relations <ul style="list-style-type: none">Route and respond to customer queriesTake payment information from customers | Back Office <ul style="list-style-type: none">Monitor network congestion and outagesProcess invoices and purchase orders | <ul style="list-style-type: none">Routing support ticketsMonitoring network performanceManaging transaction dataOrder processing |



About Power Platform

Our mission is to empower



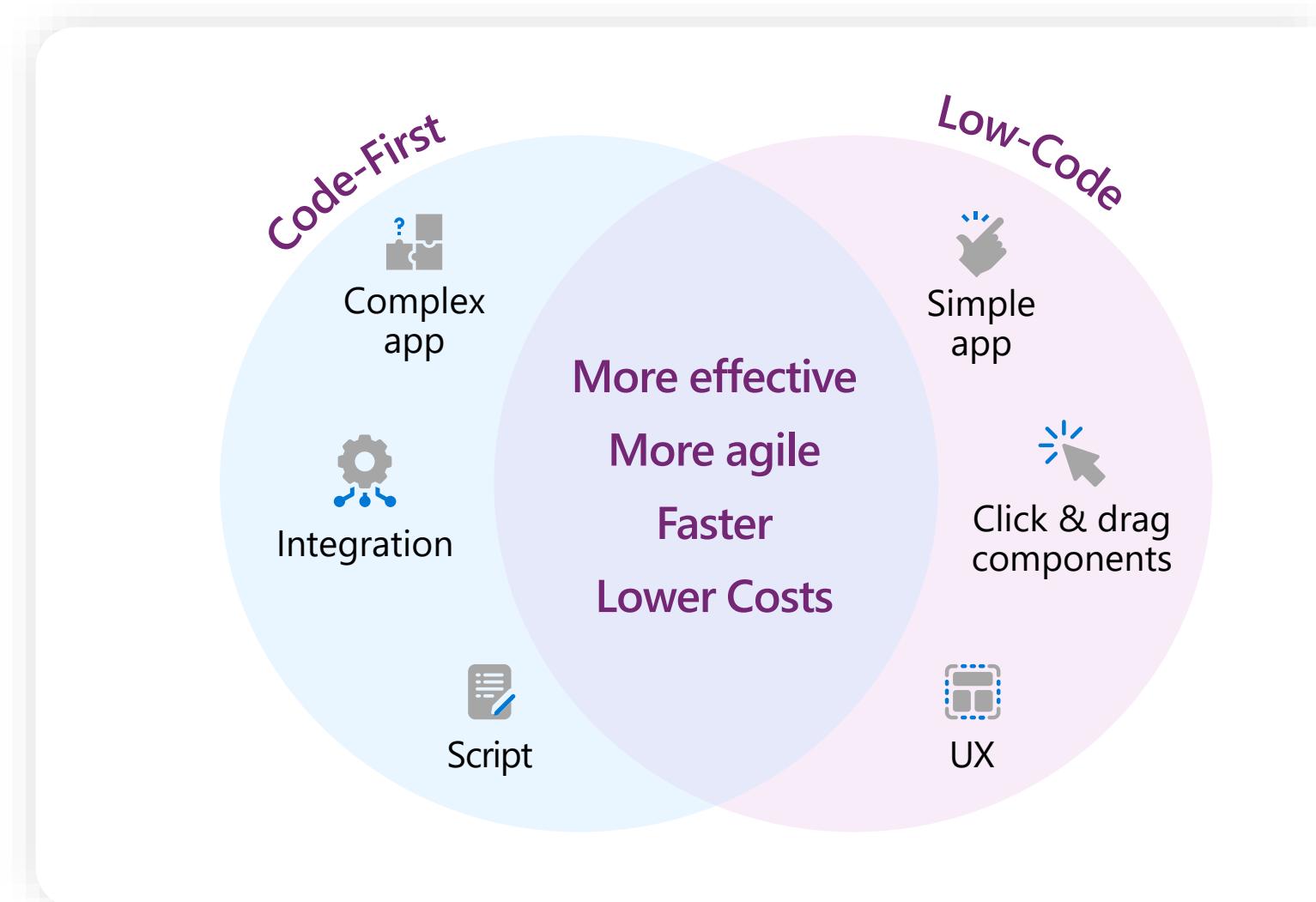
Every developer



Every level of the stack



Every solution



Microsoft Power Platform

Comprehensive platform to build solutions for business problems in fast and collaborative way



Power Apps

Application development



Power Automate

Process automation



Power BI

Business analytics



Copilot Studio

Intelligent copilots



Power Pages

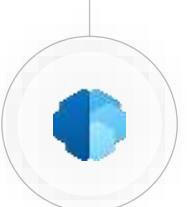
Business websites



Copilot
AI-Assisted development



**Data
connectors**



AI Builder



**Microsoft
Dataverse**



Power Fx



**Managed
Environments**

CONNECT TO ALL YOUR INTERNAL AND EXTERNAL DATA SOURCES

Over 1,000 Power Platform data connectors

Built-in connectivity to cloud services, content services, databases, and APIs

Seamless hybrid connectivity via the on-premises data gateway

Custom connectors as building blocks for citizen developers

Robotic Process Automation is the ultimate connector, if necessary



Develop Faster than Ever Before

Power Platform



Power BI
Business analytics



Power Apps
Application development



Power Automate
Workflow automation



Copilot Studio
Customize & create copilots



Power Pages
Secure external business websites



AI Builder
AI assistance at your users' fingertips



Copilot
AI-Assisted development



GitHub

Azure services



Analysis services



API management



Function apps



Kubernetes services



Logic apps



Cognitive services



Bot Services



Power Platform Developer Tools



Azure DevOps

Azure / Office data services



Azure OpenAI



Dataverse



Microsoft Graph



SQL Database



SQL Data Warehouse



Cosmos Database

Every
Developer
(Low Code)

Code-First
developer



Visual Studio



VS Code

Fusion team (all devs and business users/makers)

Easily publish your custom APIs to Power Platform

Azure API Management enables professional developers to publish their backend service as APIs, and easily export these APIs to the Power Platform

With this capability, citizen developers can use the **Power Platform** to create and distribute apps that are based on internal and external APIs managed by API Management.

[Learn more](#)

The screenshot shows the Azure API Management interface for creating a connector to the Power Platform. The left sidebar lists various management options: APIs, Products, Subscriptions, Named values, Backends, API Tags, and Power Platform. The 'Power Platform' option is highlighted with a red box. The main right-hand pane is titled 'Create a connector' and contains sections for selecting an API and a PowerApp environment. The 'API' section shows 'Demo Conference API' selected. The 'PowerApps' section shows 'Personal Productivity' selected as the environment to publish to, and 'MyAPIMConnector' entered as the API display name. A checkbox for 'Create subscription key connection parameter' is checked. At the bottom are 'Create' and 'Back' buttons.

Disconnected Solutions

Increased complexity

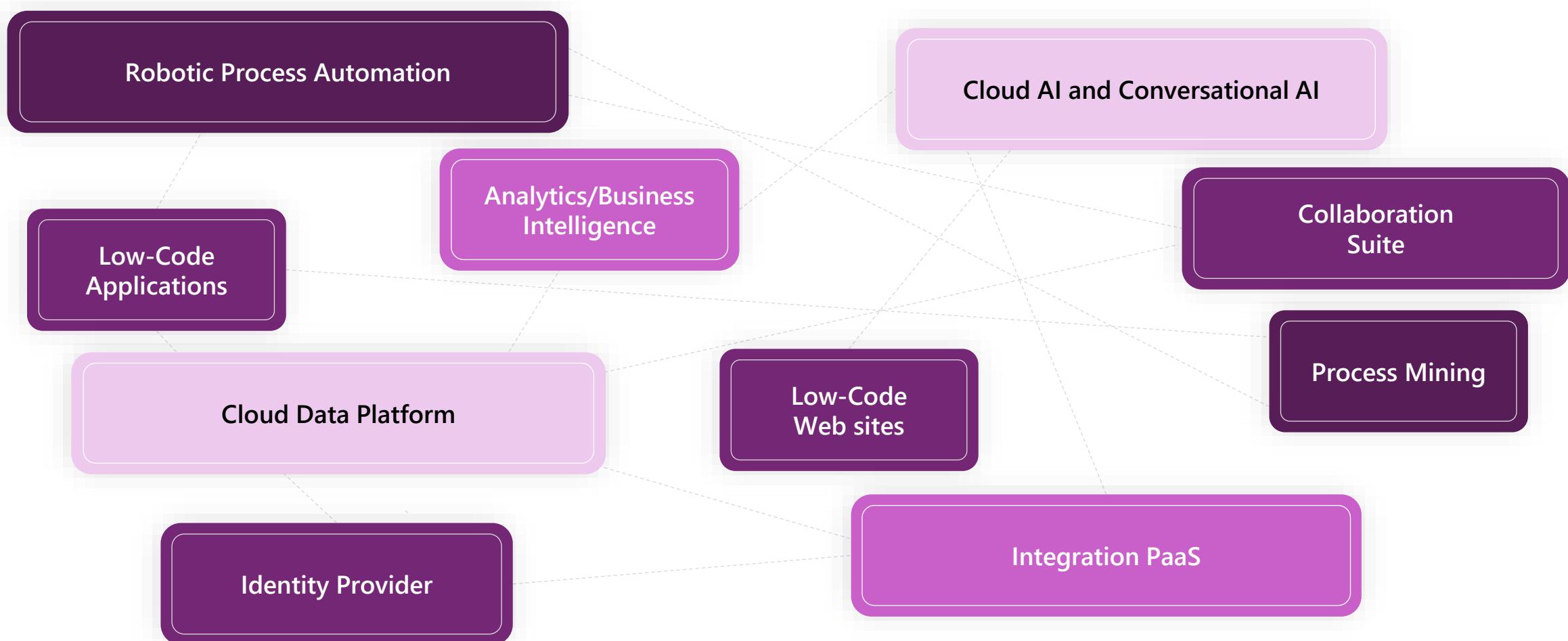
disparate admin/security/governance

Higher TCO

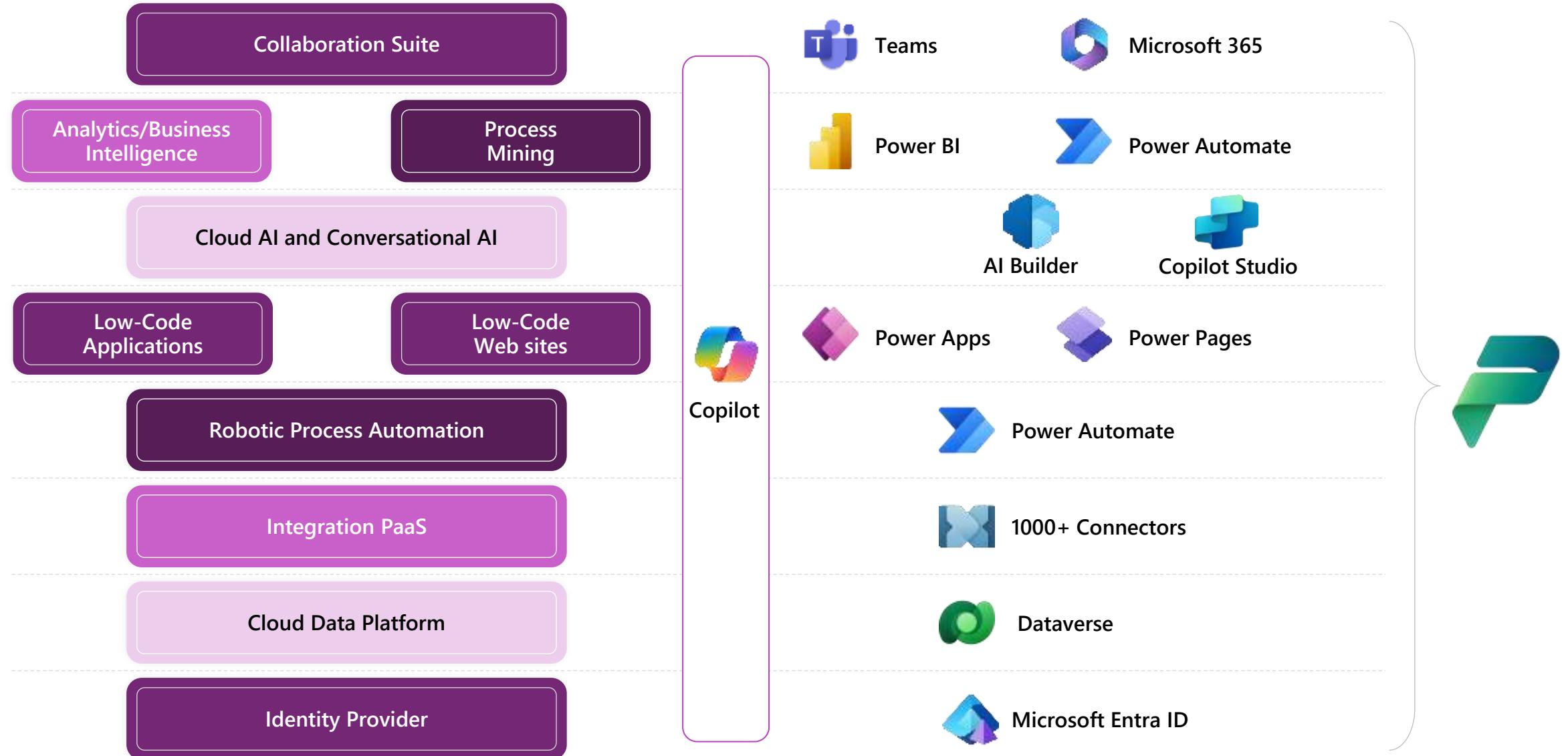
multiple vendors = multiple bills

Additional support considerations

multiple specialist experts



The Microsoft Approach – An Orchestrated Platform



Building with Power Platform pays off

Using all available tools and resources to build solutions faster brings great returns



140%

Return on Investment
over 3 years

45%

Reduction in app
development cost

58%

Increased revenue

Results are for a composite organization based on interviewed customers. The Total Economic Impact of Power Apps commissioned study conducted by Forrester Consulting, August 2022

[Read the study](#)

Customers save time and reduce costs with Power Platform!



~20%

expected decrease in
rent spend

[Read more](#)



1/3

of the cost to develop & maintain the
solution with previous system

[Read more](#)



\$3M

savings in one app for optimizing
refinery furnace trimming

[Read more](#)



10x

faster solution development than
centralized IT solutions

[Read more](#)



Seattle Visiting Nurse Association

97.5%

faster client
processing time

[Read more](#)



~95%

reduced
lead time

[Read more](#)

Additional recommended content

Power Platform and AI

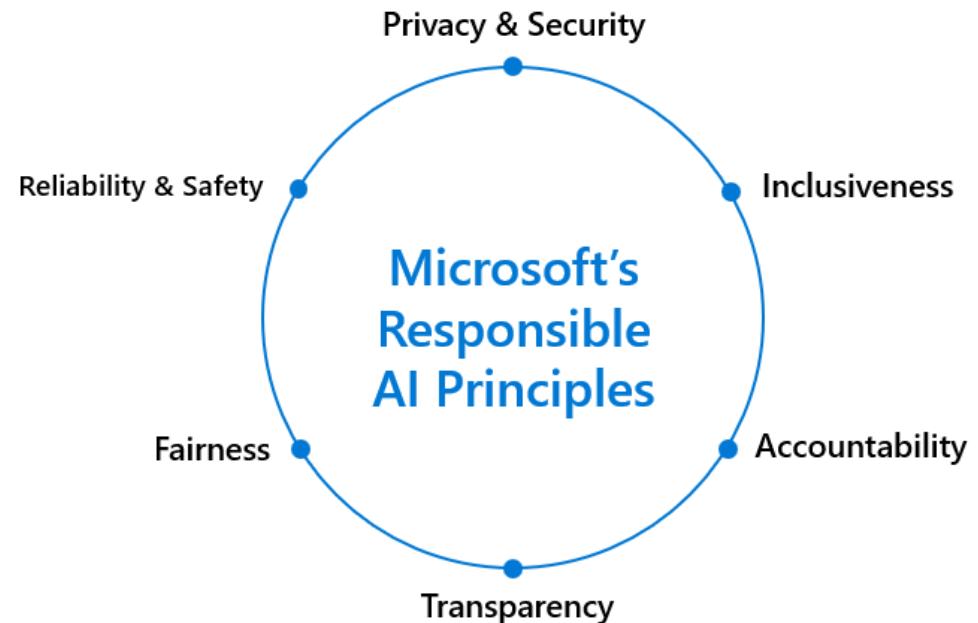
Learn more about AI features available and planned

Responsible AI

Learn about Microsoft's journey towards Responsible AI

Section “**Additional Slides**” in this presentation

Microsoft’s Responsible AI principles



Bui
to e

Power Platform patterns of value

Power Platform Patterns of Value

Why IT chooses Power Platform



Agility

Create rich apps, automations, and bots fast with AI Copilot and low-code tools.



Governance

View, control, and manage policies, usage, onboarding, ALM via Managed Environments.



Security

Built-in Identity and user management, DLP, encryption, compliance, and privacy.



Responsible AI

AI that is fair, reliable, safe, private, secure, transparent, accountable, and inclusive.



Pro Dev Friendly

APIs, Connectors, Custom Connectors, PCF controls, Azure DevOps, and Visual Studio support.



Accessibility

Build accessible and compliant apps easily for Windows, Web, iOS, and Android.

With Power Platform, organizations can reimagine business, IT, and developer **culture** and elevate all employees.

Power Platform Gartner 2023

Power Platform Patterns of Value

How Business uses Power Platform



App Modernization
Update, rearchitect, and rebuild apps at scale and address backlog.



Business Agility
Improve processes and experiences for core systems: SAP, Oracle, Salesforce.



Accelerate Pro Development
Reduce time and effort in creating enterprise-grade apps.



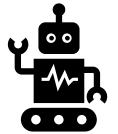
Enhance Employee Experience
Interact with business data with ease in Microsoft 365 and Teams.



Empower Departments
Enable departments to solve business challenges with IT governance.



Optimize Hyperautomation
End-to-end automation with RPA, DPA, AI, chatbots, more.



[Caterpillar](#)
Rental equipment turn around processing app reduced entire process to **1-day**

[Ernst and Young](#)
General ledger posting process connected to SAP yields **30% Cost reduction from**

[Blackmores Group](#)
Pro-code plus No-code practice reduced time to produce key supplier reports by **50%**

[American Airlines](#)
Frontline connected through Teams and Power Apps save **10 hours** of taxi time per day

[T-Mobile](#)
Employee led initiatives facilitated by Marketing team saves **\$4M+** from employee initiatives

[Pacific Gas & Electric](#)
Digital productivity program supported by Cognizant saved **75,000 hours** across organization

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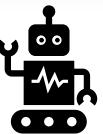
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What is hyperautomation?

Hyperautomation is a business-driven approach to identify, vet and automate as many business and IT processes as possible. It requires the orchestrated use of multiple technologies, tools, and platforms, including RPA, low-code platforms and process mining tools.*

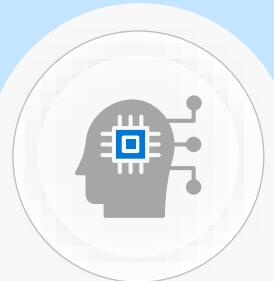


Why hyperautomation?

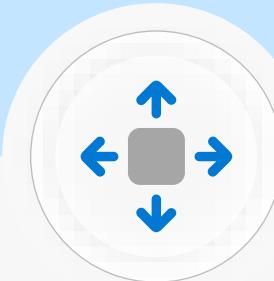
Solve business challenges faster



End-to-end automation and process modernization with RPA, DPA, embedded AI, chatbots, and process mining.



Build a culture of automation and digital transformation with the full Power Platform solution.



Efficiently scale automation and give IT controls they need to drive a secure and compliant organization.

By 2025, 60% of organizations will capitalize on disruption with an enterprise-and ecosystem-wide approach to automation, leveraging model-based enterprise concepts, COEs, and low/no-code platforms.

How does low code help in process modernization?



HARNESS THE POWER OF LOW-CODE AUTOMATION



Power Automate boosts productivity for everyone

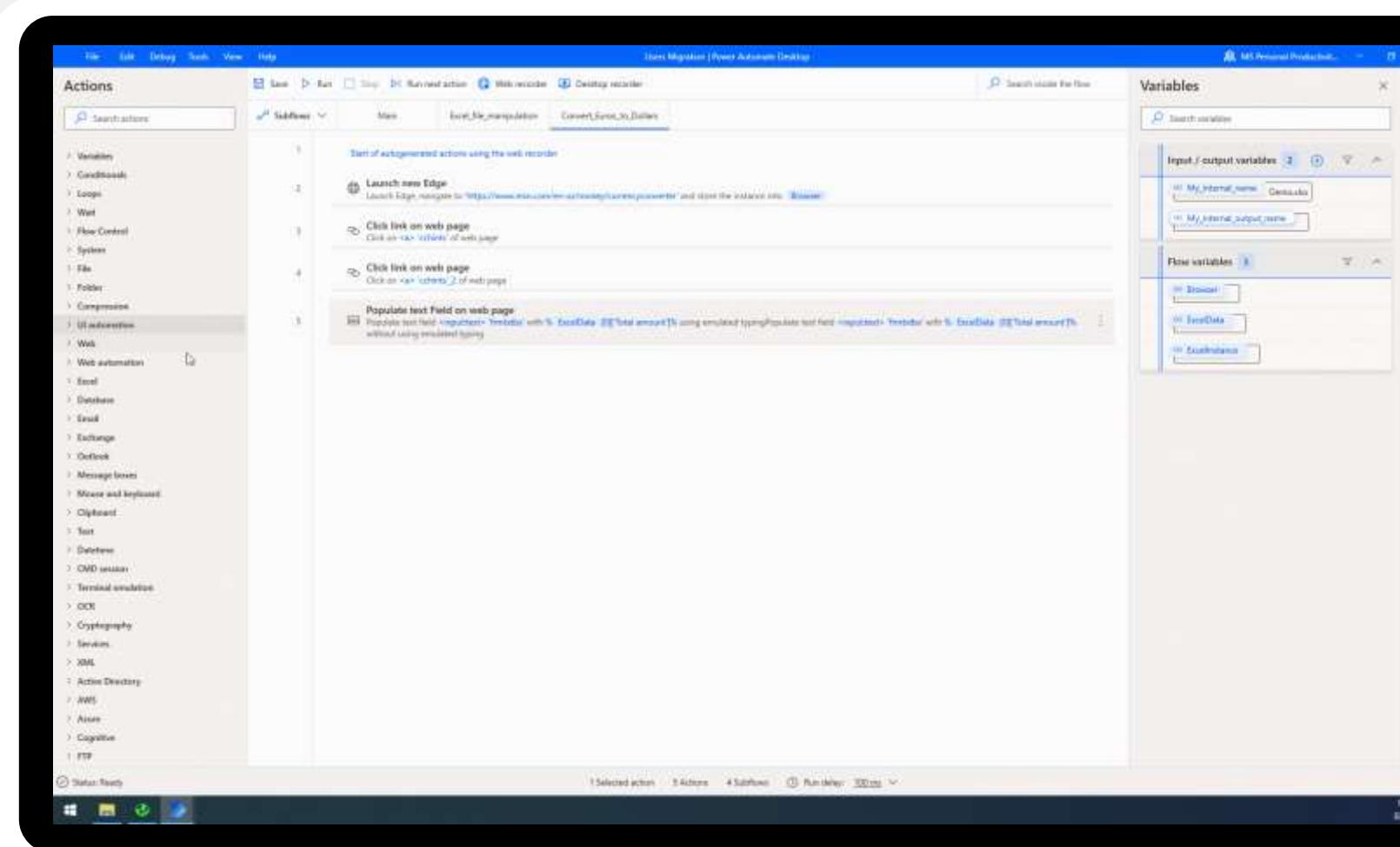
Digital Process Automation (DPA) allows resilient, cloud-native automation through the creation of cloud flows

Business Process Automation (BPA) streamlines complex processes for end users at scale

Robotic Process Automation (RPA) uses robots that emulate human actions to automate activities

AI Builder creates intelligent automated workflows

Process/Task Mining enables users to visualize processes and gain deep insights into opportunities to optimize



Hyperautomate across your ecosystem

A comprehensive, low-code automation solution with extensibility and connectivity

1 Discover

Continuously improve your business with **task and process mining** to identify bottlenecks and opportunities for automation.

2 Automate

Automate workflows with modern and legacy systems alike using advanced **DPA** and **RPA** solutions.

3 Orchestrate

Securely scale across your organization with governance, data loss prevention, and hosted infrastructure.

4 Extend

Infuse automation in chatbots, websites, apps, and more with **Microsoft Power Platform** and native integration within the Microsoft ecosystem.

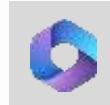
Extensibility



Windows 11



Connectivity



1,000+ 3rd party connectors, including custom and on-prem



**Discover what to
automate**

Take the guesswork out of automation

“

I don't know
what to
automate



Use **process mining** to record steps in your process



Review the **visual process map** to identify bottlenecks
and opportunities for automation



Based on what you learned, start automating your
process with **flows**

TAKE THE GUESSWORK OUT OF AUTOMATION

Process and task mining

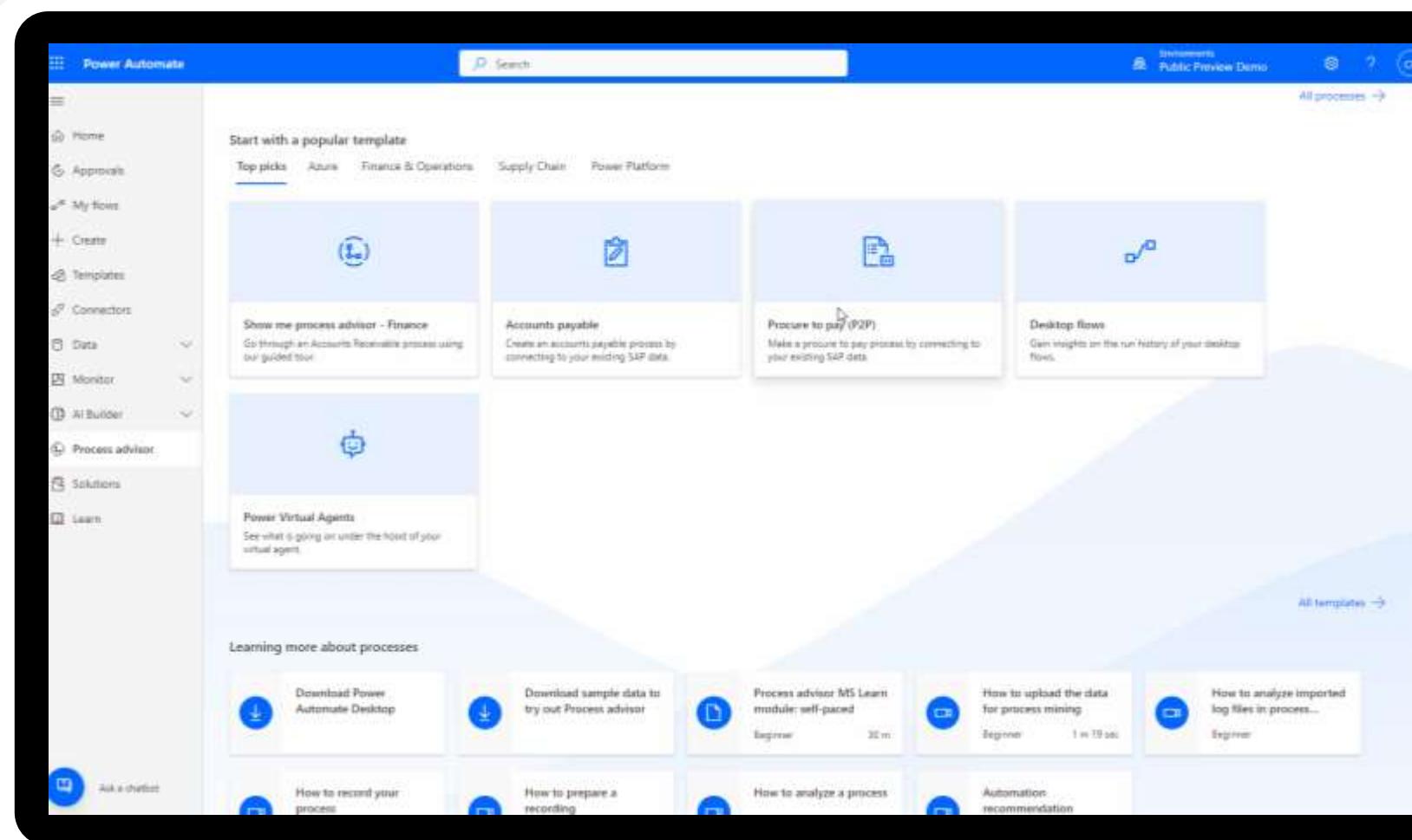
Use out-of-the-box templates for rapid deployment from data ingestion to pre-defined custom reports.

Gain deep insights with powerful features including rework detector, root cause analysis, process compare and custom metrics.

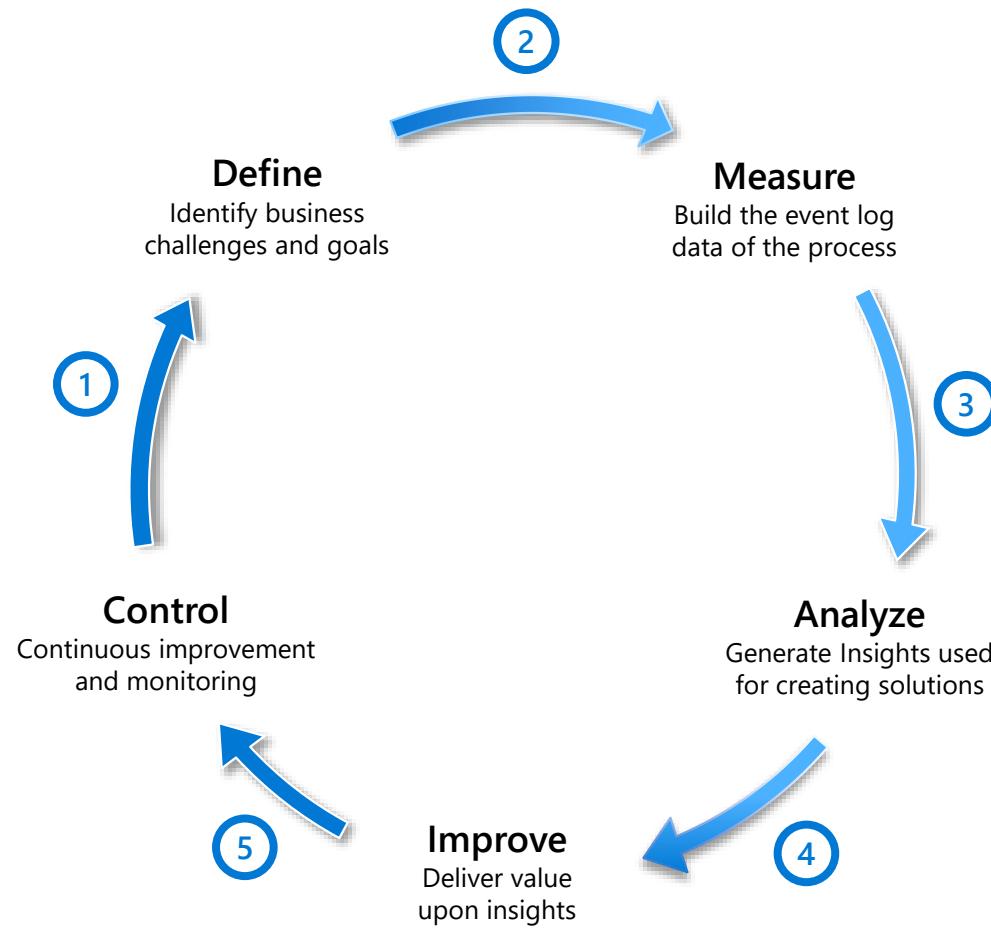
Create views, publish them to [create custom Power BI reports](#) and share across the organization

Seamlessly integrate with Power Automate flows to turn insights into action

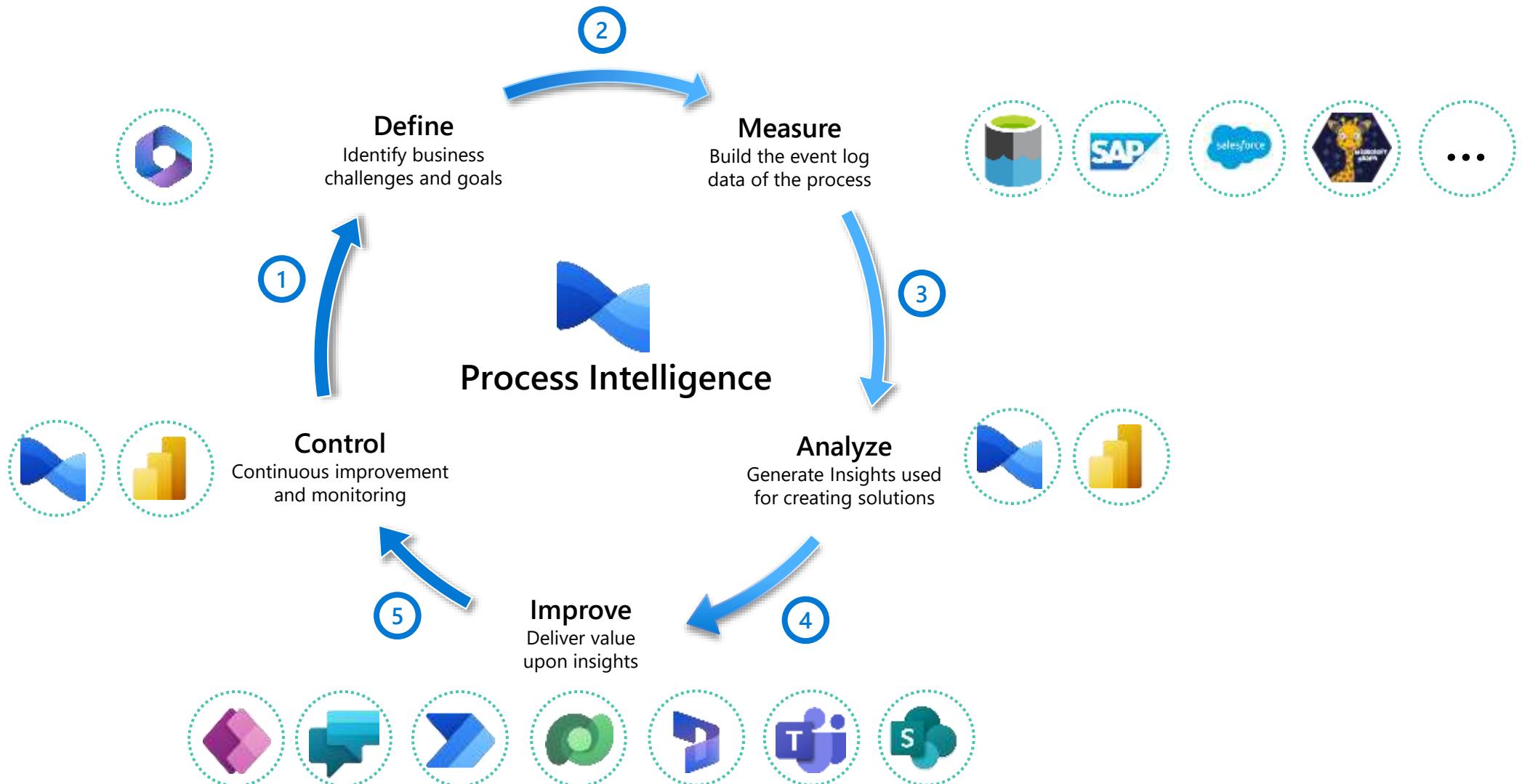
Discover possibilities for [automation of individual workflow](#) with task mining



A typical business process optimization journey



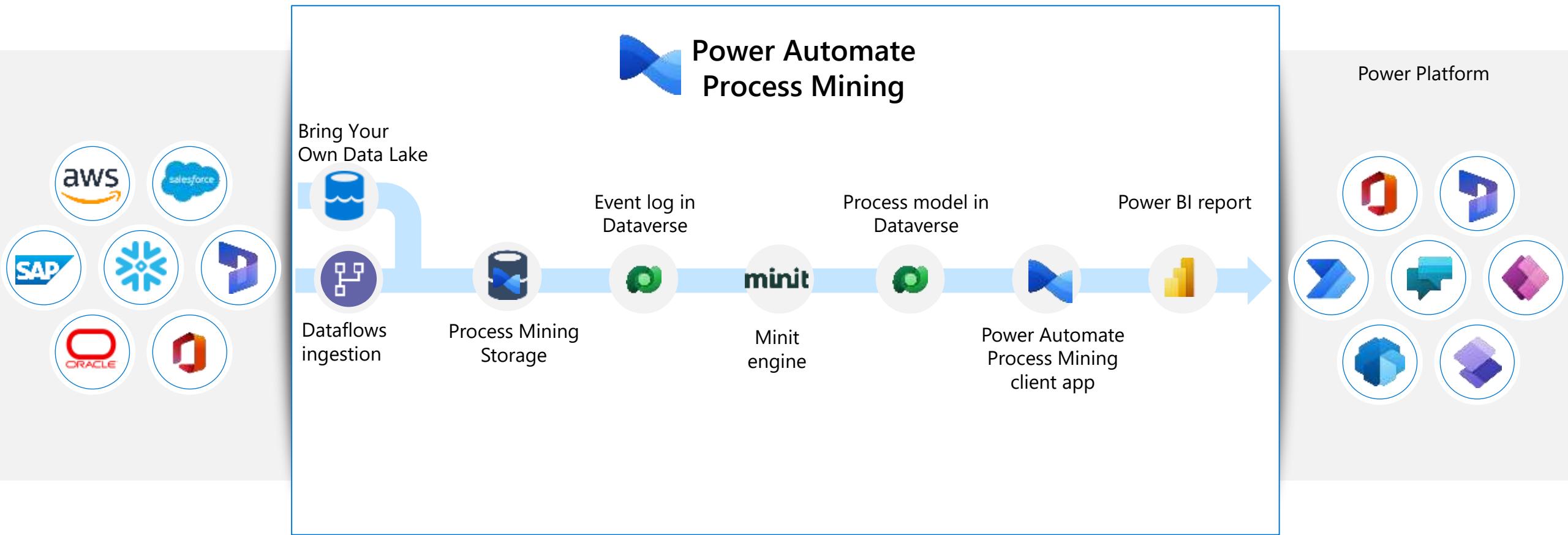
Microsoft's End-to-end Process Intelligence



Process Mining Architecture

[Details](#)

A complete overhaul of Process Mining solution with Minit components



10+ years of Process Intelligence experience

2013

Development of Minit has started

2022

Microsoft acquires Minit

30k+

Microsoft customers use process intelligence capabilities

2013



Minit 1.0
launched

Jun 2020

Task mining in Power
Automate becomes
Generally Available

2021



Minit named top
vendor by Everest
Group and Nelson
Hall



Microsoft acquires
Minit

March
2022

Nov
2022



Process Advisor +
Minit in public
preview

Power Automate
Process Mining is
lead-status GA

Apr 1
2023

Aug
2023

Power Automate
Process Mining is
Generally Available

Development of
Minit has started

2015

Formation of
Microsoft Process
Insights

May
2021



OPTIMIZE YOUR PROCESSES AND DISCOVER AUTOMATION OPPORTUNITIES



Use-cases

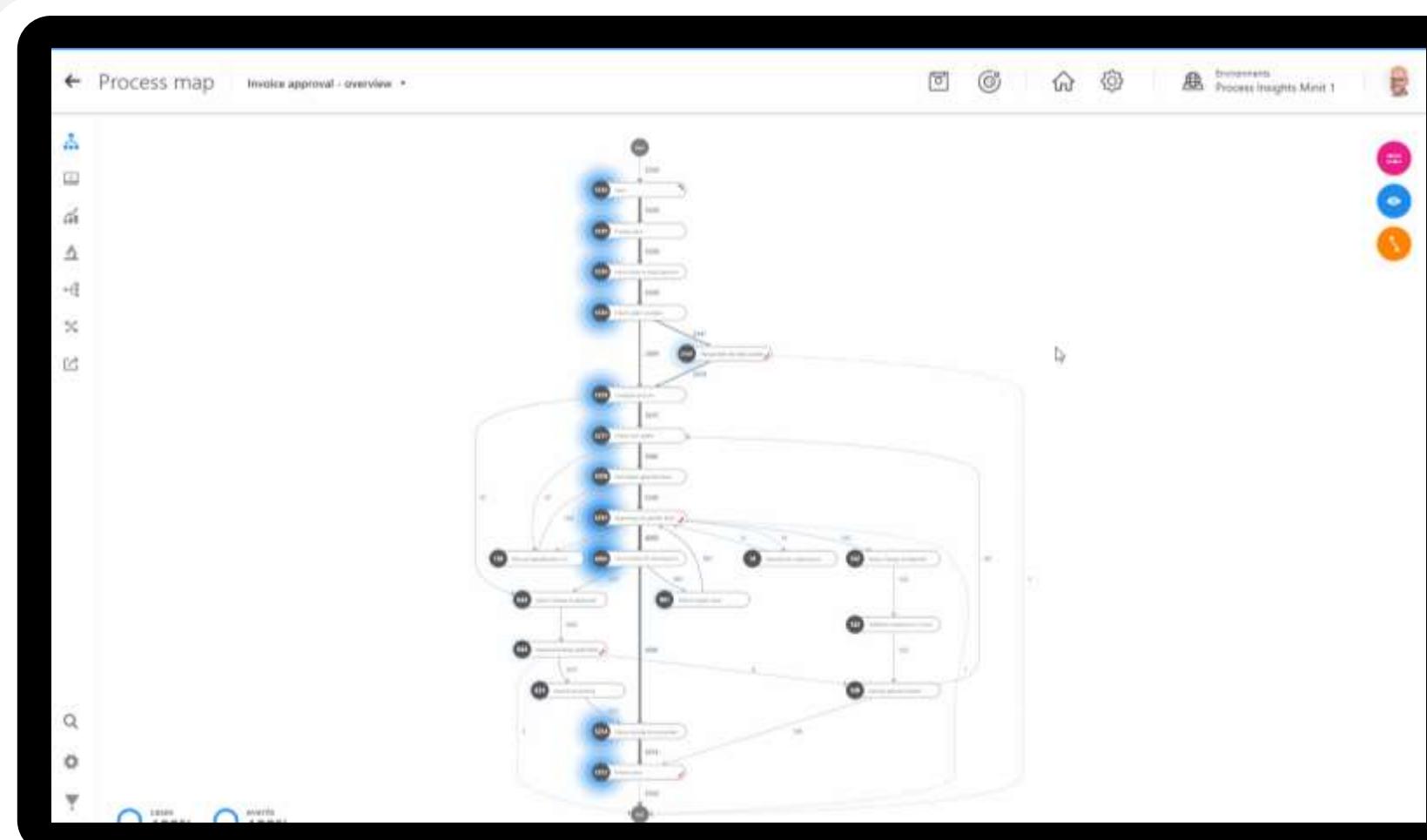
Accelerate your digital transformation efforts with a blueprint for building Cloud flows, RPA, AI and more.

Visualize and analyze your Order to Cash Process (O2C) to see how effectively you convert your products or services into cash.

Avoid automating inefficient processes and continuously monitor to identify process inefficiencies.

Achieve full visibility of your Order to Activation (O2A) process and identify process inefficiencies.

Decrease regulatory compliance risks, improve response time to regulatory questions, spot and fix potential problems.



Process advisor in Power Automate

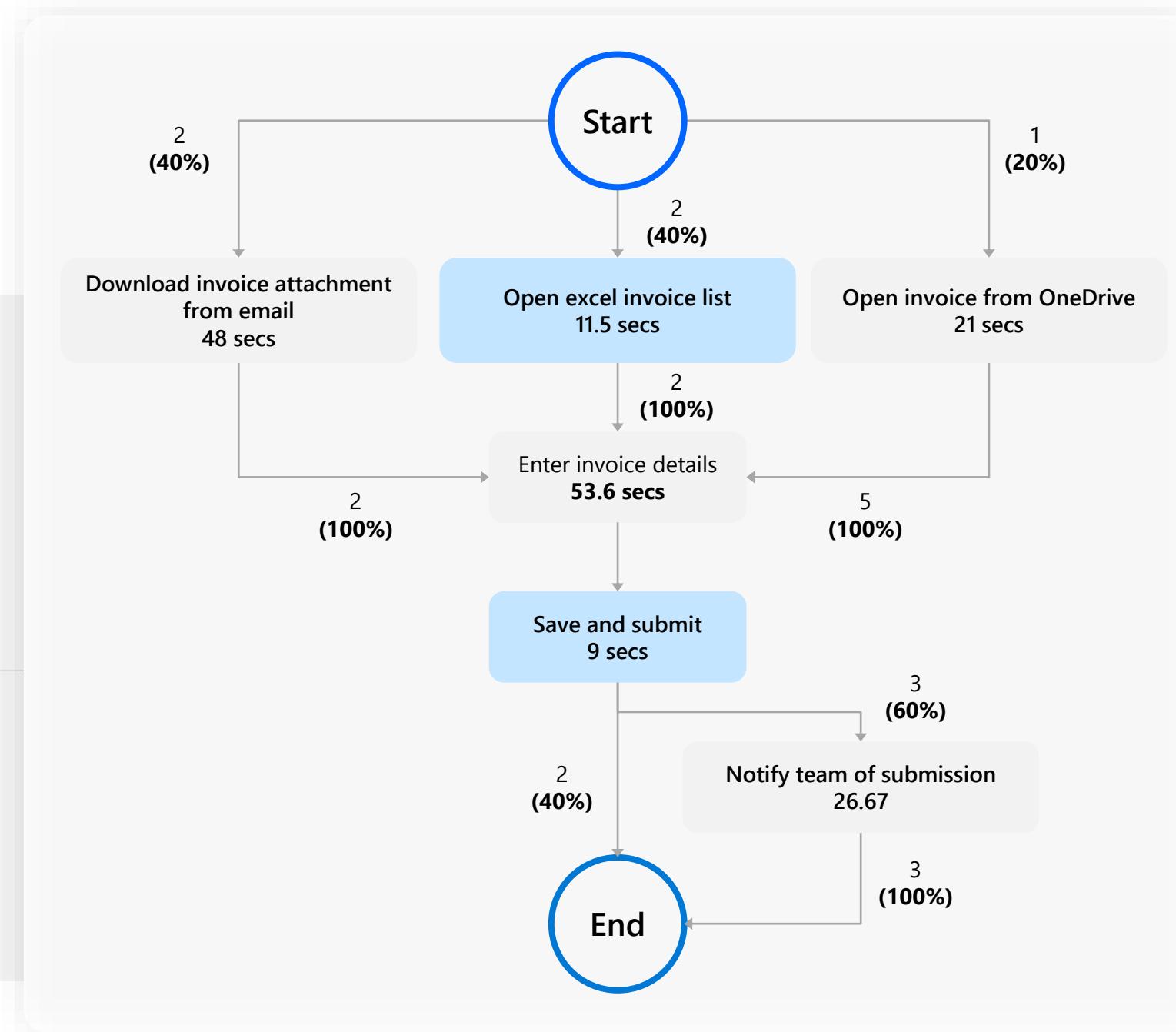
Two powerful capabilities make up process advisor

Process mining

Identify company-wide bottlenecks and inefficiencies in workflows

Task mining

Discover possibilities for automation for individual workflows



Power Automate Process Mining

Key capabilities

Easy-to-use web and desktop experiences

From ingestion to process map and insights in the web, using Power Automate Desktop for task mining to interactive drill-down and set up of custom metrics in the Minit desktop app

Deep Analytics

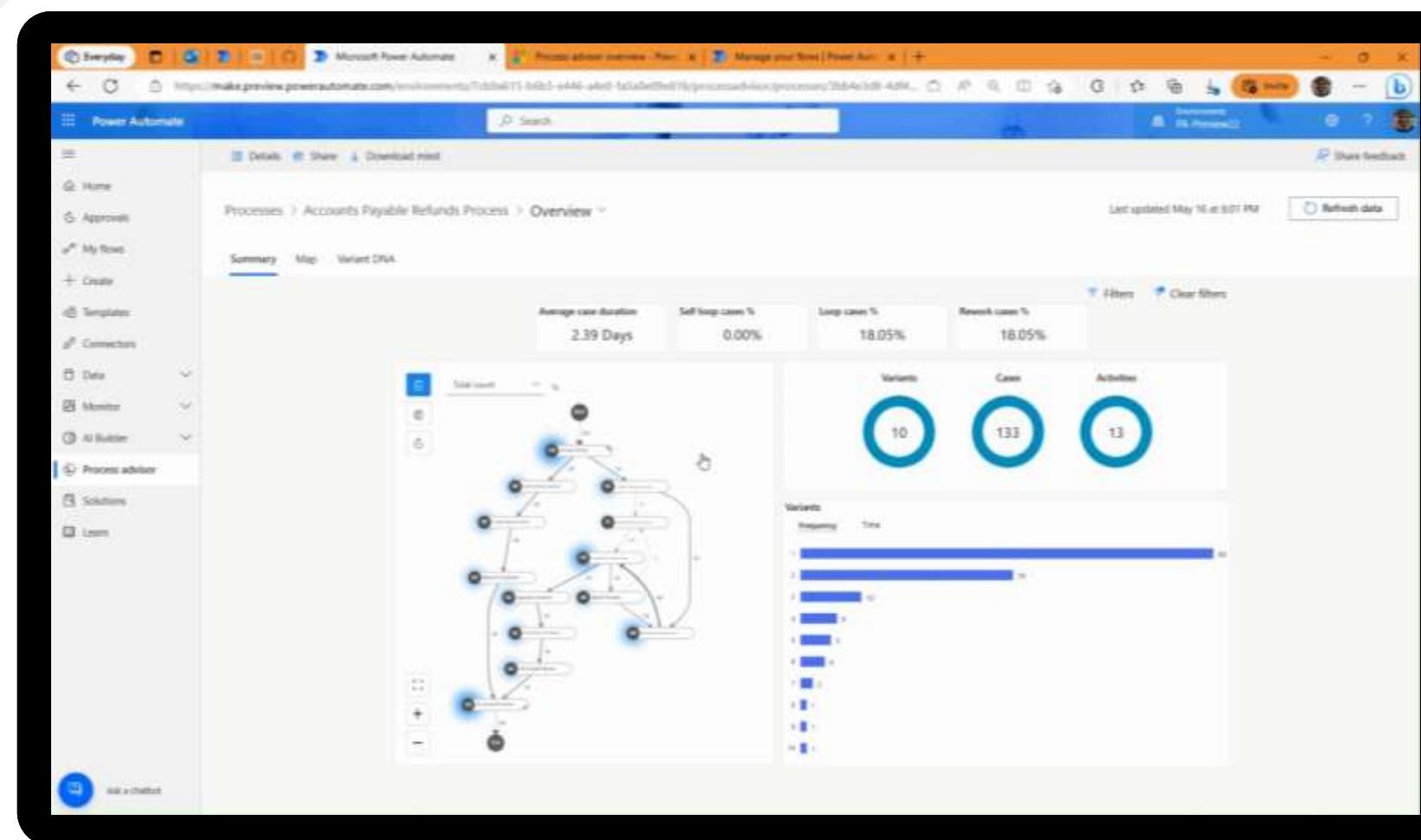
Discover inefficiencies and eliminate them by comparing processes, detecting rework, using AI powered root cause analysis and more

Customizability & Extensibility

From customizing metrics to producing meaningful results and customized reports with Power BI and integration with Power Platform, Dynamics, Azure and M365

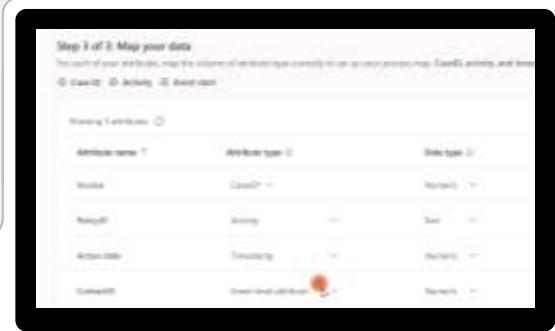
Get started with OOB Templates

Use out-of-box templates such as Finance and Supply Chain, for rapid deployment from data ingestion to pre-defined custom reports



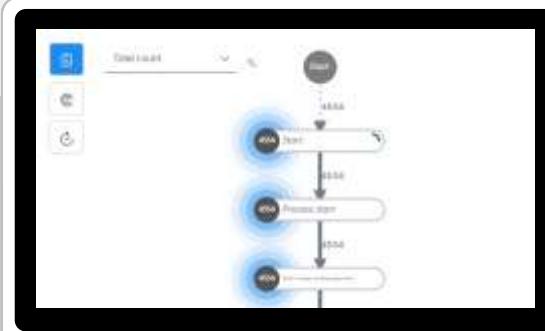
Easy-to-use and Accessible Web & Desktop Experiences

Intuitive experiences ranging from overviews to hands-on deep dives



Data ingestion

Intuitive mapping experience, with out-of-box attributes like resource and financial amount. Schedule your Dataflows refresh and refresh incrementally for efficient ETL



Visualize processes

From a rich process map to hierarchical views and interactive drill downs, switch between overview and deep dive visualizations



AI powered Insights

Use out-of-box recommended KPIs, visuals, and filter options to uncover efficiencies and actions to eliminate them



Process Mining specific Power BI visuals

Use Power BI visuals specifically created for Process mining analysis to broadly share process insights

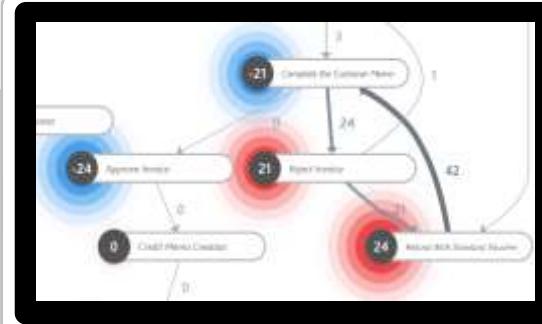
Deep Analytics

Power your analysts with data on your processes



Process Compare

Visualize and analyze processes to find best performers by comparing them against real-life or simulated versions, as well as their BPMN model



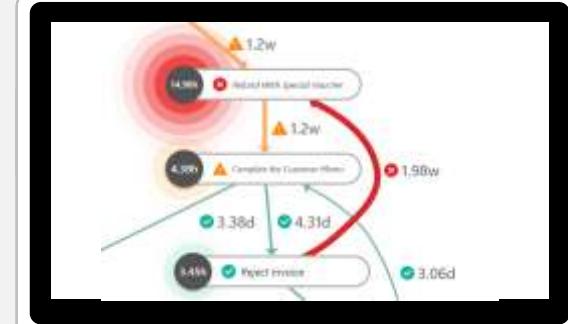
Rework Detector

Find unnecessary rework and eliminate it by analyzing the frequency and scale of rework, and investigate which activities trigger and end it



AI powered Root-Cause Analysis

Compute attributes and the root causes of problems your process experiences to uncover hidden connections and causalities



Business alerts & Rules monitoring

Score process performance and be alerted if operational KPIs and standard are met, by setting up pre-set rules

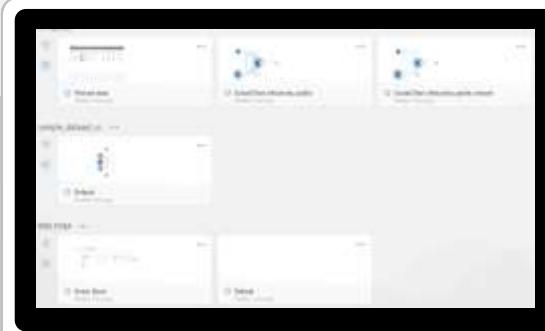
Customizability & Extensibility

Easily customize your reports and integrate with Power Platform



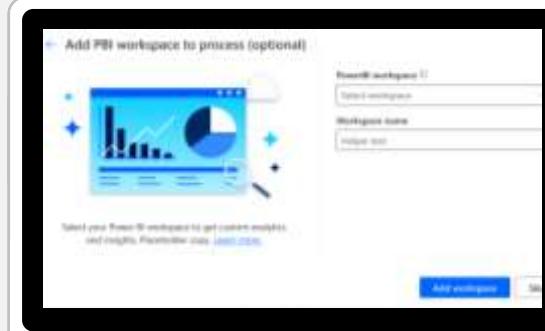
Custom Metrics

Create, edit and customize metrics over process data to produce results and insights tailored to your processes and meaningful to you



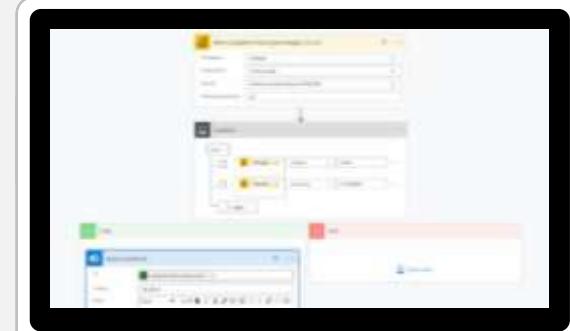
Custom Views

Create custom analytical views to reflect different business contexts/viewpoints and publish them to Power BI as reports



Publish to Power BI

Publish reports to your own Power BI workspace. Use your custom views and KPIs to tailor the PBI report and share them broadly across the organization.

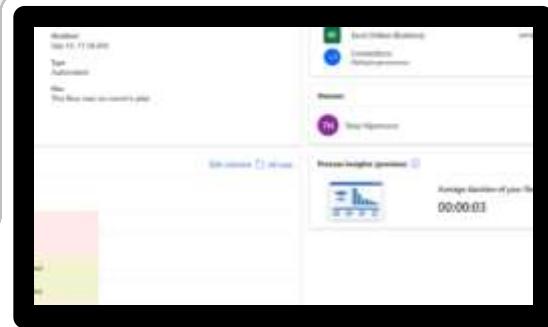


Power Platform and Microsoft ecosystem

Set triggers when KPIs are breached or process rules are violated. Leverage the multiple actions in Power BI and Power Automate, inform your team in Outlook and Teams

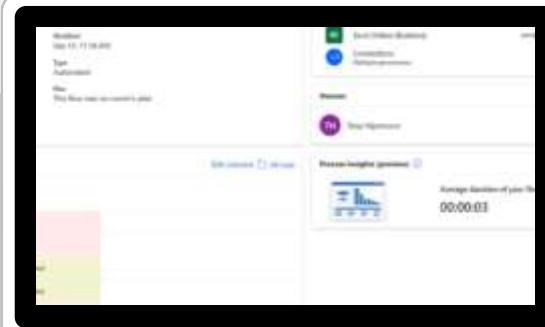
Out-of-Box Templates

Rapidly ingest data and get started with templates



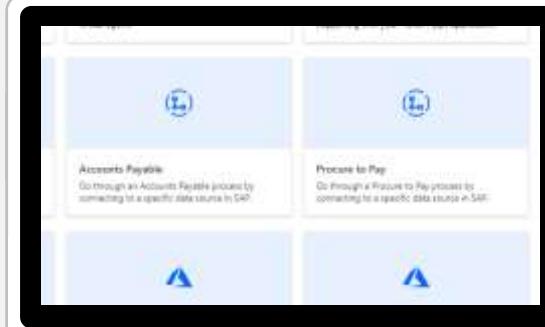
Out-of-Box Ready to Use

Use several out-of-box templates allows rapid deployment from data ingestion to pre-defined custom reports, all in one package



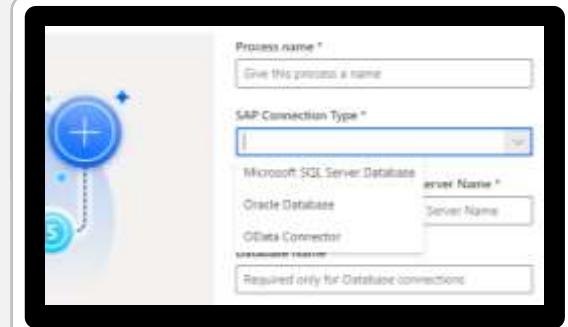
Microsoft data use cases

Templates for Power Platform (Power Automate Desktop, Power Apps and Power Virtual Agents) and Azure (DevOps, Logic Apps, Durable Functions and Bot Framework)



Financial Use Cases

Get started with broadly applicable financial use cases such as using Accounts Payable and Procure to Pay



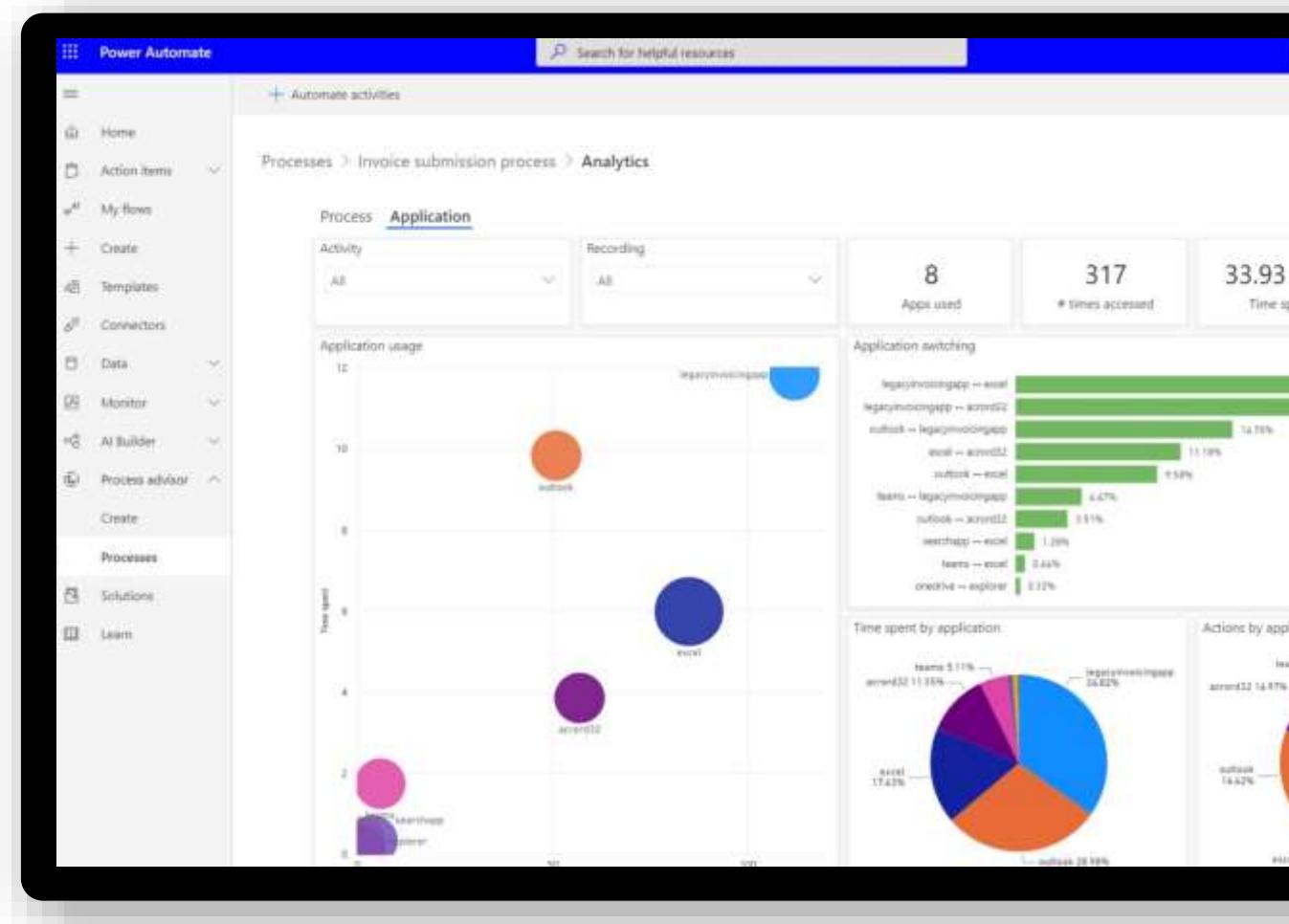
Easily Connect to SAP

For preview we are concentrating on making it easy to connect to your SAP data by supporting direct connectors and handle any required data transformation for you.

Take the guesswork out of automation

Task Mining

- 1 Capture **detailed steps** for **tasks** performed on users' desktops
- 2 Gain **insights** into task execution, **identify** common mistakes, and **pinpoint** what can be **automated**
- 3 **Optimize** business processes identifying **inefficiencies** and **bottlenecks** and **reducing costs**
- 4 **Foster** a culture of **continuous improvement** where employees are encouraged to optimize their work processes.



Take the guesswork out of automation

Process analytics (preview)

- 1 Gain **valuable insights** and **optimize** your **cloud flows**
- 2 Visualize your flow's **performance** and monitor for **performance drifts**
- 3 Identify **bottlenecks** and **opportunities** for **improvement**

The screenshot shows the 'Power Automate' interface with the 'Flows' section selected. A specific flow named 'Process sales orders' is displayed. The flow details include:

- Details:** Name: Process sales orders, Owner: Ios Fernandes, Status: Off, Created: Apr 21, 06:10 AM, Modified: May 6, 03:15 AM, Type: Automated, Plan: This flow runs on owner's plan.
- 28-day run history:** A table showing the execution history of the flow over the last 28 days. All runs have been successful, with durations ranging from 00:00:24 to 00:08:02.
- Connections:** A list of connected services including Approvals, Microsoft Dataverse, Excel Online (Business), and Connections.
- Owners:** A list of users assigned as owners, including JK and MF.
- Process insights (preview):** A summary section showing an average duration of 00:08:02.



Automate business processes

Accelerate automation development with low-code and AI

“

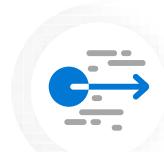
I've learned about my processes; now how do I automate?



Create a flow



Test your flow and debug



Share your flow with others

Automate with flows



Cloud flows

Automate modern apps, services, and data with APIs in the cloud

Powered by **digital process automation** (DPA)

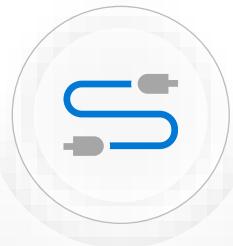


Desktop flows

Automate legacy systems on a desktop or virtual machine (VM)

Powered by **robotic process automation** (RPA)

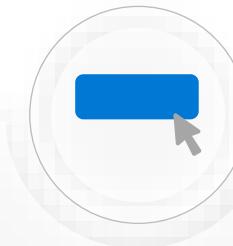
Bridge the gap with API **connectors** and UI **actions**



Connectors

Prebuilt: Connect to over 1,000+ prebuilt API connectors

Custom: Develop your own API connectors for personalized solutions

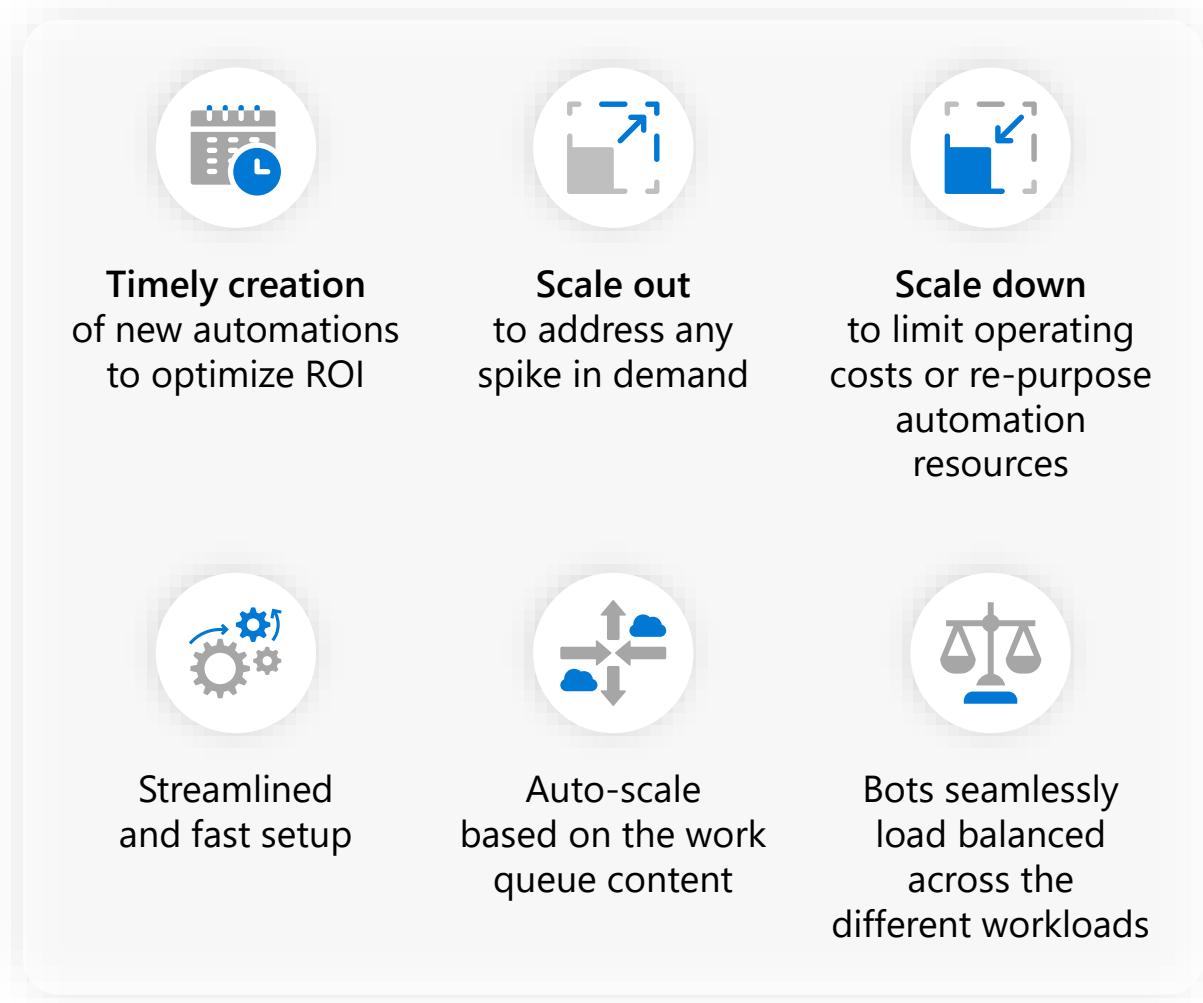
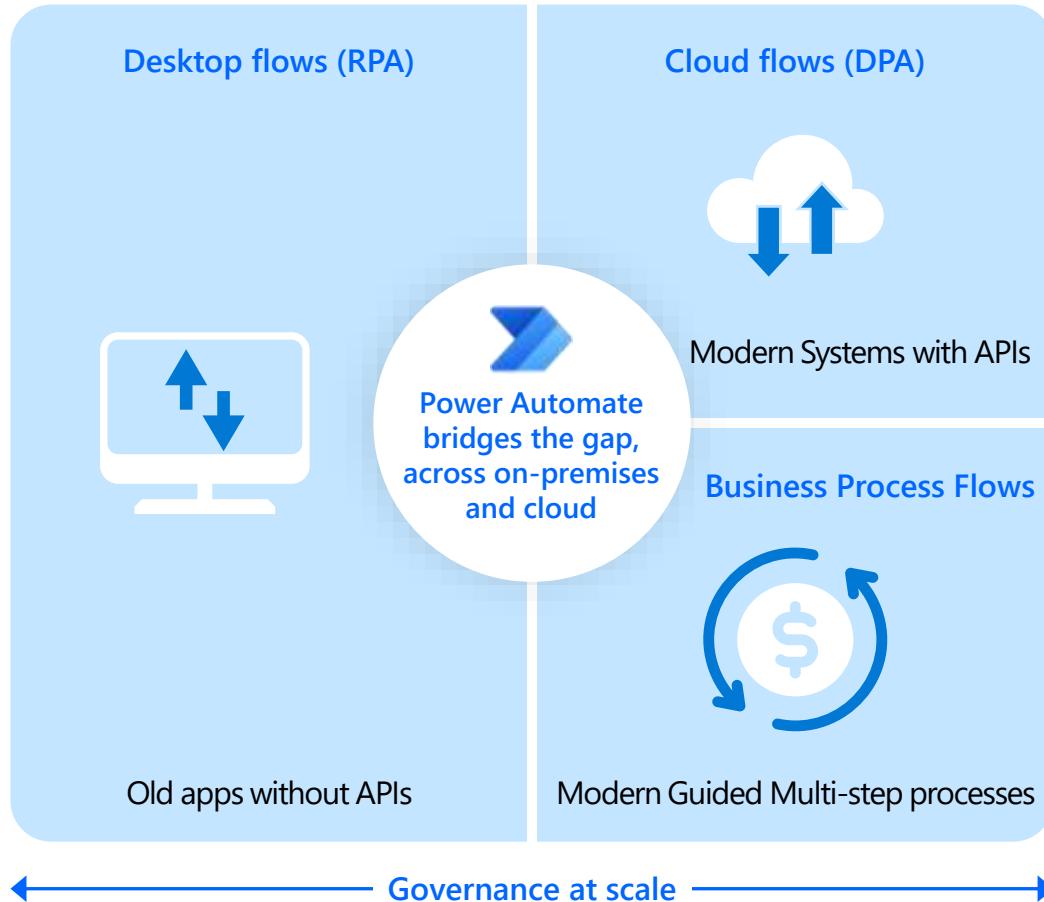


Actions

Prebuilt: Choose from hundreds of drag-and-drop UI actions

Custom: Develop your own UI actions with the actions SDK (preview)

Automate across the old and the new

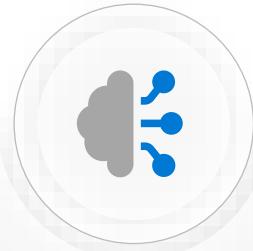


Enhance automation with AI

Make your automated workflows even more intelligent



[AI Builder](#)



[Artificial intelligence \(AI\)](#)

[Learn more >](#)

[AI Builder in Power Automate](#)

[Document Automation](#)

[How it works](#)

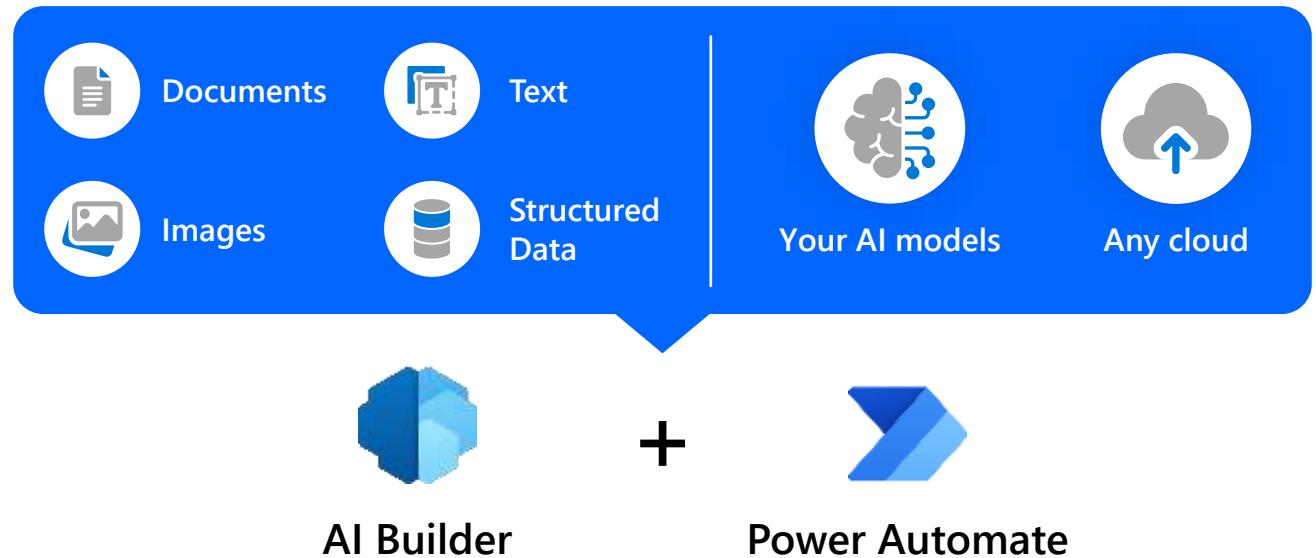
AI Builder in Power Automate

Build intelligent experiences

Invoke an AI model with specific workflows, data, and AI Builder

Embed AI into processes without the help of a data scientist

Build robust, dynamic automations



| | | | | |
|--|--|---|--|--|
|  Automate customer application processing |  Automate leads entry |  Automate supplier invoice processing |  Automate expense reports |  Digitalize text from a picture |
|  Categorize user feedback |  Identify language of text |  Translate support requests |  Extract insights from product reviews |  Identify and route customer requests |
|  Identify sentiment from social media posts |  Identify fraudulent transactions |  Predict customer churn |  Classify and index images based on their content |  Automate inventory control |

Document Automation

Automate your documents

How it works

Power Automate and the Power Platform provide a complete solution for processing documents at scale that includes AI powered data extraction, manual validation, process orchestration, pipeline monitoring, and more.



Receive documents

Receive documents from your customers



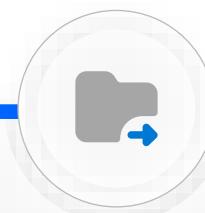
Extract

Extract information from the documents



Validate

If needed, a human can confirm or correct the extracted data



Export

Export the extracted data to your ERP or to any other data storage of your choice



Monitor

Supervise your end-to-end process with the provided monitoring application

Document Automation

Increase efficiency through intelligent automated workflows powered with AI

The screenshot shows a user interface for document automation. On the left, a sidebar lists options: "Choose document type" (selected), "Choose information to extract", "Add collection of documents", "Tag documents", and "Model summary". The main area is titled "Select the type of documents your model will process" and offers two choices: "Structured documents" (selected) and "Unstructured documents". A detailed description explains that structured documents have a fixed layout where fields like dates, tables, checkboxes, etc., are consistently located. Examples include invoices, purchase orders, delivery orders, tax documents, etc. Below this, there's a preview section showing a thumbnail of a document and a larger view of an "INVOICE" document with a table of items and totals. A "Quick tips" sidebar on the right provides links for "Unstructured documents limitations" and "Still unsure?". The top right corner shows "Document Processing 1/24/2023, 3:09:42 PM" and "Save and close".

Transform natural language to Automation

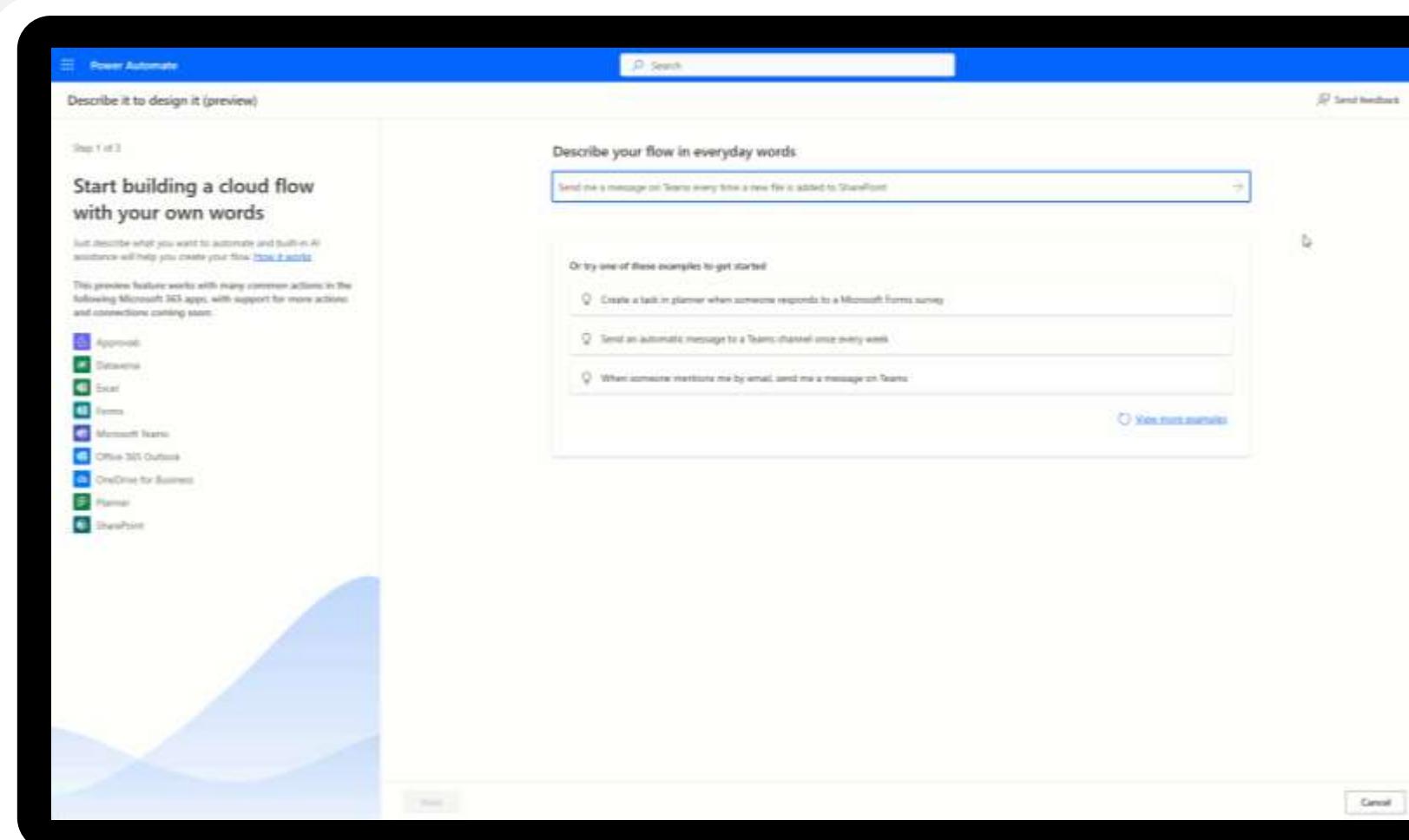
Bring ideas to life with AI powered automation development

Now you can **describe what you want** to automate in a sentence, and an AI-based copilot will build your flow in seconds

This new way to create flows runs on OpenAI Codex, an AI model descendant of GPT-3 that can **translate natural language to code**, in this case, Power Automate cloud flows

This is the same technology behind GitHub Copilot and Power Apps Ideas (preview)

At launch, Microsoft 365 connectors will be supported with **more coming in the future**

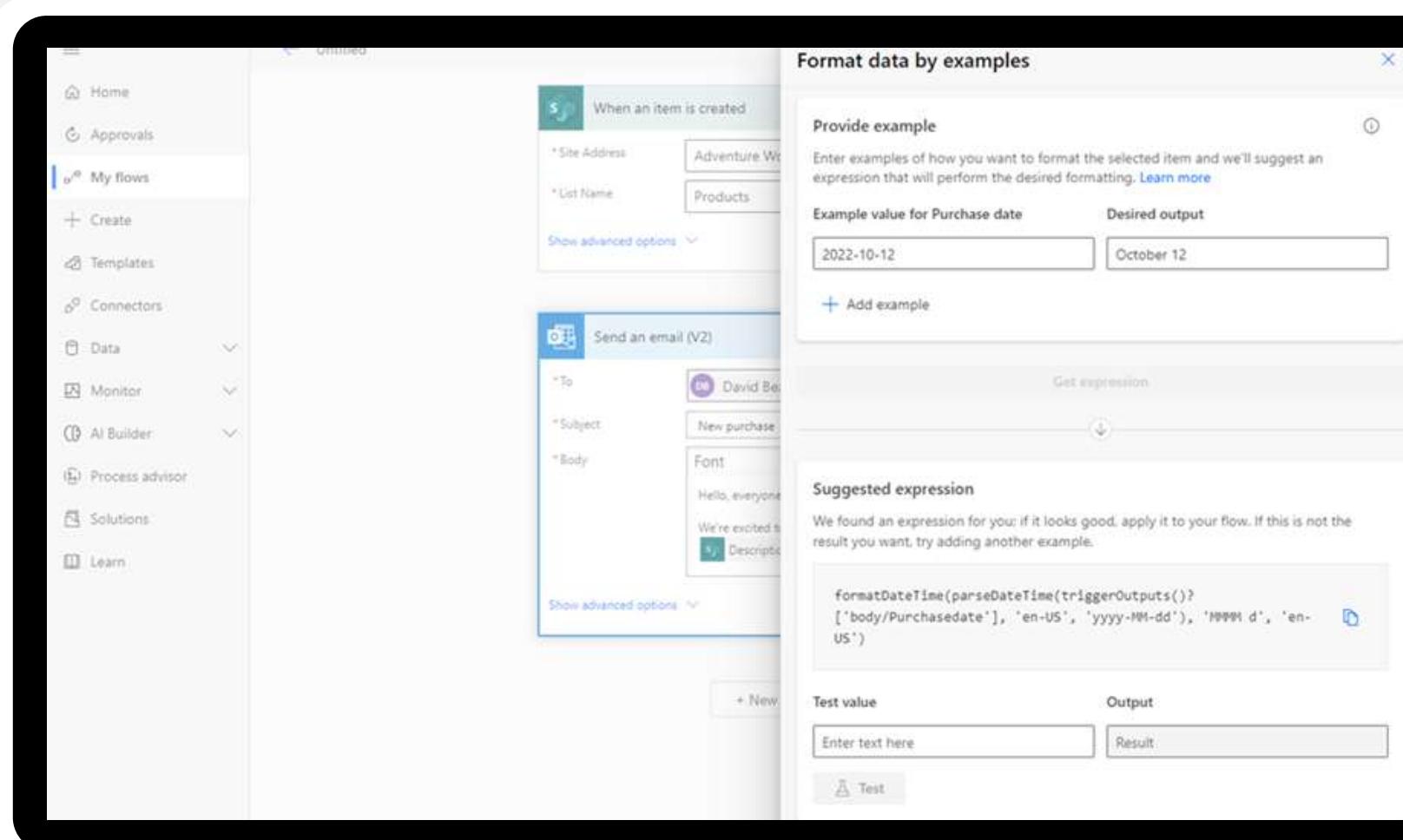


Format data by examples

Bring ideas to life with AI powered app development

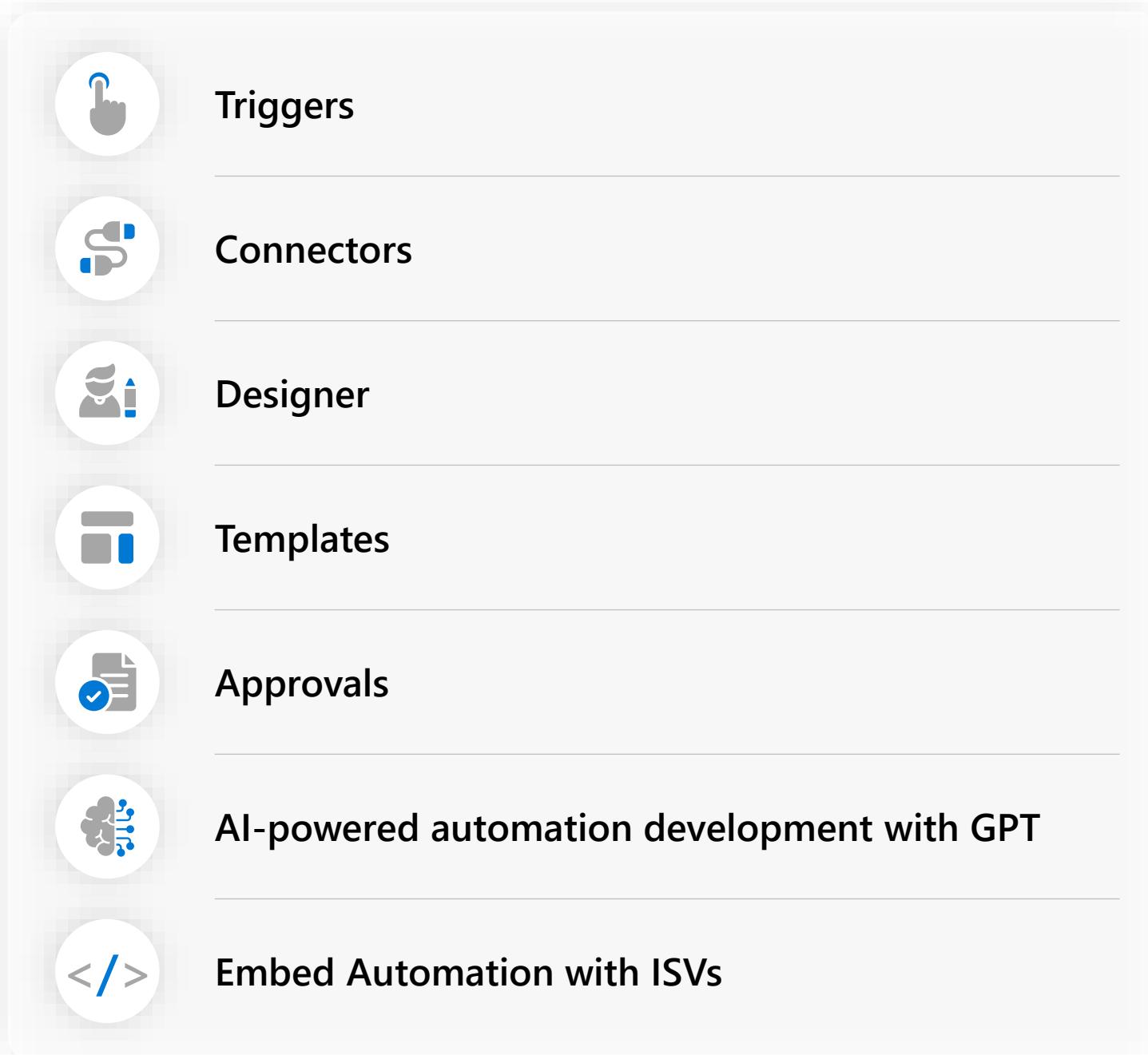
Now, it's simple for users to format data by examples with AI assistance

When you want to format text, dates, and numbers within your cloud flow, you can just provide examples of the desired output format and the copilot will automatically generate the expression formula to use



Cloud flows

Digital process automation
(DPA)



A closer look at cloud flows

Automate between cloud-based apps, services, and data using API connectors and hundreds of prebuilt templates

Triggers

Automated

Run a cloud flow when something happens

Instant

Run a cloud flow manually

Scheduled

Run a cloud flow on a schedule

Connectors

Connect your cloud flows to apps, services, and data

Standard

Connect between a wide range of cloud apps, services, and data

Premium

Expand the cloud apps, services, and data you can connect to

Custom

Developed by enterprise customers for internal use

May be developed by SIs for their customers

Connectors are not required to be open sourced

Support is provided by internal teams/IT

Verified Publisher

Developed & maintained by an ISV or API owner

Certified & deployed by Microsoft

Connector is open sourced in our GitHub repository and submitted to ISV Studio

Tier 2 & 3 support is provided by ISV or API owner

Publicly available for use in Power Automate, Power Apps, & Azure Logic Apps

Independent Publisher

Developed & maintained by 1 or more developers

Certified & deployed by Microsoft

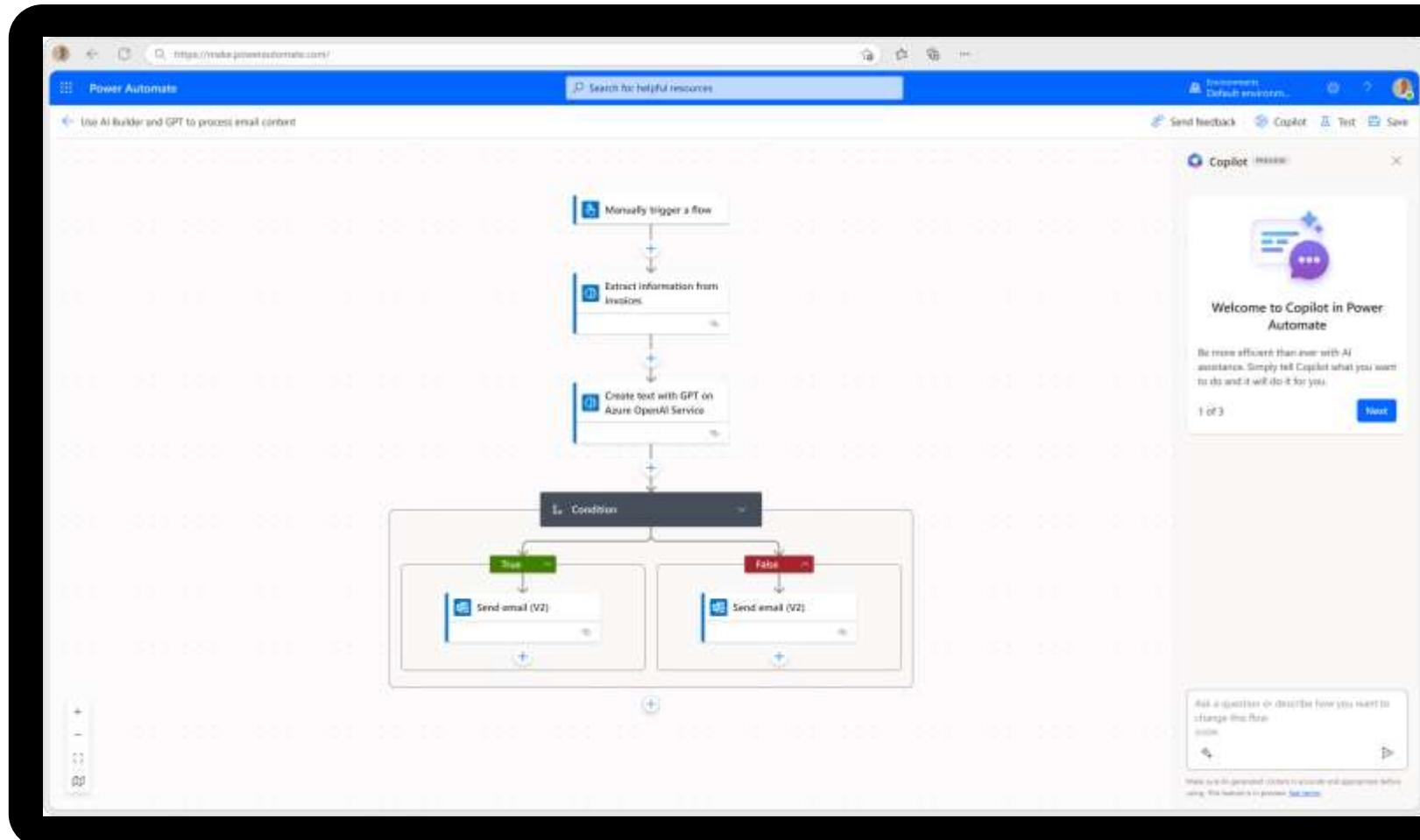
Connector open sourced in our GitHub repository

Tier 2 & 3 support is provided by the community

Publicly available for use in Power Automate, Power Apps, & Azure Logic Apps

Cloud flows designer

Use API **connectors** for each step in your cloud flow



Cloud flows templates

Get started quickly with prebuilt, searchable cloud flow templates

The screenshot shows the Microsoft Power Automate website's template library. At the top, there's a navigation bar with links for Microsoft, Power Automate, Product, Capabilities, Pricing, Partners, Learn, Support, and Community. On the right side of the header are Sign in, Try free, and Buy now buttons. Below the header is a search bar labeled "Search templates ..." with a magnifying glass icon, and a dropdown menu set to "Sorted by published time". The main content area features a grid of 12 template cards, each with a title, a brief description, the creator, and metrics like views and likes. The categories represented in the grid include Remote work, Approval, Button, Data collection, Visio, Email, Events and calendar, Mobile, Notifications, and Productivity.

| Category | Title | Description | Creator | Views | Likes |
|---------------------|--|--|---------------------------------------|---------------------|-------|
| Featured | Notify the team when a new lead is created in Salesforce | Notify the team when a new lead is created in Salesforce | By Microsoft Power Automate Community | Automated 277 | 0 |
| Featured | Notify a channel you'll be out of office | Notify a channel you'll be out of office | By Microsoft | Instant 6192 | 0 |
| Featured | Create a new Trello card from a message | Create a new Trello card from a message | By Microsoft | Instant 5359 | 0 |
| Featured | Get a push notification when you receive an email from your boss | Get a push notification when you receive an email from your boss | By Microsoft | Automated 547944 | 0 |
| Remote work | Get a push notification with updates from the Power Automate blog | Get a push notification with updates from the Power Automate blog | By Microsoft | Automated 174357 | 0 |
| Approval | Forward emails to a channel | Forward emails to a channel | By Microsoft | Automated 63448 | 0 |
| Button | Analyze emails sentiment with AI Builder and send results to Teams | Analyze emails sentiment with AI Builder and send results to Teams | By Microsoft | Automated 18601 | 0 |
| Data collection | Create a to-do whenever you are @mentioned in an email | Create a to-do whenever you are @mentioned in an email | By Microsoft | Automated 69984 | 0 |
| Visio | Save a message to OneNote | Save a message to OneNote | By Microsoft | 0 | 0 |
| Email | Create a Planner task when a channel post starts with TODO | Create a Planner task when a channel post starts with TODO | By Microsoft | 0 | 0 |
| Events and calendar | Follow up on a message | Follow up on a message | By Microsoft | 0 | 0 |
| Mobile | Notify a team when Planner tasks change status | Notify a team when Planner tasks change status | By Microsoft | 0 | 0 |
| Notifications | | | | 0 | 0 |
| Productivity | | | | 0 | 0 |

Approvals with Power Automate

Create, manage and share approval processes across the organization

Connectors

Within Power Automate you can create a new approval flow via a trigger from a system driven event from one of the **1000+ connectors or add your own LOB connector**

Storage

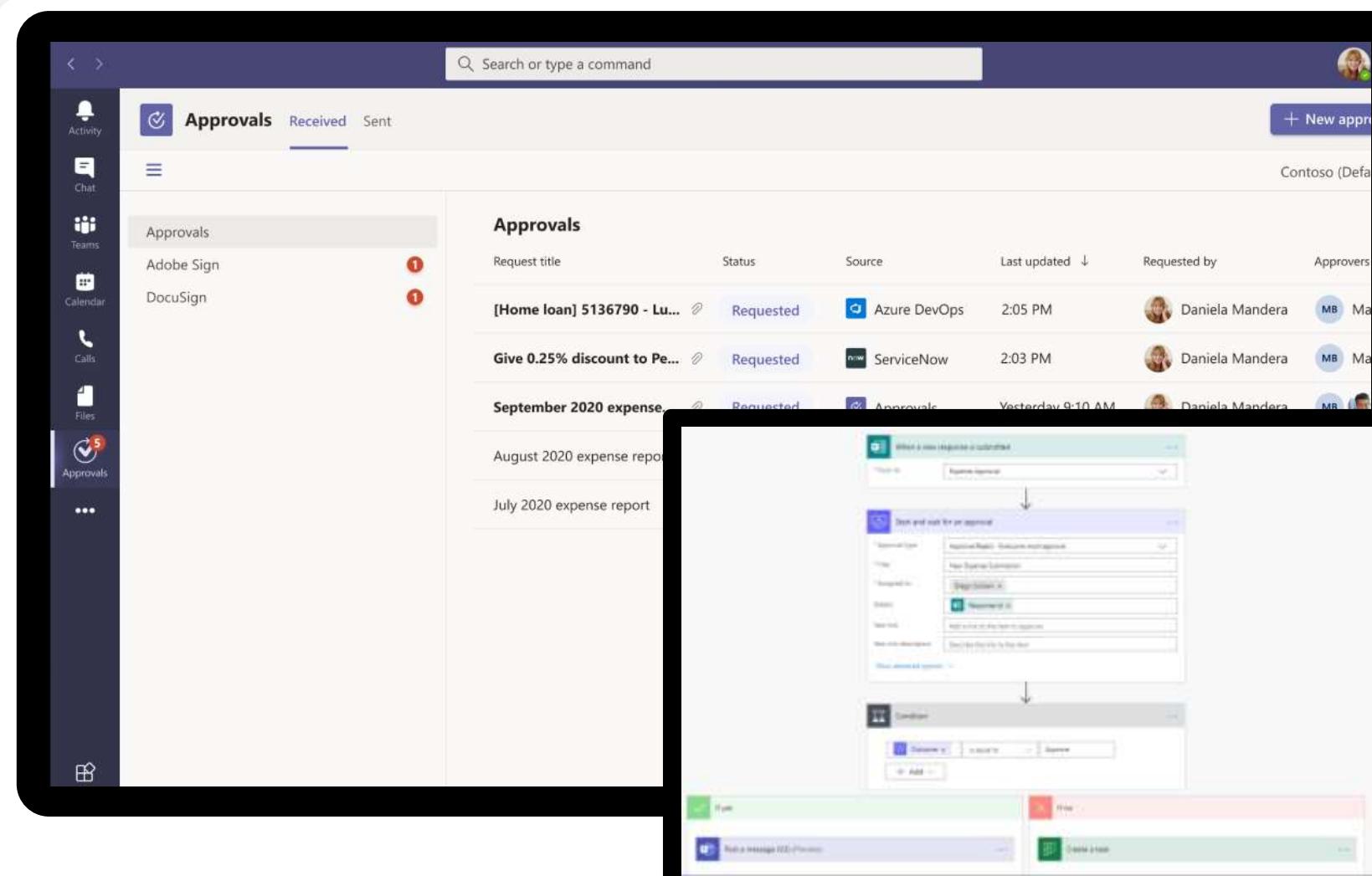
All Approvals are **stored in Dataverse** where the **admins have full access**, and can configure policies and manage Approval's storage, rollover, and policy in Dataverse

Retention

Approvals **last forever** or whatever policy the Admin has set

Security

Only the **requestor, approver, and the Global Tenant Admin** can access the data



Embed Power Automate

Automation in your product offering



Power Automate embedded into Adobe Sign for advanced document signature and processing workflow

All Adobe users are now able to use Power Automate flows seamlessly to streamline their process, without leaving Adobe UI.

A screenshot of the Adobe Sign web interface. At the top, there's a navigation bar with 'Home', 'Send', 'Manage', and 'Workflows'. On the right, it shows 'John Appleseed' and some notification counts. The main area is titled 'Welcome to Adobe Sign, John'. It features a large button labeled 'Get a document signed' with sub-options 'Request signature' and 'Start from library'. Below this, there's a section titled 'Do more with Adobe Sign' with six smaller buttons: 'Fill and sign a document', 'Publish a web form', 'Send in bulk with Mega Sign', 'Create a reusable template', 'Manage and track all agreements', and 'Create a workflow'. The overall design is clean and modern, with a white background and light blue accents.

Cloud flows: Custom API

Create and use
custom connectors for
more scenarios

The screenshot shows the 'Definition' step of creating a custom connector in Power Automate. The connector is named 'Star Wars API V1'. The interface is divided into several sections:

- Actions (2):** Contains 'PeopleList' and 'PeopleGetById' actions.
- Triggers (1):** Contains a 'New trigger' for 'PeopleList'.
- References (0):** No references defined.
- Policies (0):** No policies defined.

General:

- Summary:** People List
- Description:** Get a list of people.
- Operation ID:** PeopleList
- Visibility:** none

Request:

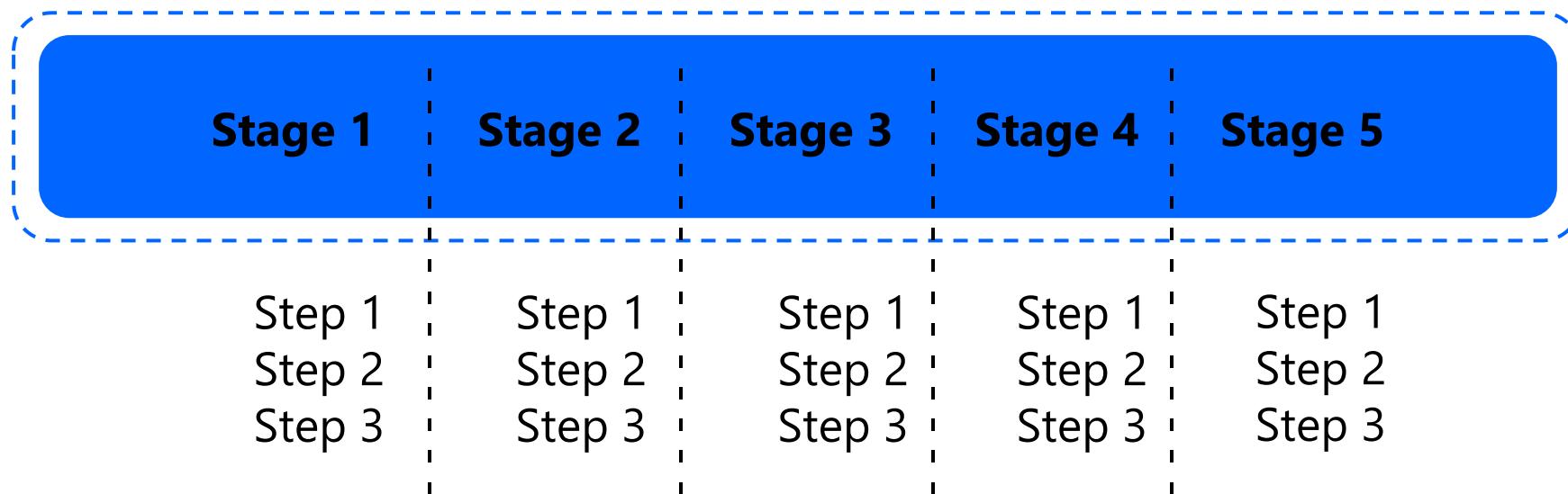
- Verb:** GET
- URL:** https://api.starwarsapi.net/api/people

Other UI elements include a 'Swagger Editor' tab and a 'Import from sample' button.

Business process flow

Automate multistep, guided processes

A *business process flow* automates a multistep business process using Microsoft Power Apps to create an automated visual, guided experience.



Business process flow

Automate multistep, guided processes

The screenshot displays the Microsoft Dynamics 365 Project Operations interface. At the top, the title bar shows "Dynamics 365 Project Operations". The main area is titled "Professional Services Engagement" under the "Project" section. A horizontal timeline at the top indicates the project's status from "New (37 Min)" to "Closed". Below the timeline, there are several tabs: "Summary", "Tasks", "Team", "Resource Assignments", "Resource Recconciliation", "Estimates", "Tracking", "Sales", "Task Billing Setup", "Expense Estimates", and "Related". The "Summary" tab is selected. The "General" section contains fields for Project ID (P-001024-0), Name (Professional Services Engagement), Description (Professional Services Engagement), Owning Company (USPM), Customer (Altium Corporation), Calendar template (PST 8 hrs), Currency (USD), Contracting Unit (Contoso Software US), and Project Manager (Molly Clark). The "Estimates" section provides details like Estimated Start Date (3/29/2021), Actual Start (—), and Actual Finish (—). The "Actuals" section shows values for Estimated Labor Cost (\$1,110,952.00), Actual Labor Cost (\$0.00), Estimated Expense Cost (\$52,010.00), Actual Expense Cost (\$0.00), Estimated Total Cost (\$1,162,962.00), and Actual Total Cost (\$0.00). The "Status" section includes fields for Overall Project Status (—), Comments (—), and Status Updated On (3/29/2021). The left sidebar shows navigation links for Home, Record, Project, My Work, Dashboards, Time Entries, Expenses, Approvals, Projects, Schedule Board, Resource Utilization, Resources, and Roles. The bottom navigation bar includes "Projects" and "Active".

Desktop flows

Robotic process
automation (RPA)



Attended vs Unattended RPA



Logical architecture



Connect to legacy and modern systems



Visual Designer



Recorder



Exceptional handling

What are desktop flows?



Desktop flows enable you to automate repetitive tasks using software robots that act like humans.



It opens the world of automation to include software that's old or new, on-premises or in the cloud.



Employees focus on high-value activities, improving compliance and job satisfaction while removing human error.

Focus on what's most important.
Automate the rest.

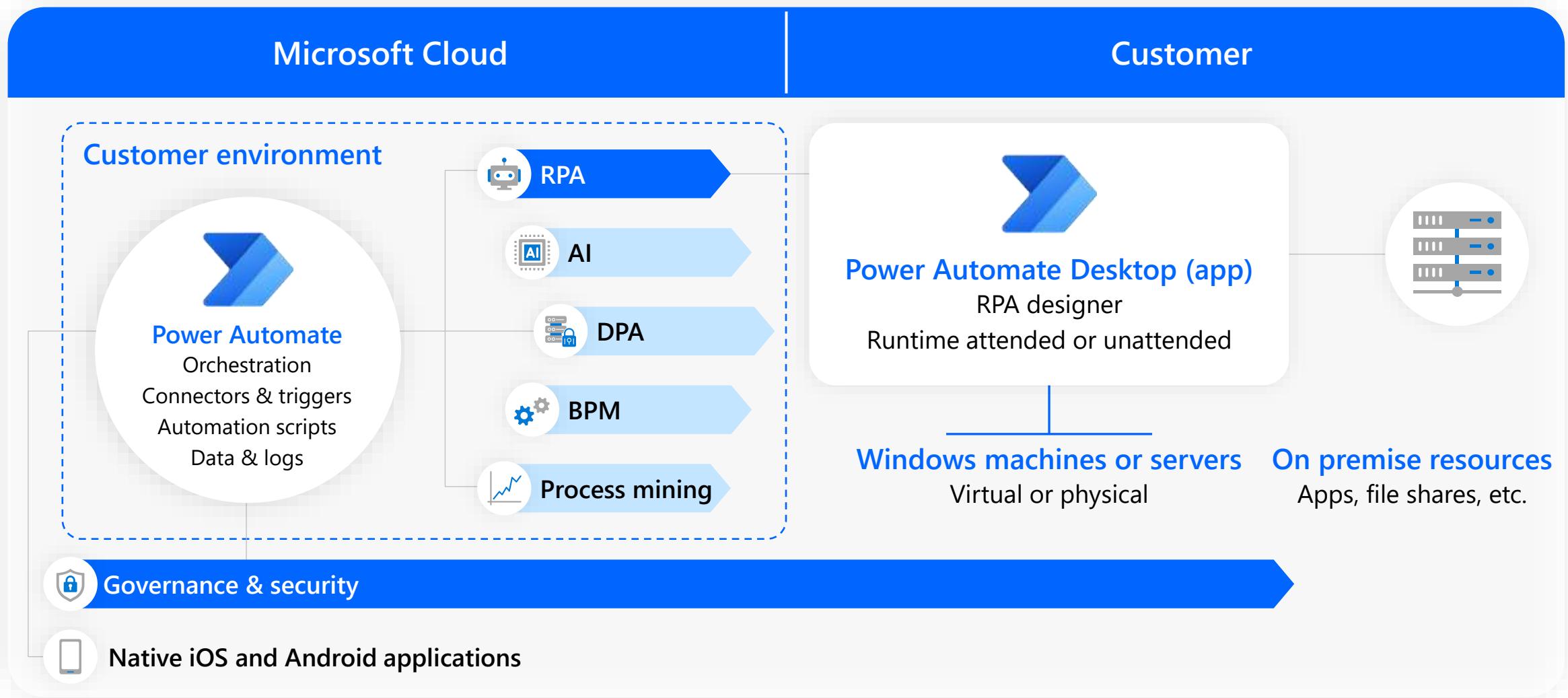


Robotic Process Automation (RPA)

Automate your desktop by creating software robots that act like humans interacting with the user interface (UI)

| | Attended | Unattended |
|--------------|---|---|
| Overview | Drive efficiencies and automate manual tasks across desktop and web | Accelerate the automation of high-volume and tedious tasks without lifting a finger |
| Scenario | On-demand task automation | Automate company processes at scale |
| Audience | Citizen developer in business unit | Automation specialist in a Center of Excellence dedicated to RPA |
| Requirement | User signed in on their device/human initiated | Jobs on dedicated machines/ robots do the work |
| Availability | Power Automate for Windows 10/11 Power Automate per user with attended RPA | Unattended RPA add-on |

Desktop flows: Logical Architecture



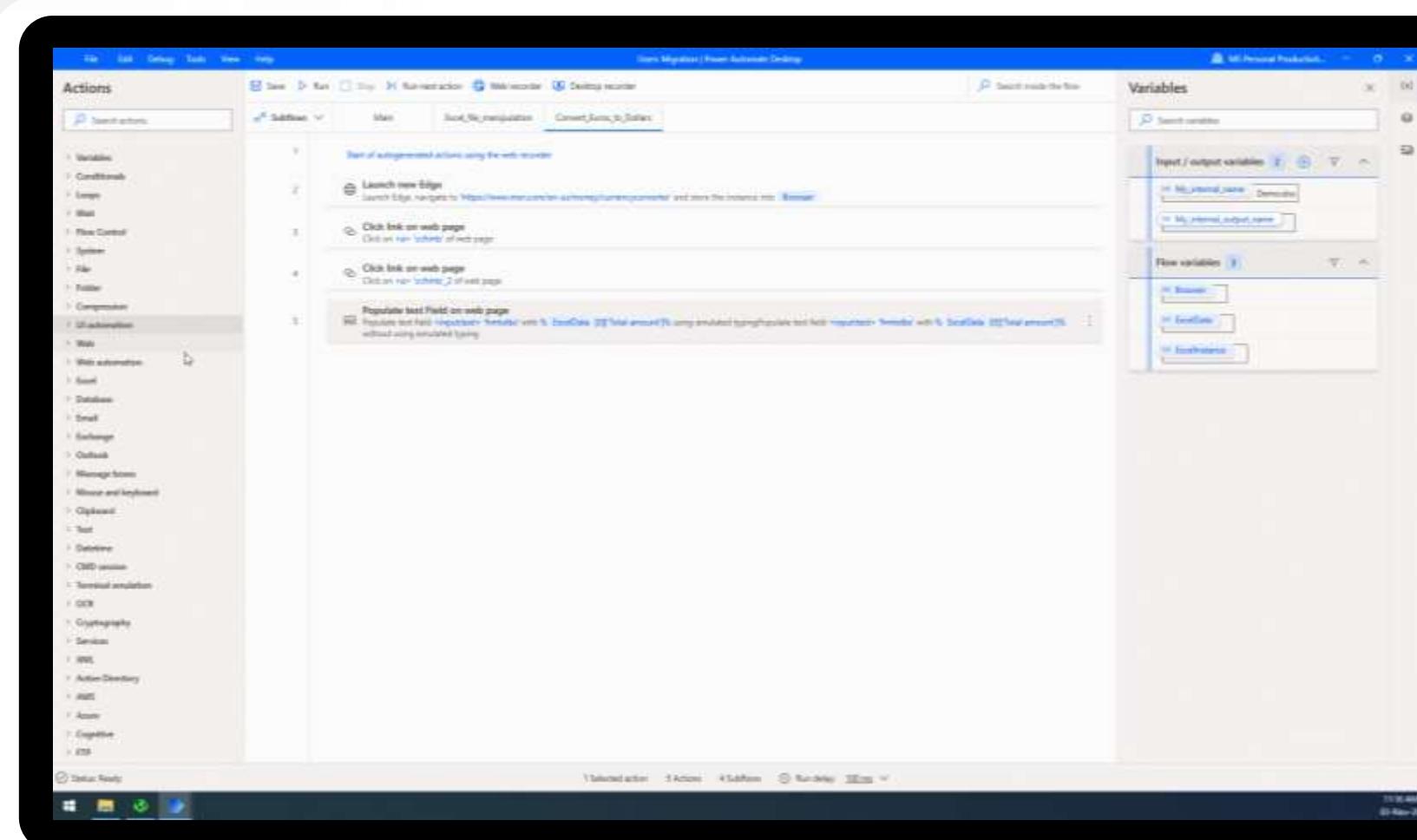
Create quickly and easily with desktop flow designer

Accelerate development, adoption, and deployment with streamlined authoring built for professional developers and citizen developers alike.

Intuitive **drag-and-drop interface** with **400+ prebuilt actions** to create each step in your desktop flow

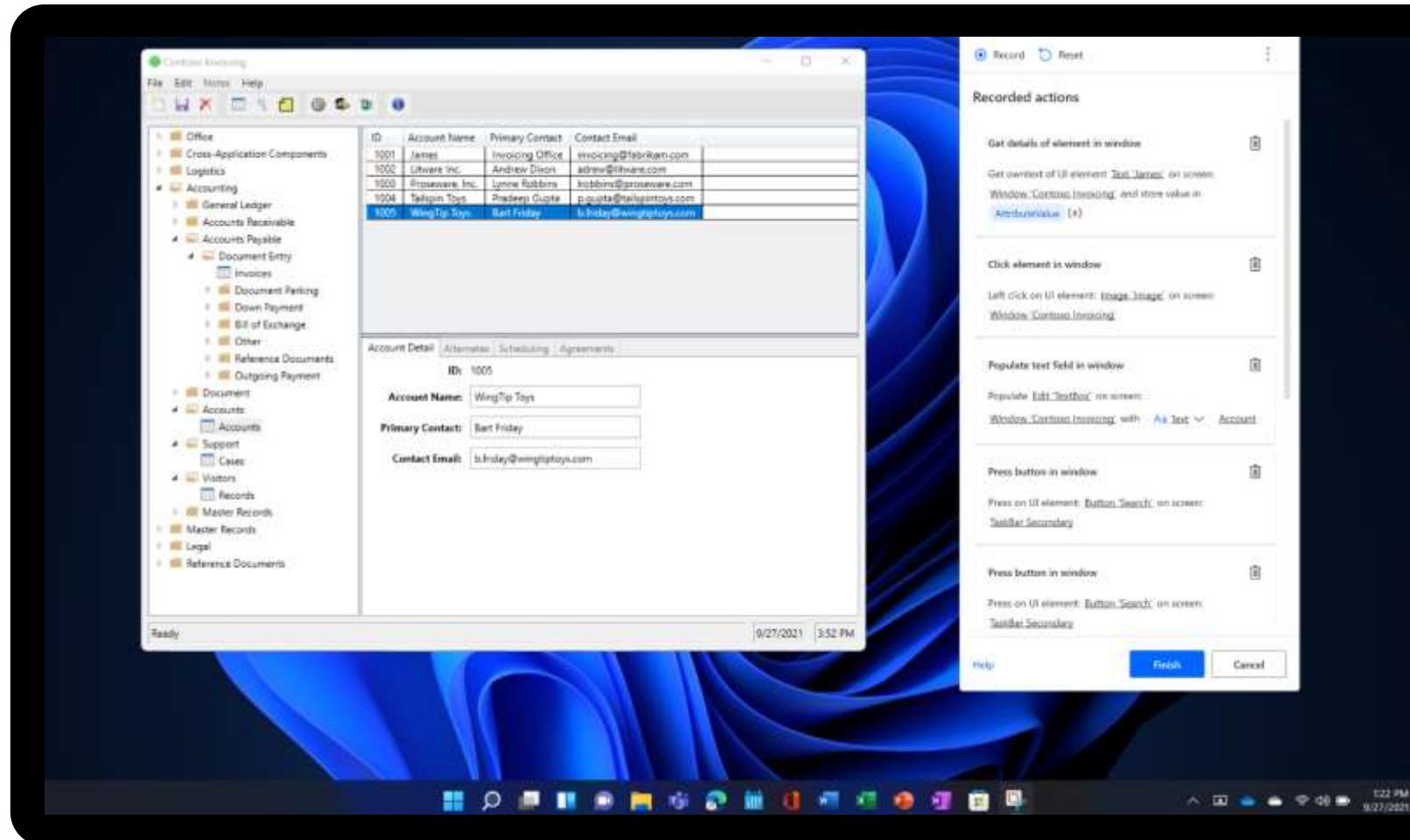
Use the **recorder** to capture your own actions, such as mouse clicks and keyboard inputs

Start quickly with prebuilt examples that are ready to run, or **share flows with others** for collaboration



Recorder

Use the recorder to capture your own actions



Deploy confidently with troubleshooting and monitoring

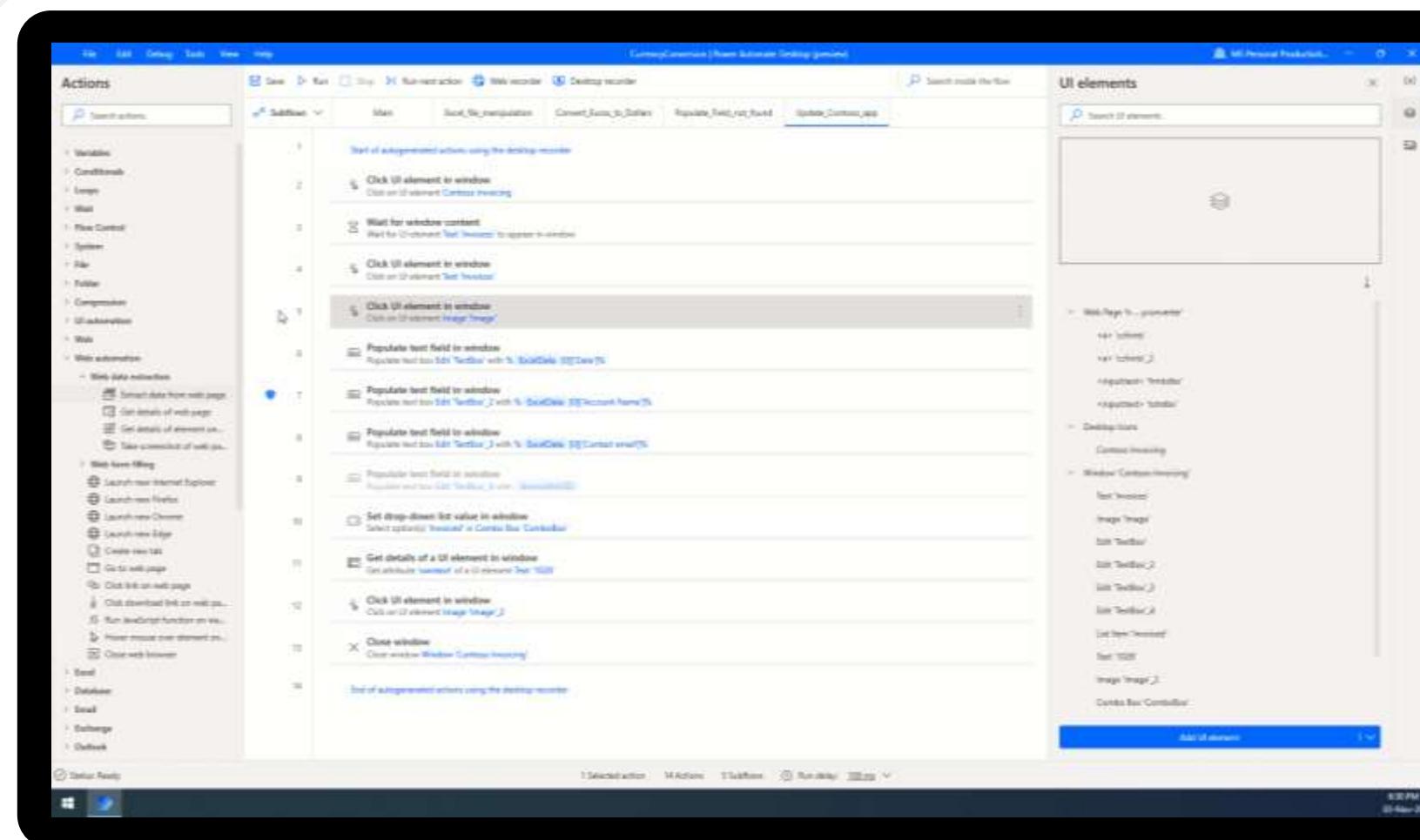
Keep your flows running smoothly with simple tools to test, debug, monitor, and manage your automations in one place.

Ensure flows continue to run with rich [error handling](#) settings

Use [debugging and testing tools](#) to troubleshoot as you build

Stay informed with flow [tracking](#), management, reporting

Prioritize based on rules, or promote critical workloads to the front of the line





**Orchestrate your
automations**

Hosted RPA for desktop flows

Desktop flows on Microsoft-hosted infrastructure on Azure



Scaling workloads



Hosted machine groups



Workload management



Seamless setup



Orchestration



Hosted machine setup

Scale your workloads with hosted RPA



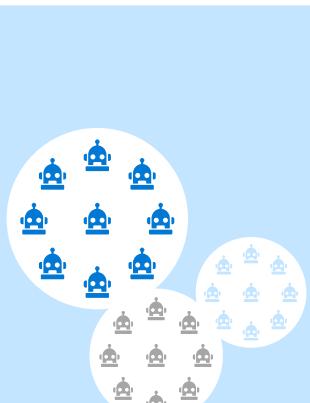
Single hosted machines

For pro and citizen developers

Build or test automation

For business users

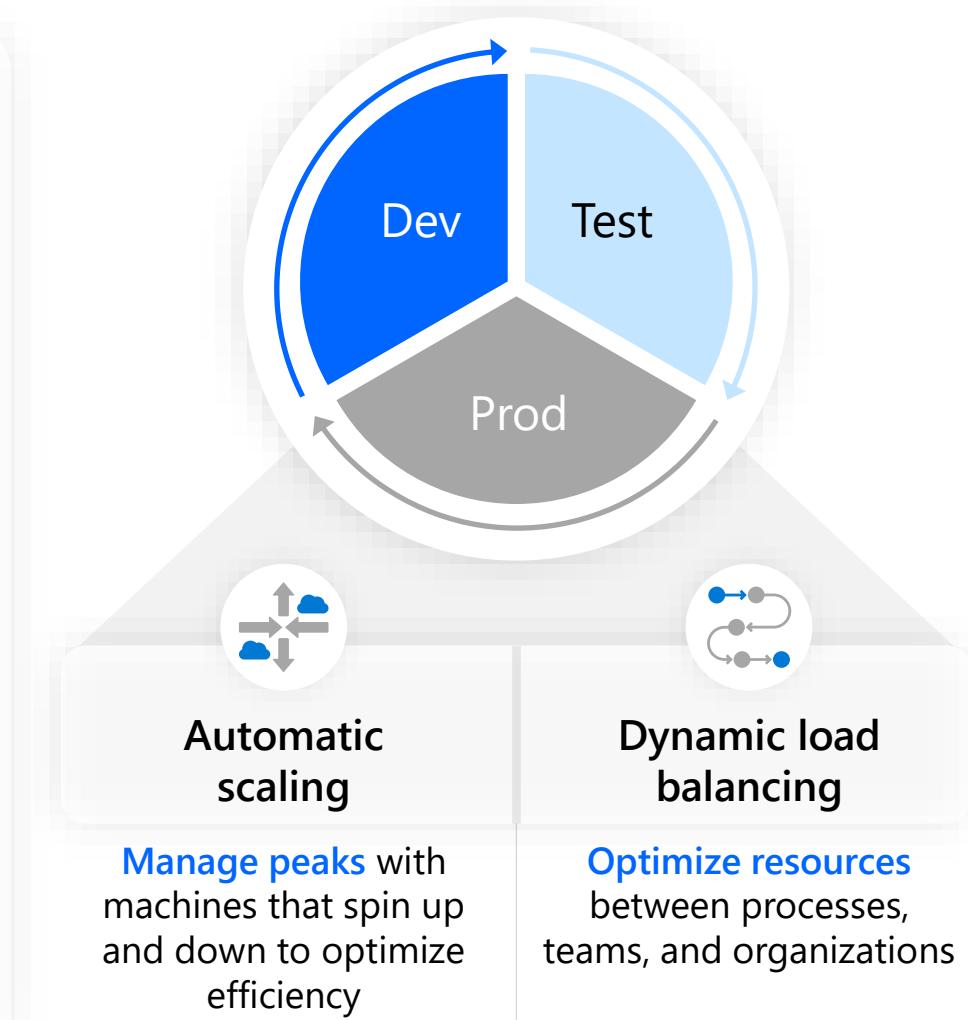
Run automation on dedicated machines



Hosted machine groups

For unattended automation in production

Optimize your resources for higher efficiency and lower cost



Hosted machine group: Unattended load-management

Increased load trends

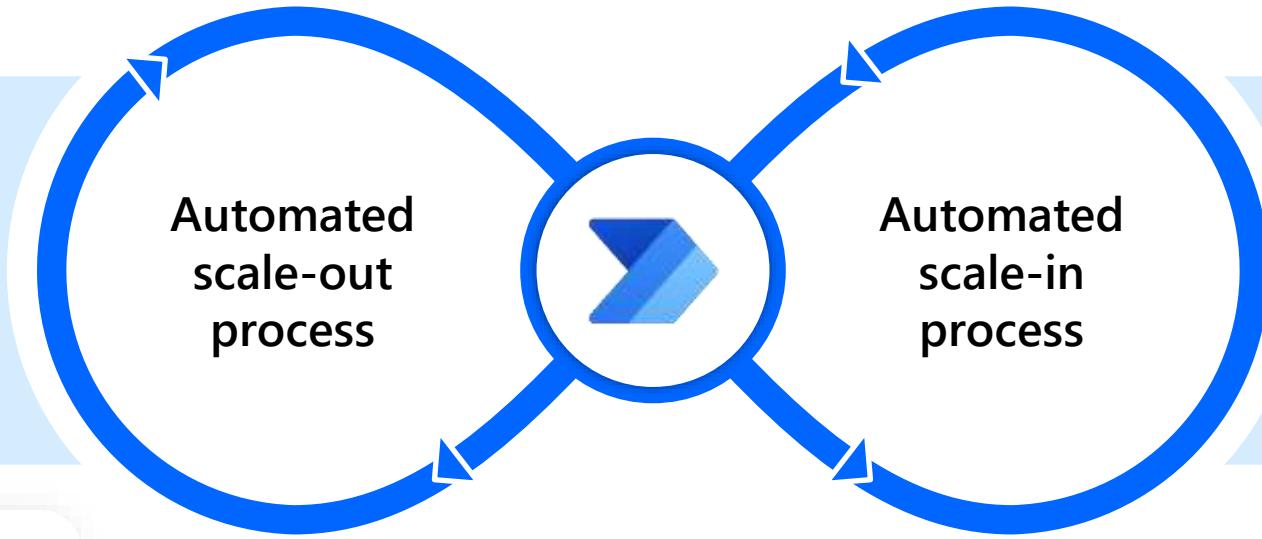


~10 mins to 1 hour

Average time to
scale-out/in



Machine utilization



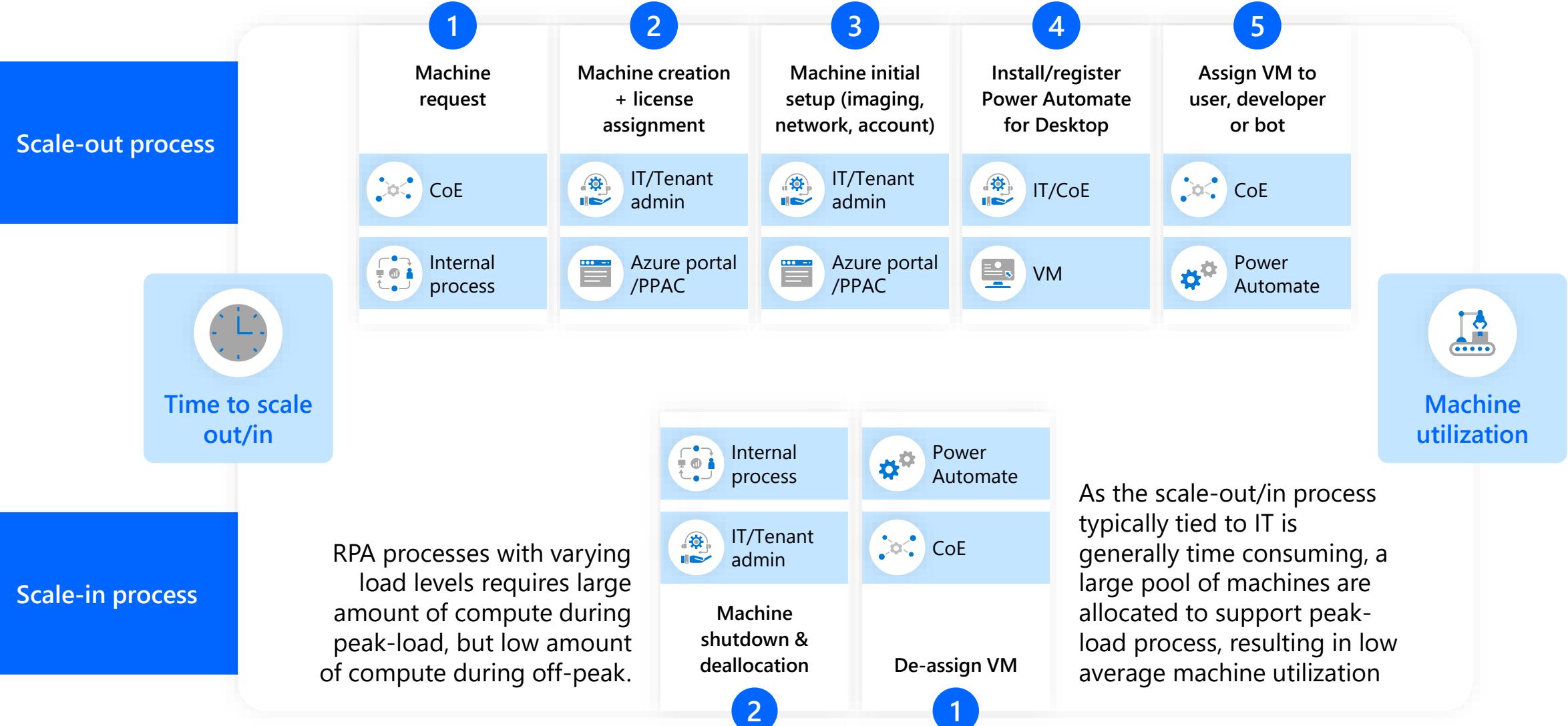
Decreased load trends



Observations

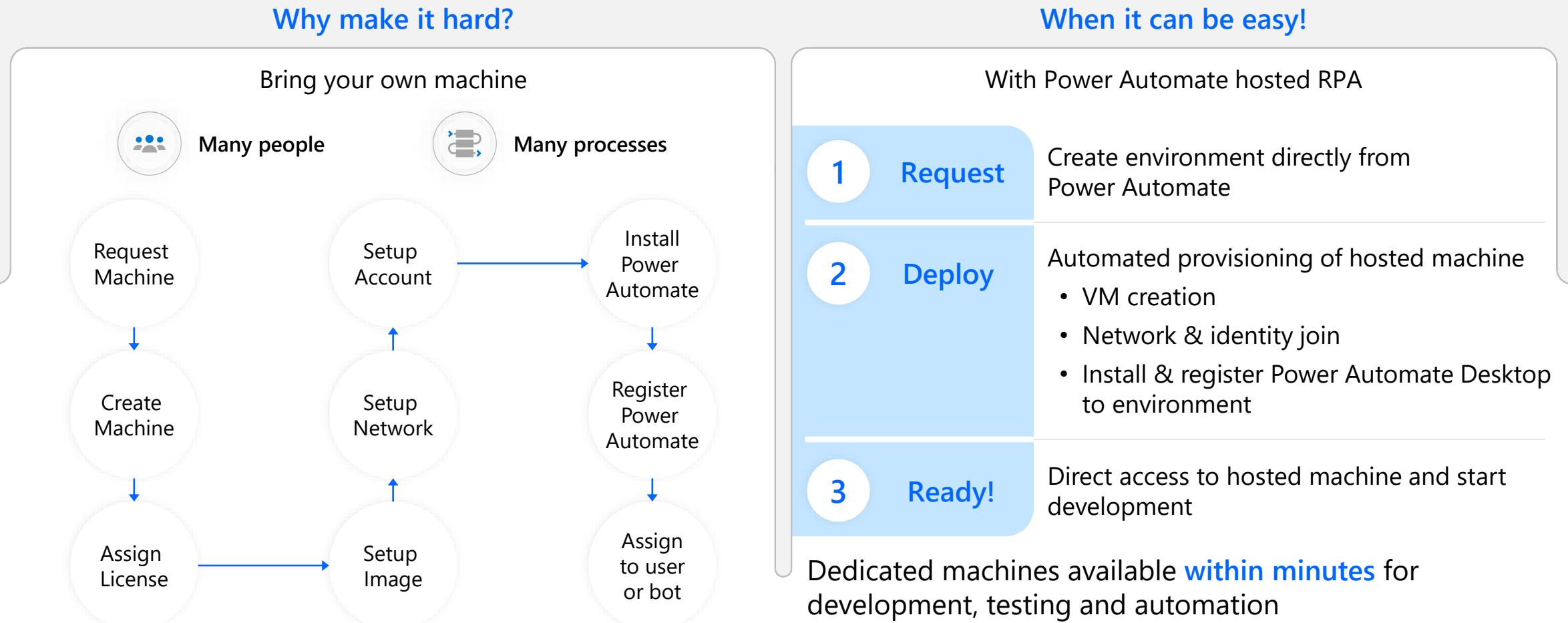
- With hosted machine group, multiple RPA processes with varying load levels in an environment are automatically scaled-out/in based on real-time load.
- The number of allocated capacity in an environment are automatically assigned across different RPA processes, ensuring available machines are efficiently utilized

Typical unattended RPA workload management



Seamless setup

Simplify and accelerate RPA machine deployment



Seamless orchestration

Monitor, manage, and optimize your RPA infrastructure

Monitor

queue and flow status

Prioritize

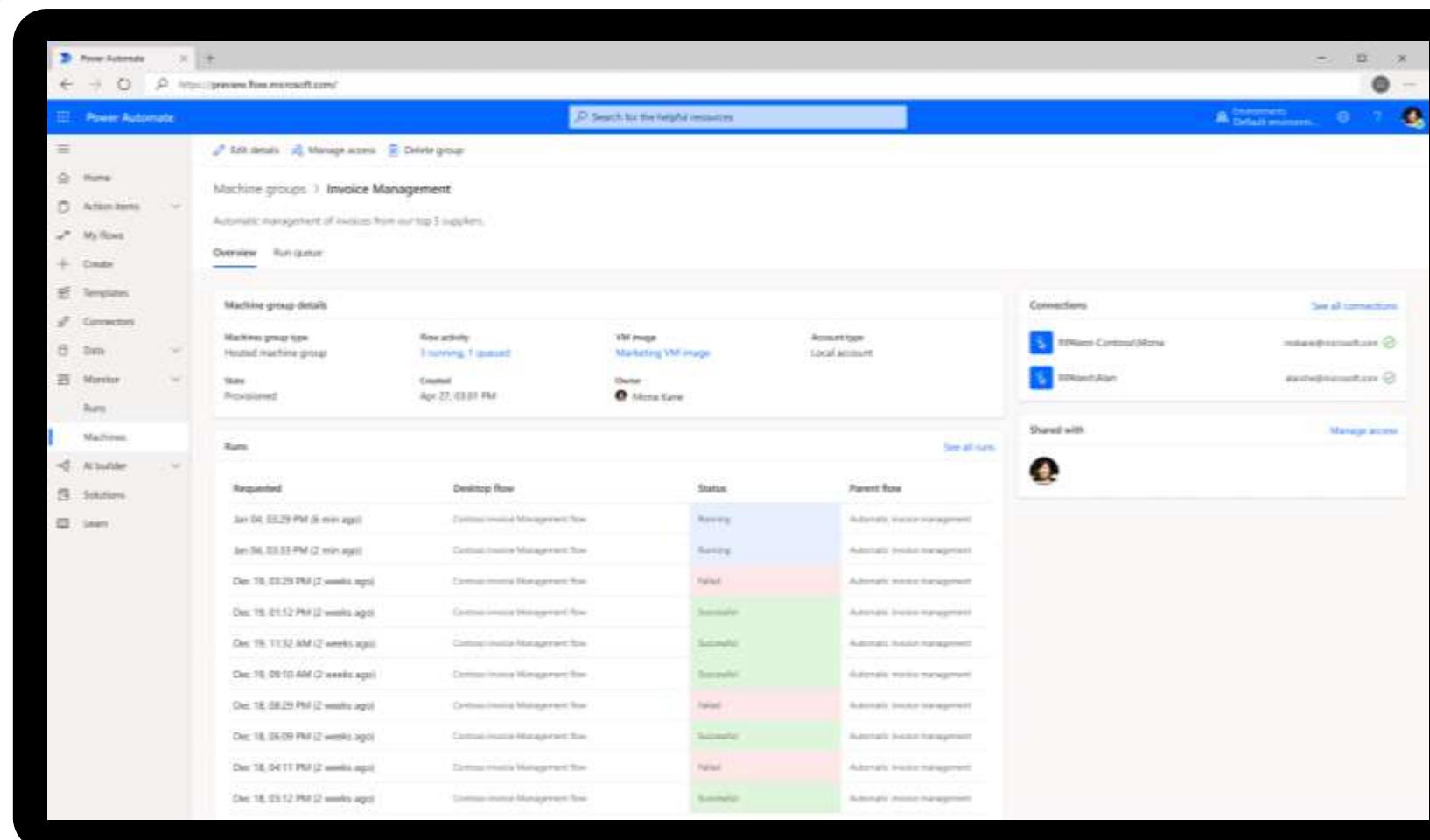
critical workloads

Add, remove, or reassign

resources as needed

Create

custom VMs for specialized applications
& configurations



Hosted machine setup

Seamless set up

The screenshot shows the 'VM image selection' step of the hosted machine setup. It displays a list of compatible VM images:

| Image name | Description | Version | Owner |
|--------------------|----------------------|---------|---------------|
| Marketing VM image | This is a VM image. | 1.0 | Mona Karr |
| Test VM image | — | 1.0 | Rita Solor |
| Dev VM image | — | 1.0 | Krist Lambert |
| Communication VM | Using this VM for... | 1.0 | Skip Bell |
| Design test VM | — | 1.0 | Mona Karr |

Two virtual machine (VM) options

Default Windows image provided by Power Automate

Bring your own custom VM image through native integration with Azure Compute Gallery

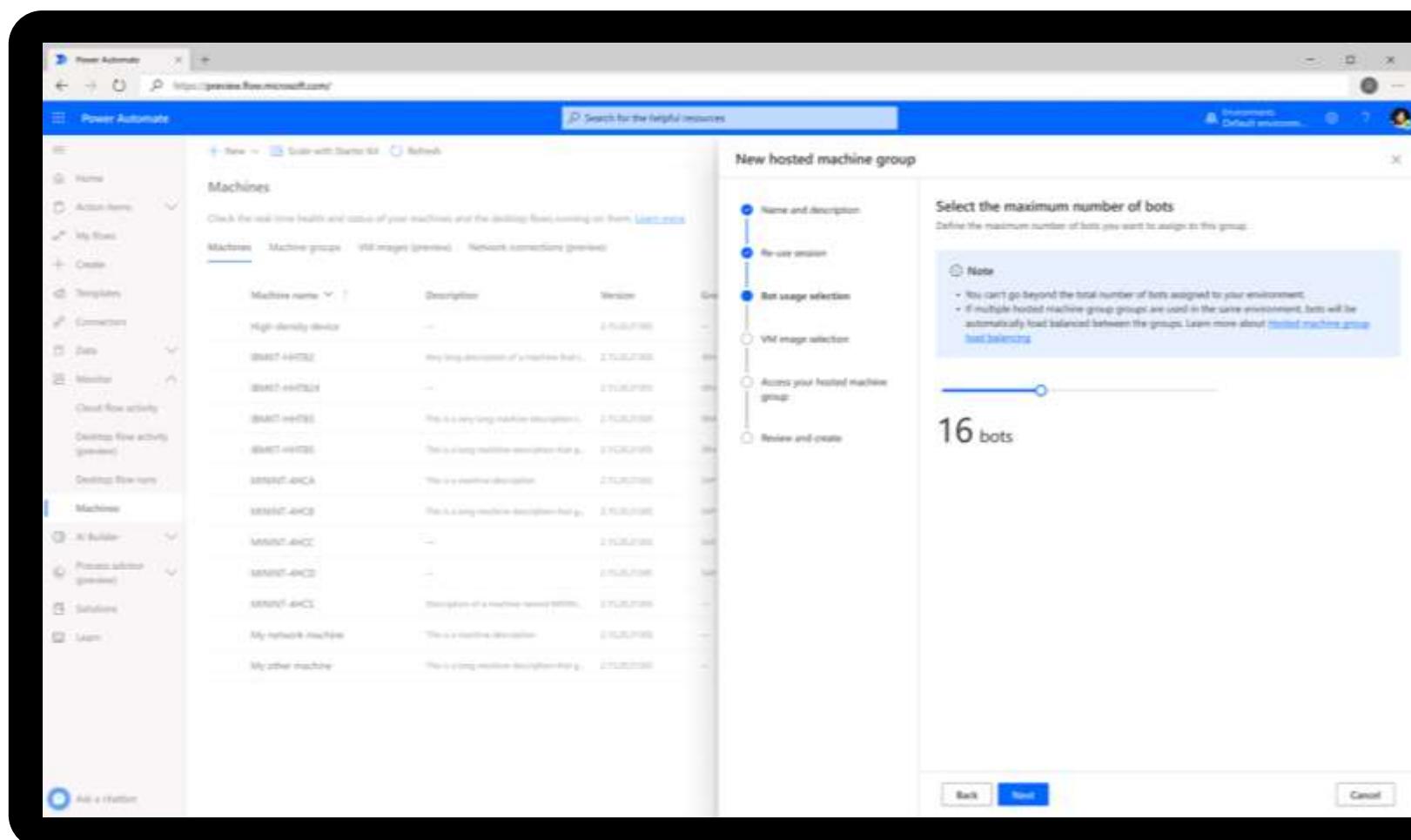
The screenshot shows the 'Virtual network selection' step of the hosted machine setup. It displays a list of virtual networks:

| Virtual network name | Description | Type | Owner |
|------------------------|---------------------|----------------|-----------|
| VNet Marketing | — | Hybrid AD Join | Mona Karr |
| Company Protected Vnet | Use this Virtual... | Azure AD Join | Eric Bell |
| Dev test Vnet | — | Hybrid AD Join | Mona Karr |

Virtual network selection (optional)

Hosted machine group setup

Respond to spikes in demand with automatic scaling and dynamic load balancing



Reporting and governance

Overview of available features



Governance overview



Out-of-box reports and analytics



Governance tools

Governance is key to an Enterprise Scale Platform

Better Together

Managed Environments for Power Platform

More Visibility

Enhanced **out-of-the-box governance capabilities** that will simplify, automate, and **streamline IT administration** of Microsoft Power Platform **at scale**.

More Control

Power Platform Admin Center

A unified portal for administrators **to manage environments and settings for Microsoft Power Platform.**

Less Effort

Center of Excellence Kit

A collection of components and tools designed to help you **get started** with developing a strategy for **adopting and supporting Microsoft Power Platform**

Reporting and analytics

Insights in a unified dashboard

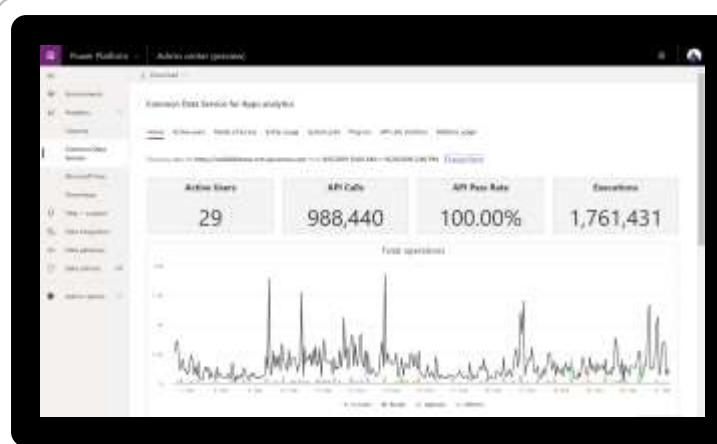


Admin insights provide deep visibility into usage and performance of applications

Users

Locations

Capacity

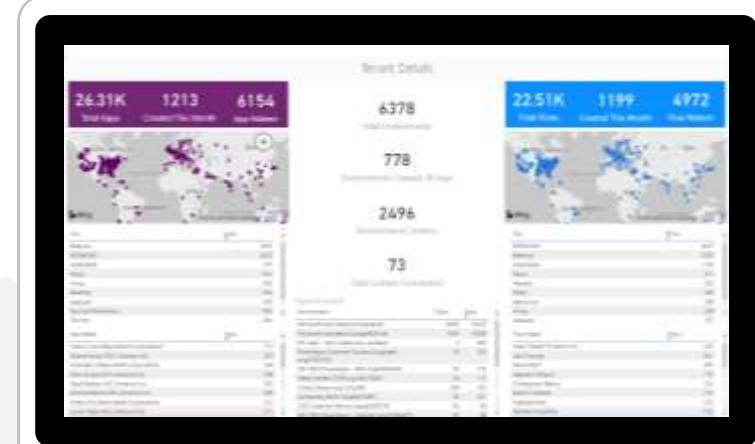


Analytics track health and implementation metrics and help keep users on track

Service performance

Error reporting

App usage



Personalize insights and drive action with custom Power BI reports and Power Automate

All up view of what's being created

Discover your champions

Trigger automated actions

Powerful Governance Tools

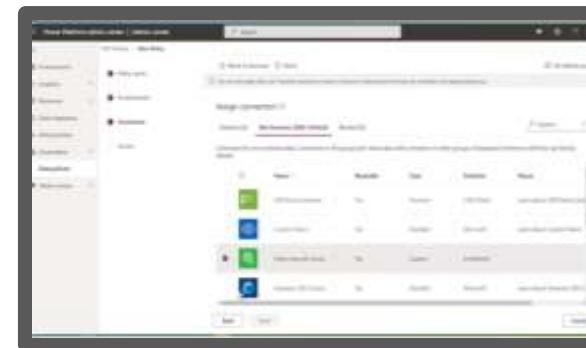
Power Platform Admin Center

The most comprehensive governance and security features [out-of-the-box](#)

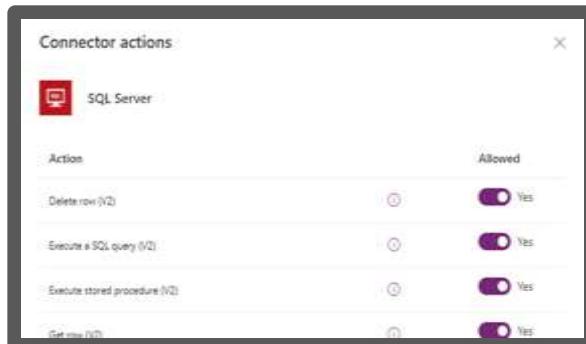
Tenant isolation



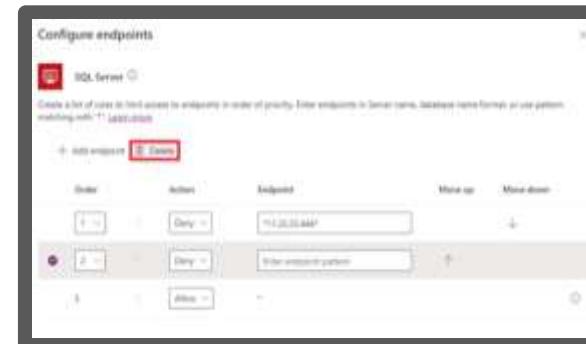
Data Policies



Control actions



Configure endpoints



Center of Excellence starter kit

The starter toolkit you need to [drive innovation](#) and [improvement faster](#)

Multiply the effectiveness of IT admins



Center of Excellence starter kit (CoE)



The CoE starter toolkit



Out-of-the-box analytics



Self-service analytics

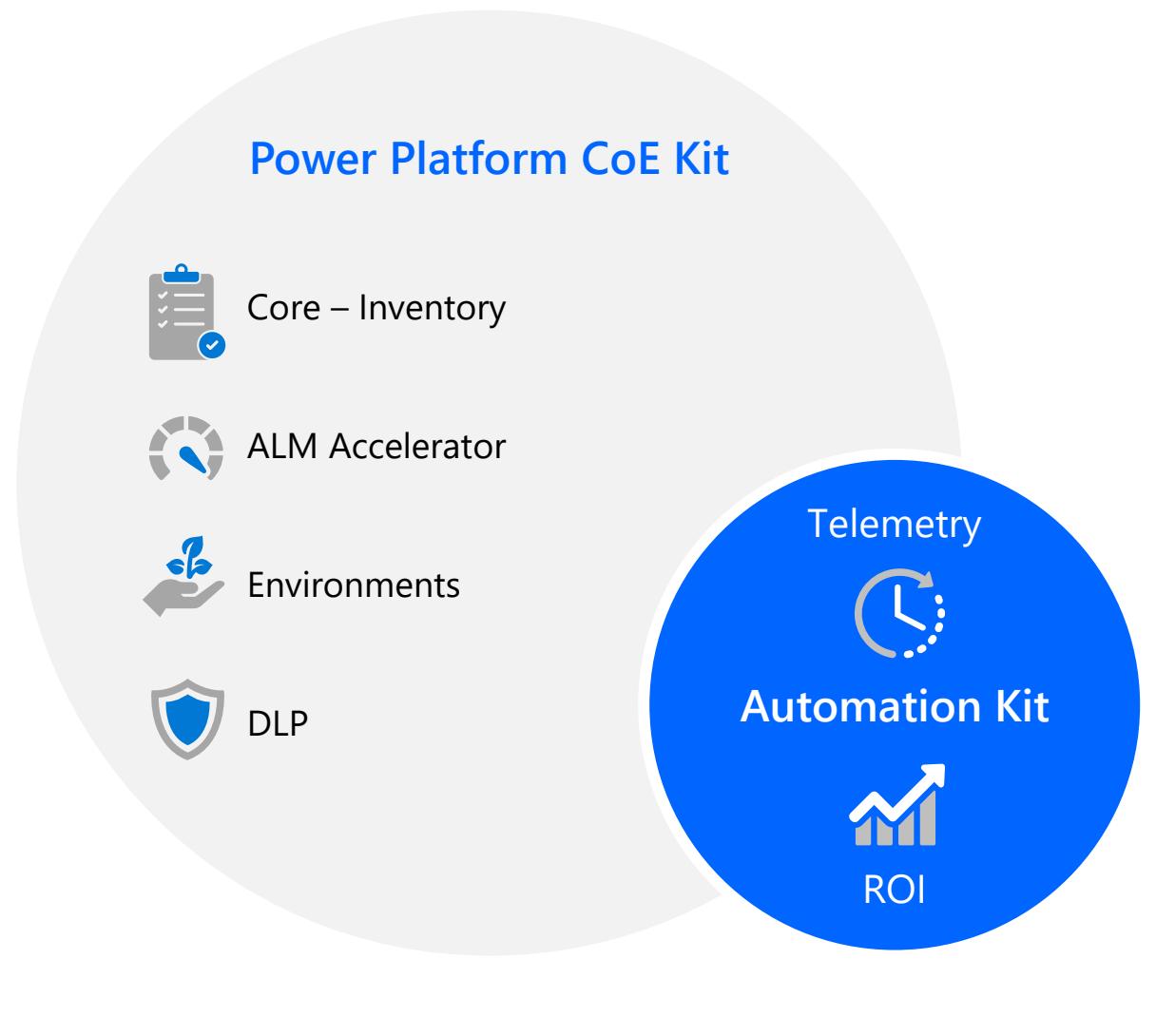


A downloadable Power BI package that is optimized to get you started

Out-of-the-box tenant level analytics for tracking inventory, usage, and health monitoring

Export data to Azure for custom analytics and performance monitoring

Power Platform CoE Kit | Automation Kit



Power Platform CoE Kit includes

- Power Platform Inventory
- Innovation Backlog
- ALM Accelerator
- Environment Request Tool
- DLP Editor
- Application catalog



Automation Kit includes

- Monitor Cloud and Desktop Flows
- Automation Project ROI and approval process
- Near real time telemetry and monitoring

Automation CoE Blueprint <https://aka.ms/autocoebueprint>

Automation CoE Strategy <https://aka.ms/autocoestrategy>

Automation Project app

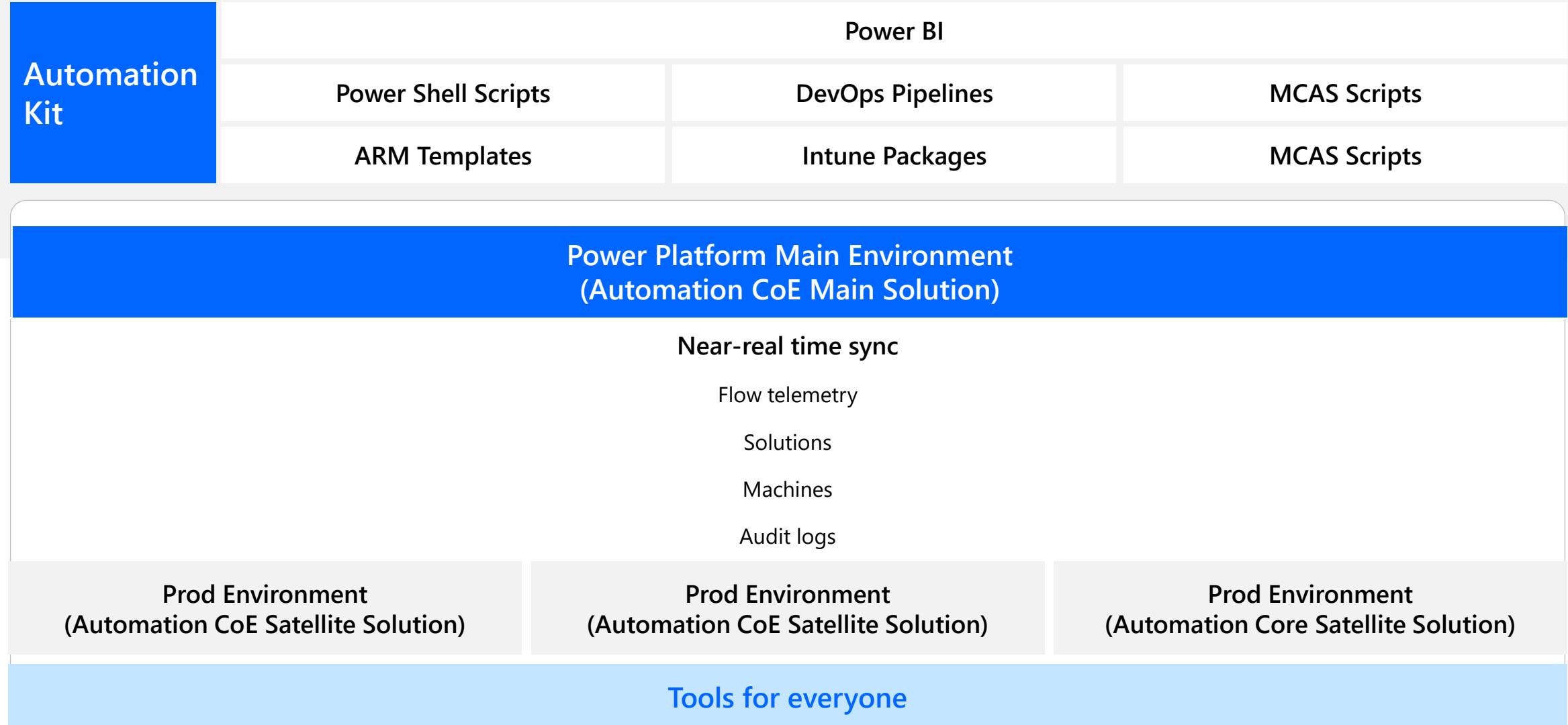


Streamline new automation project requests with approvals, and help with prioritization.

The screenshot shows a tablet displaying the "AUTOMATION PROJECT" app. The interface is a grid of project cards, each representing a different automation task. The cards are arranged in four columns and five rows. Each card includes details such as the project name, status, submitter, department, owner, and score. A summary bar on the right provides aggregate statistics for approved, declined, saved, and submitted projects.

| AUTOMATION PROJECT | | | |
|--|---|---|---|
| Approved: 20 | Declined: 0 | Saved: 1 | Submitted: 2 |
| HR Onboarding Submitted by: Miles Gibbons Department: Human Resources Owner: Mrs. Stacia Project Number: AP-000001055 Score: 10 | Operate IT User Support Submitted by: Miles Gibbons Department: Information Technology Owner: Wes Stone Project Number: AP-000001056 Score: 12 | Check materials and services Submitted by: Ashley Shilton Department: Purchasing Owner: Dash Buckley Project Number: AP-000001071 Score: 17 | Deliver Digital Products Submitted by: Ashley Shilton Department: Purchasing Owner: Dash Buckley Project Number: AP-000001063 Score: 12 |
| Vending machine replacement Submitted by: Ashley Shilton Department: Accounting Owner: Dash Buckley Project Number: AP-000001064 Score: 25 | Process Customer Credit Submitted by: Ashley Shilton Department: Finance Owner: Dash Buckley Project Number: AP-000001066 Score: 3 | Account unlock Submitted by: Preston Ronggi PAsandbox Department: Information Technology Owner: Ashley Shilton Project Number: AP-000001047 Score: 17 | Warranty Claims Submitted by: Auto Coll Admin Department: Accounting Owner: Miles Gibbons Project Number: AP-000001071 Score: 50 |
| Customer order processing Submitted by: Preston Ronggi PAsandbox Department: Purchasing Owner: Ashley Shilton Project Number: AP-000001048 Score: 10 | Process order status Submitted by: Ashley Shilton Department: Accounting Owner: Dash Buckley Project Number: AP-000001065 Score: 25 | Order materials and services Submitted by: Ashley Shilton Department: Purchasing Owner: Dash Buckley Project Number: AP-000001059 Score: 12 | SAP Vendor Invoice Verification Submitted by: Apostolis Papageorgiou Department: Finance Owner: Apostolis Papageorgiou Project Number: AP-000001001 Score: 50 |
| Cartridge replacement in vending machines Submitted by: Ashley Shilton Department: Purchasing Owner: Dash Buckley Project Number: AP-000001049 Score: 25 | Document Processing - Inspection Forms Submitted by: Ashley Shilton Department: Human Resources Owner: Dash Buckley Project Number: AP-000001070 Score: 7 | SAP Vendor Invoice Improvement Submitted by: Ashley Shilton Department: Finance Owner: Dash Buckley Project Number: AP-000001068 Score: 17 | Offboarding Tasks Submitted by: Ashley Shilton Department: Human Resources Owner: Dash Buckley Project Number: AP-000001061 Score: 37 |

Automation Kit Conceptual Design





**Extend your
automations**

Integrating with your ecosystem

Utilize existing investments through connected automation

Integrations



Power Platform

[Learn more >](#)



Microsoft 365

[Learn more >](#)



Azure

[Learn more >](#)



SAP

[Learn more >](#)

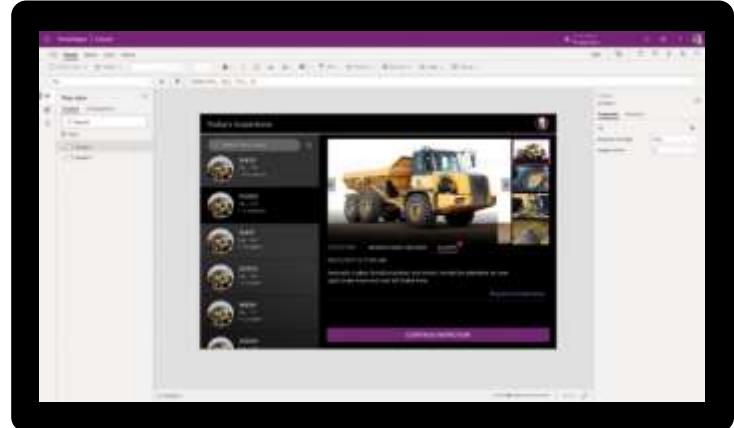


Dynamics 365

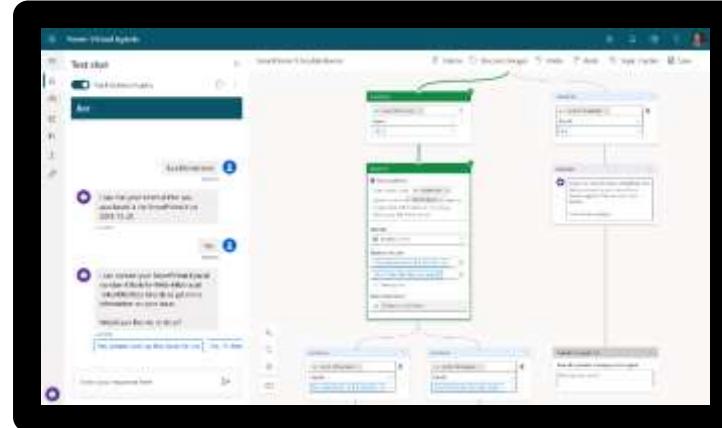
[Learn more >](#)

Bring automation to life

Embedded in your
applications like Power Apps
and Power Pages



Connect to conversation
with Power Virtual Agents



Automate alerts and insights
from Power BI



Leverage the **One Microsoft Cloud** so that automation is not an island

Automate your business applications

Dynamics 365 is the only portfolio of intelligent business applications that combines immediate impact with the flexibility to rapidly extend without limits

Customer Engagement

Sales



Marketing



Customer Service



Field Service



Commerce



Human Resources



Business Central



Finance



Supply Chain Management



Product Visualize



Customer Insights



Customer Voice



Remote Assist



Connected Store



Fraud Protection



Project Operations



Guides



IOM



Connected Operations



Power Automate



Dataverse - data storage and management engine serving as a foundation for Microsoft's Power Platform and Dynamics 365 apps

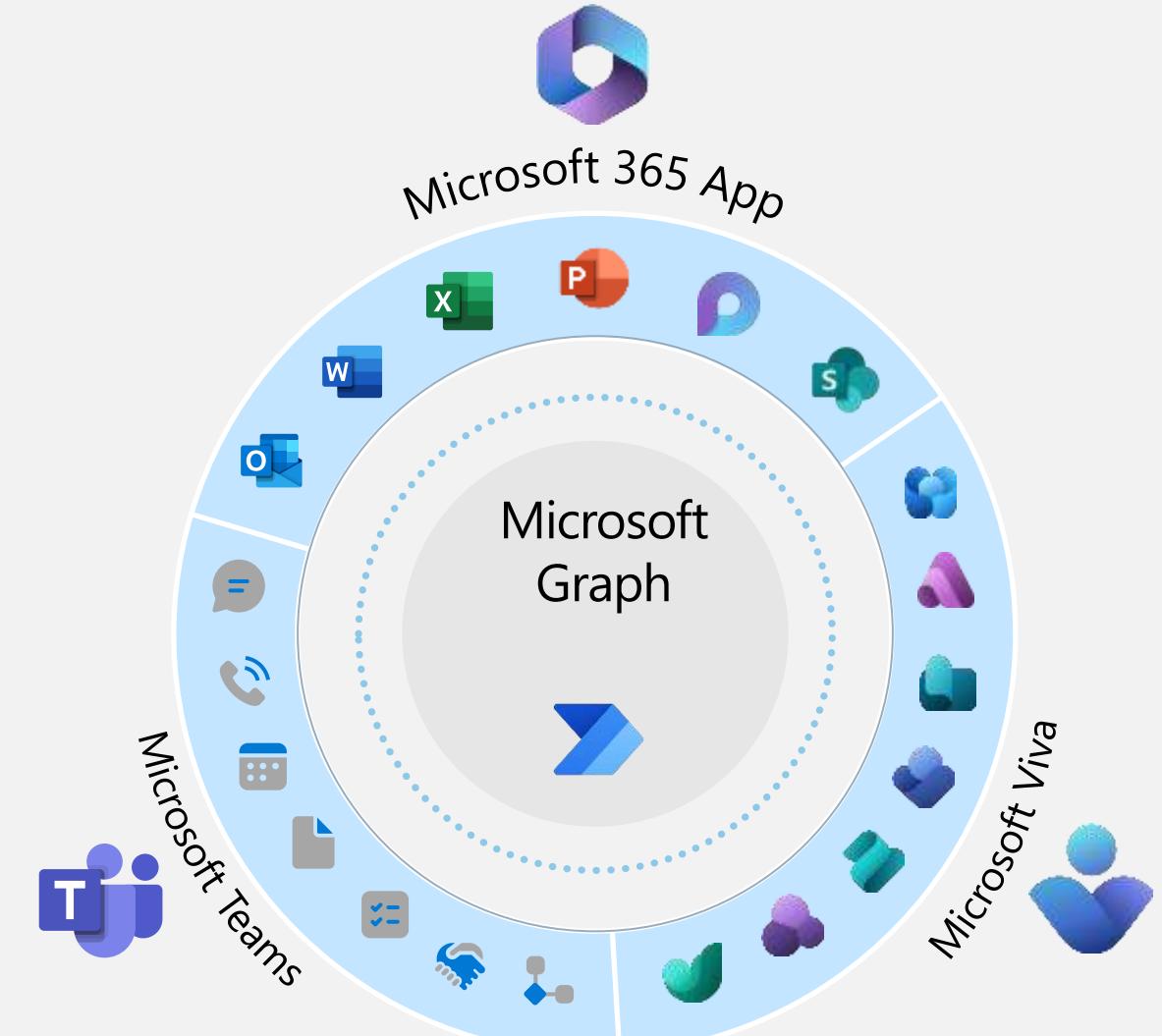
Automate your place of work

Utilize the Microsoft Graph rest APIs with Power Automate to unlock endless productivity gains.

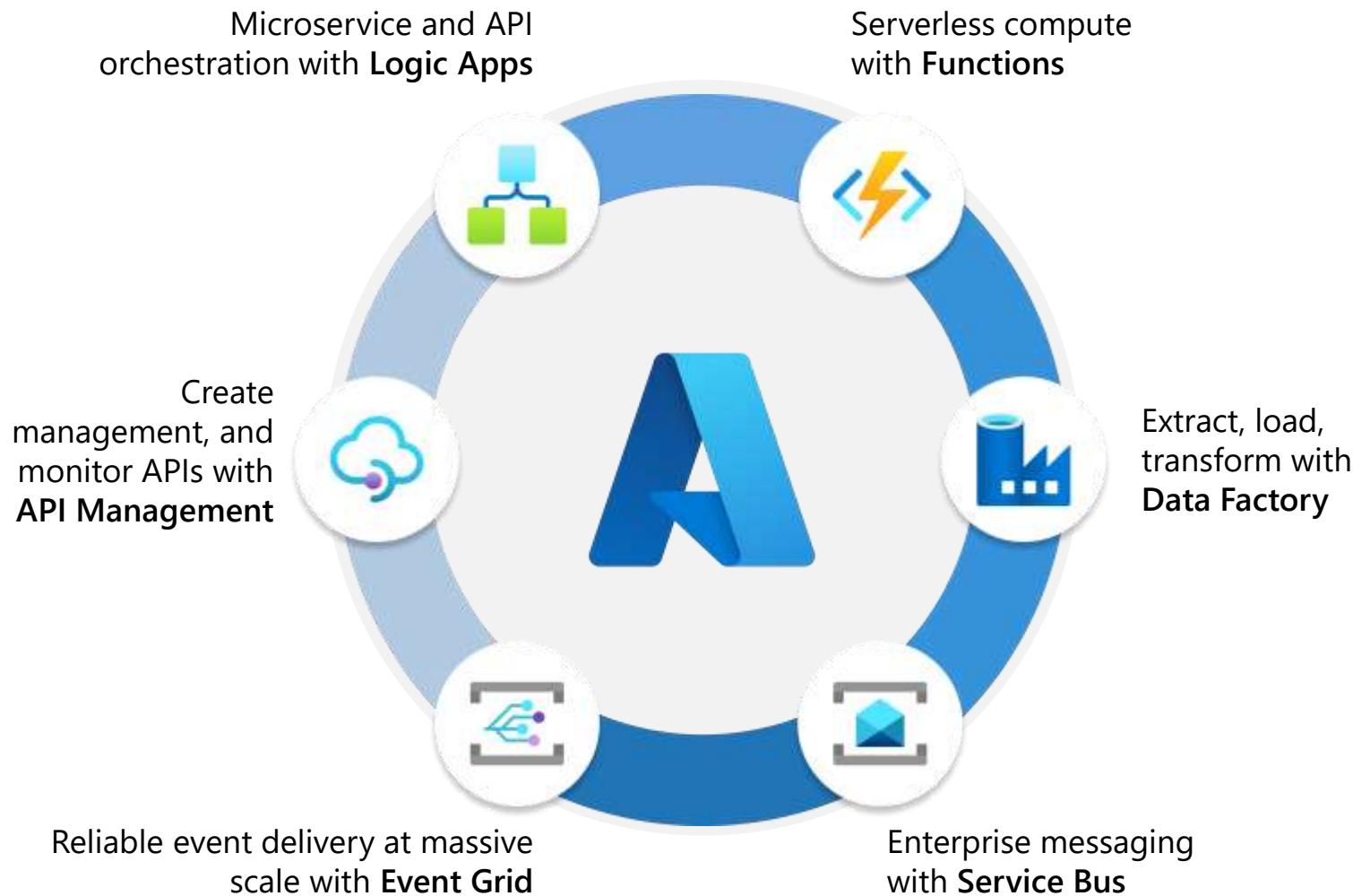
Microsoft 365 core services: Bookings, Calendar, Delve, Excel, Microsoft 365 compliance eDiscovery, Microsoft Search, OneDrive, OneNote, Outlook/Exchange, People (Outlook contacts), Planner, SharePoint, Teams, To Do, Viva Insights

Enterprise Mobility + Security services: Advanced Threat Analytics, Advanced Threat Protection, Azure Active Directory, Identity Manager, and Intune

Windows services: Activities, devices, notifications, Universal Print



Connecting Azure Services



Call Azure Logic Apps and other Azure Services through Power Automate.

Between Power Automate, Logic Apps, and Functions, the integration experience between these services continues to improve over time.

Build a component in one service and use that component in the other services.

Augmenting and extending your SAP solution landscape



Prototype new solutions and co-build custom user experiences to act more effectively on SAP data



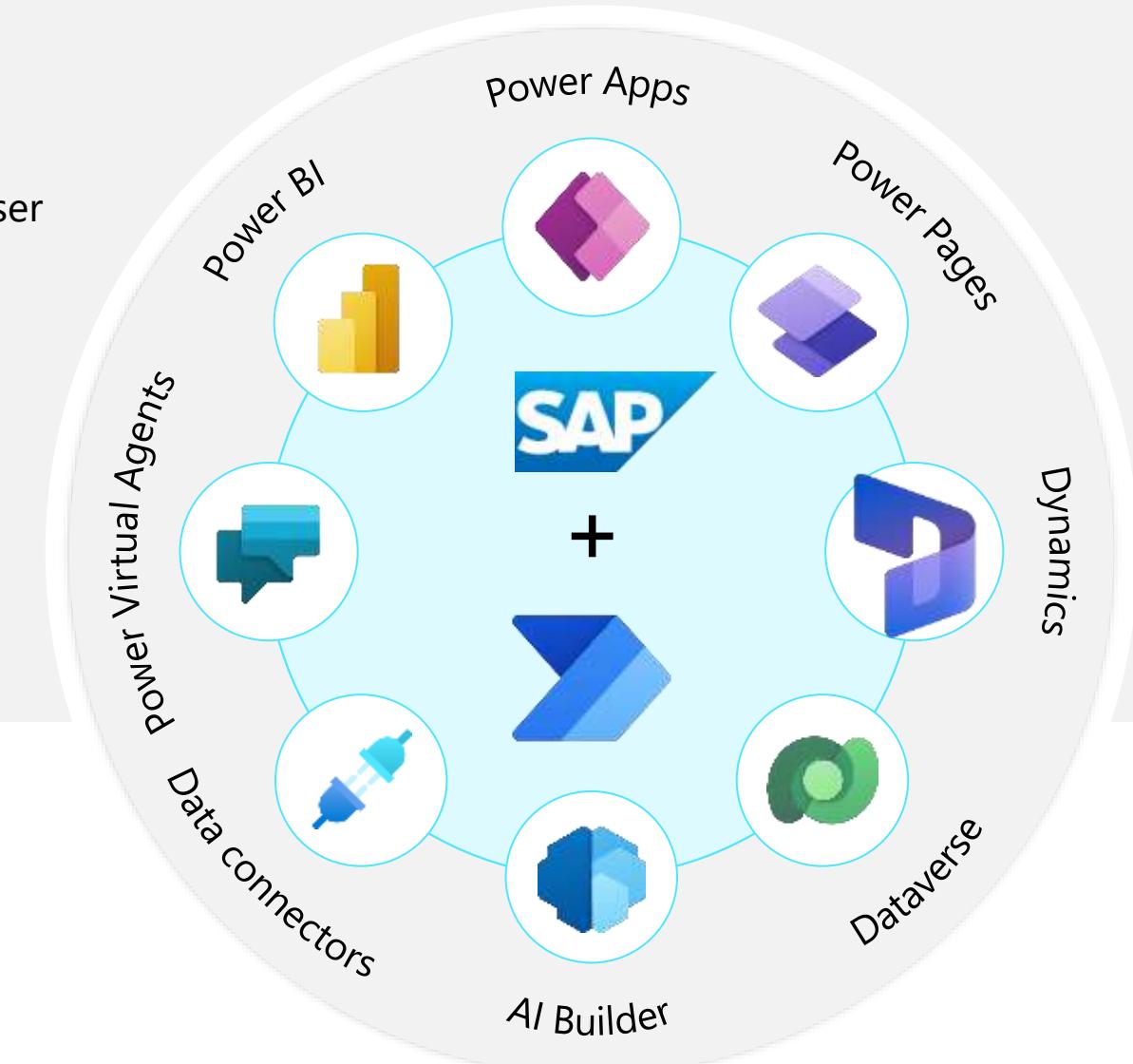
Augment SAP solution and close any gaps for continuous process automation or app usage



Extend SAP solution and connect with 1000+ systems to innovate workforce productivity

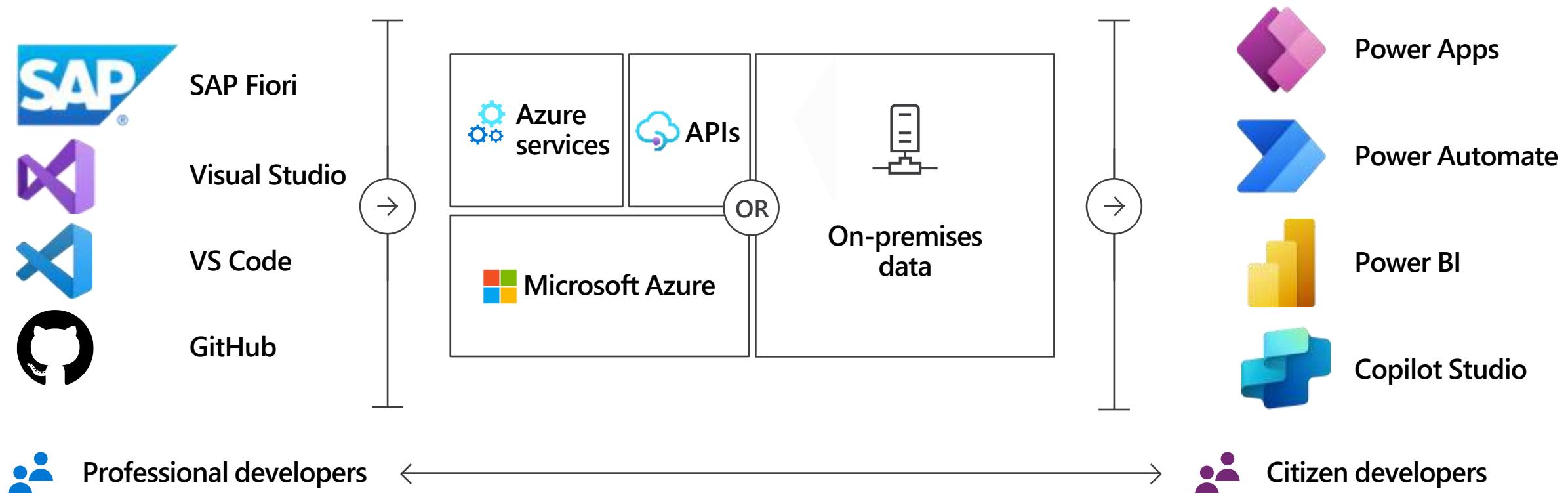
How?

- Prebuilt SAP connector
- Advanced SAP system connection support
- Updated on-premises data gateway



Empower everyone to be a developer

Low-code and pro-dev application development extensibility with SAP + Power Platform



Deeper SAP integration out of the box

1

25 prebuilt Power Apps (and growing)
including Order to Cash, Procure to Pay, Record to
Report, and Make to Stock/Make to Order (MRP)

2

Prebuilt Power Automate Flows for
common SAP Processes

3

New SAP Connector and Action

The screenshot displays two main components of Microsoft Power Apps:

- Top Window (Purchase Order Form):** A Microsoft Dynamics 365 form for a Purchase Order. It shows fields like Vendor Name (VANDELAY INDUSTRIES), Order Type (NB), Purch. Org. (HJH), Header Text, and a detailed items section. The items section lists three items: OFFICE SUPPLIES (Material 0001) at \$150.00 each, and two additional items at \$100.00 each.
- Bottom Window (Power Automate Flow):** A flow titled "ApprovePurchaseOrder". It starts with a "PowerApps" trigger, followed by an "Order" action, and ends with a "BAPI PO RELEASE (Preview)" action. The "BAPI PO RELEASE" action has several parameters set: SAP system (SAP Development), RFC name (BAPI_PO_RELEASE), RFC Group/Client (*ALL/FC group), Session ID (01), PURCHASEORDER (Order X), NO_COMMIT (Cancel With No Data), USE_EXCEPTIONS (Set recipients and issue error messages), and RETURN (Return Messages). A note states: "The optional session ID is a string for standard RFC. If no session ID is given, the current session is used."

Common use cases with SAP and Power Platform

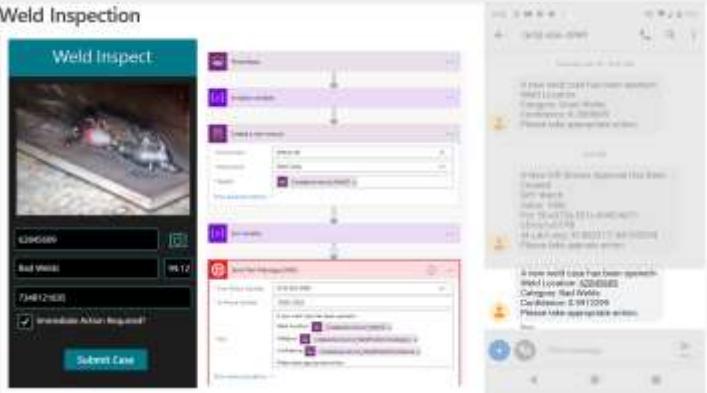
Inspections



Scenario

- Inspections often use paper with manual SAP data entry.
- High error rate with incorrect or incomplete information.

Weld Inspection



Technology Elements



- Power App using camera, GPS, handwriting to record.
- Flow creates Notification, triggers Work Order in SAP.

Business Benefits

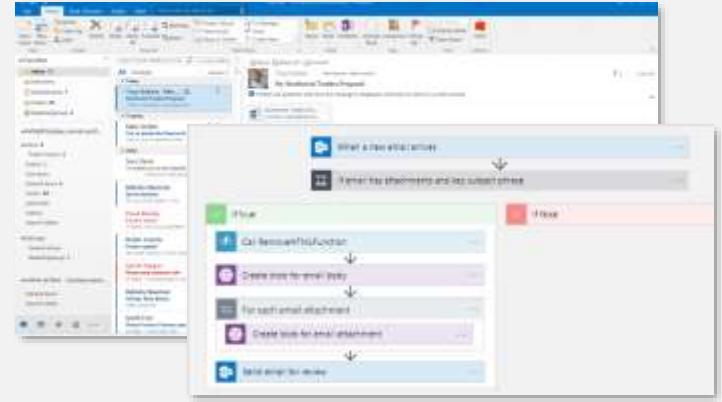
- Faster, richer, simpler digital inspection process.
- Faster response times. Reduction in error rates.

Email processing



Scenario

- Shared mailbox receives documents in various formats.
- Relies on human action to read and type data into SAP.



Technology Elements



- Flow monitors mailboxes, using AI to trigger process.
- Flow posts Sales Order, triggers SAP Order to Cash.

Business Benefits

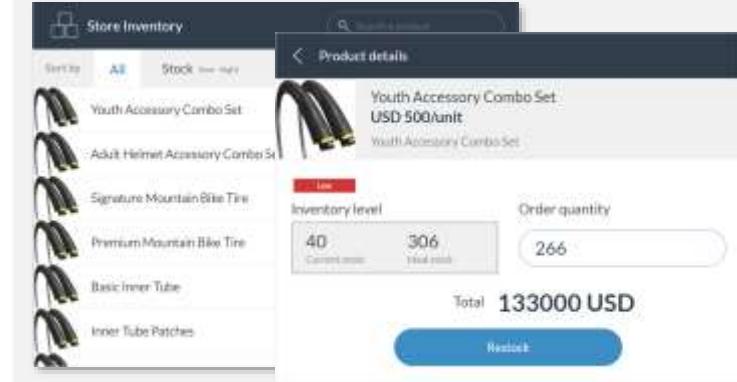
- Faster order processing, fewer errors.
- Better order tracking – problems identified & fixed faster.

Inventory checks



Scenario

- Employees need quick access to stock levels from SAP.
- Often done via Excel & email - poor user experience.



Technology Elements

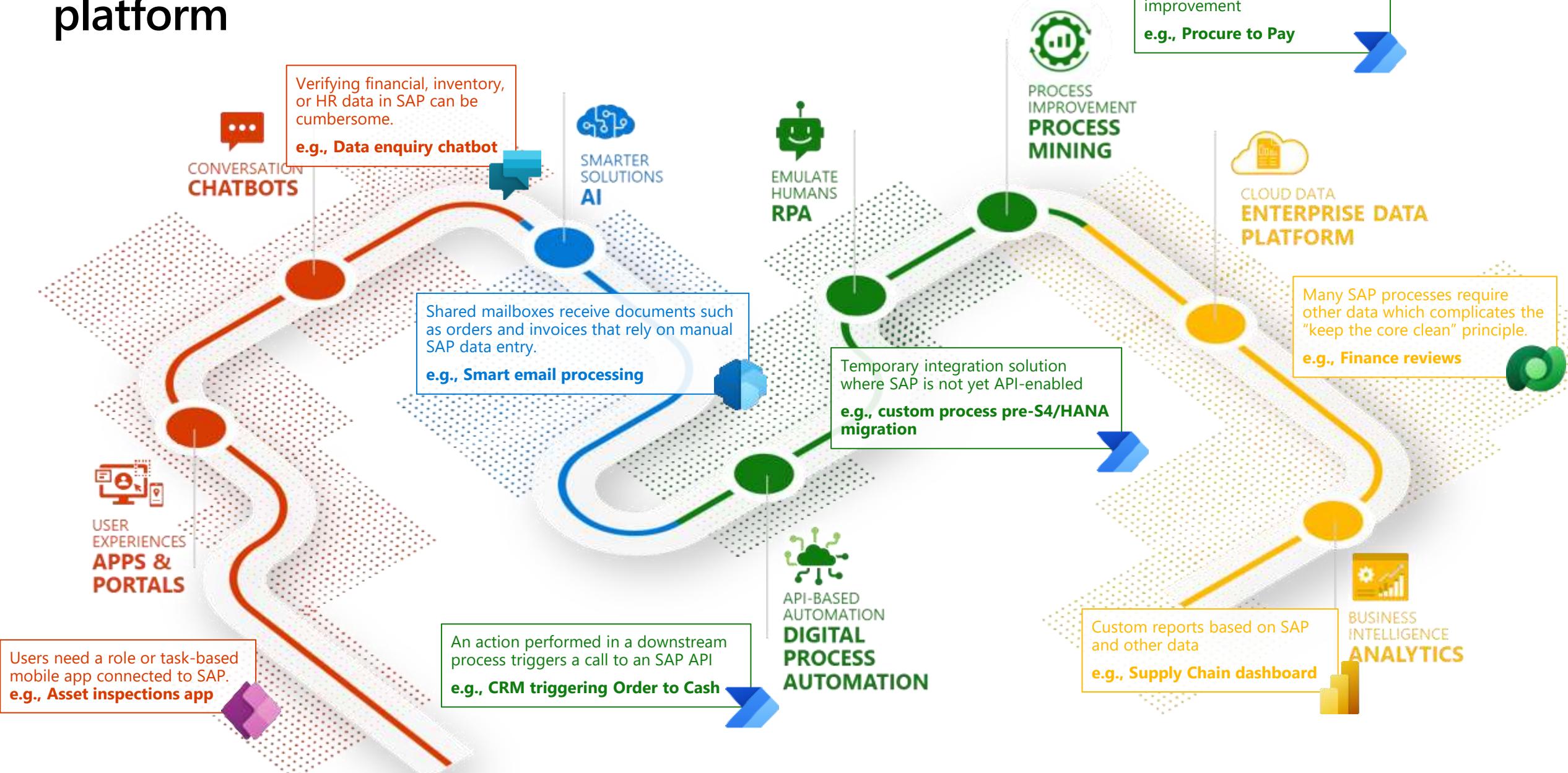


- Chatbot queries SAP inventory using natural language
- Delivered in Teams - user doesn't have to switch apps.

Business Benefits

- Real-time Inventory aids timely restocking process.
- Simple review & update of inventory to reduce errors.

SAP Agility & Hyperautomation through a single platform



Patterns Power Platform Integration

API Based



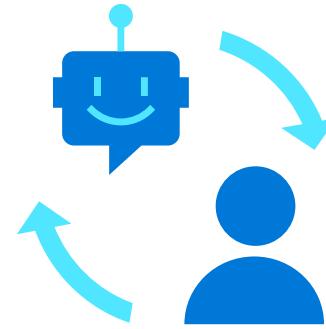
1000+ of connectors

Custom Connector

- direct
- through API

Management or other
middleware

RPA Based



Attended

Unattended

Hybrid with API based
cloud flows

Batch and Data Synchronization



Dataverse



Azure Data
Lake

New data in dataverse

Virtual Tables

Combine data from
different sources in Azure
Data Lakes

Next steps

A large white and blue supply vessel, the 'PACIFIC SHARAV', is shown sailing on dark blue ocean waves under a clear sky. The ship's superstructure is visible, featuring various levels of walkways, ladders, and equipment. A tall metal lattice mast stands prominently on the deck.

~~"Como criamos um aplicativo mais rápido?"~~

**“Como transformar 1.000
processos por ano?”**

Make it Real!

“Como transformar 1.000 processos por ano?”



1

Cultura

Patrocínio executivo de cima para baixo em TI e LOB. [Mudança de cultura](#) para convidar e conectar LOB com TI e Pro Devs para participar da criação de soluções

2

Fundação de TI

Liderança de TI [no centro de excelência](#) e orientação para governança, segurança, orçamento e adoção para ambientes centralizados ou distribuídos

3

Pro Developers

Desenvolvedores profissionais [reformulando fluxos](#) de trabalho para dimensionar e interagir com operadores de informações de LOB em soluções novas e existentes

4

LOB

Departamentos identificando "[usuários avançados](#)" para adoção e representação antecipadas e identificando recursos e orçamentos administrativos

5

Formação

Capacitação e capacitação via [hackathons](#) e programas de certificação para adotantes da Power Platform na organização

6

Nurture

Cadências de [qualificação](#) e celebração de soluções ao adotar novas inovações da Power Platform

Executive Sponsor ● Governance Lead ● Adoption Lead ● Community and Skilling Lead ● Power Platform Admin ● Pro Devs ● Architect ● Security

Suporte e recursos externos da Microsoft, parceiros ou consultores profissionais

Basic capabilities

1

Aplicativos e automações em pequena escala

2

Automação pessoal ou somente em equipe

3

Conectividade selecionada pronta para uso

4

Sharepoint, Excel ou Dataverse para equipes

5

Opções limitadas para compartilhar e reutilizar soluções já criadas



Resolva problemas apenas para equipes ou indivíduos

Ganhos de eficiência limitados a indivíduos, equipes ou pequenos departamentos.

A necessidade de troca de solução, entrada de dados repetida e risco de dados ruins

Permite estruturas de dados simples e gerenciamento de acesso limitado a dados.

Construção repetida de aplicativos e automações semelhantes, perda de eficiência.

Premium investment

1

Aplicativos e soluções podem se estender por toda a organização



Dimensionamento rápido e fácil, ganhos de eficiência e melhorias de desempenho

2

Automações entre sistemas e departamentos



Resolução acelerada de problemas, trabalho mais rápido e menor necessidade de repasses manuais.

3

Conecte tudo



Dados conectados significam resolução rápida de tarefas e menos esforço na manutenção de dados.

4

Dataverse



Gerencie dados e aplicativos para obter insights, impulsionar o negócio e reduzir custos.

5

Compartilhamento e dimensionamento fáceis e gerenciáveis



As pessoas que precisam dos aplicativos e dados podem ser concedidas facilmente sem medos.

Impacto do Power Platform premium



Revenue

4-5x growth

Companies with developer velocity in top quartile experience

McKinsey & Company

[McKinsey & Company - Developer Velocity: How software excellence fuels business performance](#)



Efficiency

23%

Increase in developer efficiency

Forrester

Total Economic Impact of Power Platform Premium Capabilities



Costs

45%

Development cost reduction

63%

Lower costs to develop a large-scale solution using premium connectors and Dataverse

Forrester

Total Economic Impact of Power Platform Premium Capabilities



Agility

63%

Improved agility to changes

Forrester

Total Economic Impact of Power Platform Premium Capabilities



Security

91%

better security and visibility around data connections

Forrester

Total Economic Impact of Power Platform Premium Capabilities

24%

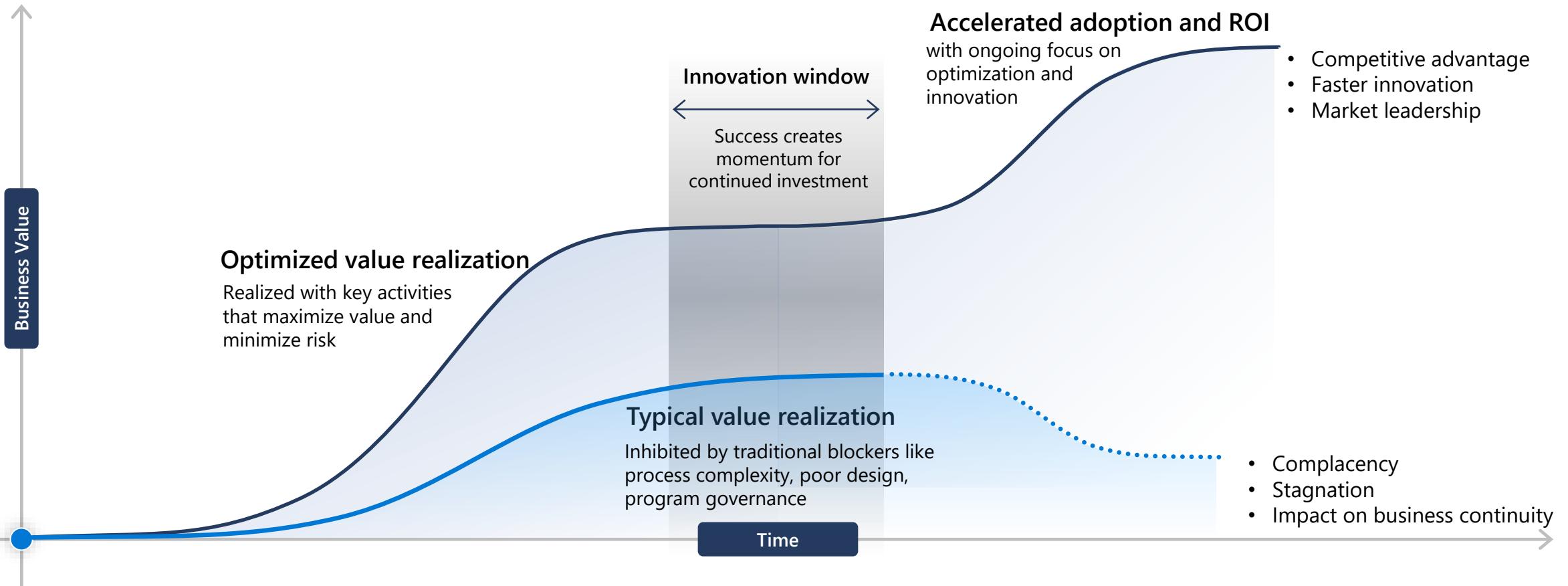
Cost reduction using Power Platform and Azure due increased DevOps efficiency a reducing spending third-party solution

Microsoft

[Microsoft Power Platform and Azure for Corporate IT TEI](#)

Maximize seus investimentos com o Microsoft Unified

Acelere seu tempo de implantação com serviços liderados por especialistas, desde o planejamento até a implantação e muito mais



Conte com especialistas para construir seus aplicativos

Com acesso direto aos especialistas da Microsoft, você pode criar aplicativos personalizados usando o Power Platform para resolver desafios de negócios e automatizar processos de negócios

O que você quer alcançar...

- Estabeleça um modelo de governança e padrões e prepare-se para a IA
- Implantação bem-sucedida da plataforma de energia em toda a empresa
- Validação de processos de projeto e desenvolvimento de arquitetura de soluções

Como entregamos...

- Assistência na criação de um Centro de Excelência (COE) para governar a criação de aplicativos e acelerar a adoção em toda a organização
- Orientação prescritiva de especialistas para acelerar a implantação com workshops de Maker e Developer para melhorar as habilidades da equipe
- Revisões técnicas e funcionais para validar planos e abordar problemas e riscos

Saiba Mais

Visite aka.ms/Enhanced-Solutions para agendarmos uma sessão com objetivo de determinar como nossas **Soluções Aprimoradas** podem ajudá-lo a alcançar os resultados desejados

Continue sua jornada de **conhecimento**

Demonstrações técnicas de Power Platform

Eventos no **Microsoft Teams** conduzidos pelos especialistas em Power Platform da Microsoft Brasil. Para participar procure seu **gestor(a) de conta** (AE) ou **especialista** (SSP).



Desenvolvimento de aplicativos

Tópicos

- Canvas Apps
- Microsoft Dataverse
- Model Driven Apps
- Power Pages

Duração

03 horas

[Saiba mais](#)

Governança e ALM

Tópicos

- Governança
- Segurança
- Monitoramento
- Centro de Excelência (CoE)
- ALM/DevOps

Duração

03 horas

[Saiba mais](#)

Hiper automação

Tópicos

- Process e Task Mining
- Cloud flows (DPA)
- Desktop flows (RPA)
- Gerenciamento e monitoramento
- Hosted machines (VMs SaaS)
- Automações e integrações

Duração

03 horas

[Saiba mais](#)

Criando copilots com Copilot Studio

Tópicos

- Ecosistema Microsoft de copilots
- Visão geral do Copilot Studio
- Recursos baseados em IA generativa
- Automações e integrações

Duração

03 horas

[Saiba mais](#)

Continue sua jornada de **conhecimento**

Power Platform Connect

Site mantido pelos especialistas em **Power Platform** da **Microsoft Brasil**. Nele você encontrará:



Biblioteca de conteúdo

Coleção de links oficiais das soluções que compõem a Power Platform



Eventos online

Eventos online promovidos pela Microsoft ou seus parceiros.

<https://microsoft.github.io/powerplatformconnect>

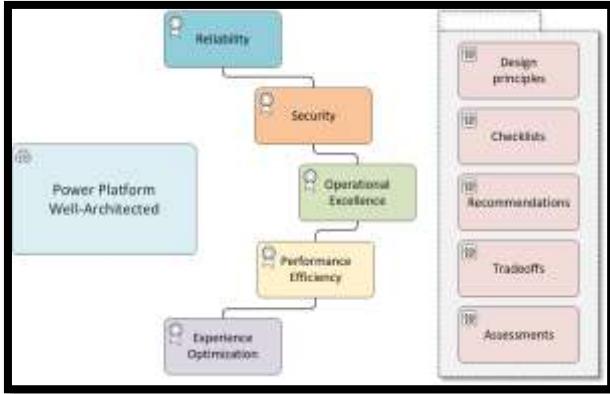
Microsoft Power Platform Adoption

Saiba como o low code pode **acelerar** sua transformação digital e como adotar de forma **segura** e **eficiente** a Power Platform em toda a sua organização.

A screenshot of the Microsoft Power Platform Adoption website. The page has a purple header with the title "Microsoft Power Platform Adoption". Below the header, there's a section with three main cards: "Adoption workbook" (with a download button), "Adoption best practices" (with a link to learn more), and "Adoption maturity model" (with a link to learn about the model). On the right side, there are images of a smartphone, a laptop, and a desktop screen displaying Power Platform interfaces.

<https://adoption.microsoft.com/en-us/powerplatform/>

Continue sua jornada de **conhecimento**



Power Platform Well-Architected

Ajuda você a projetar aplicativos modernos para atender aos requisitos atuais e se adaptar às necessidades e desafios futuros

[Conheça](#)



Projetar automações em nível empresarial

Orientação detalhada e estratégia sobre como criar fluxos de forma eficiente e fácil

[Conheça](#)



Boas práticas para adoção de automação

Orientação sobre como estabelecer e dimensionar um Centro de Excelência em Automação em sua organização

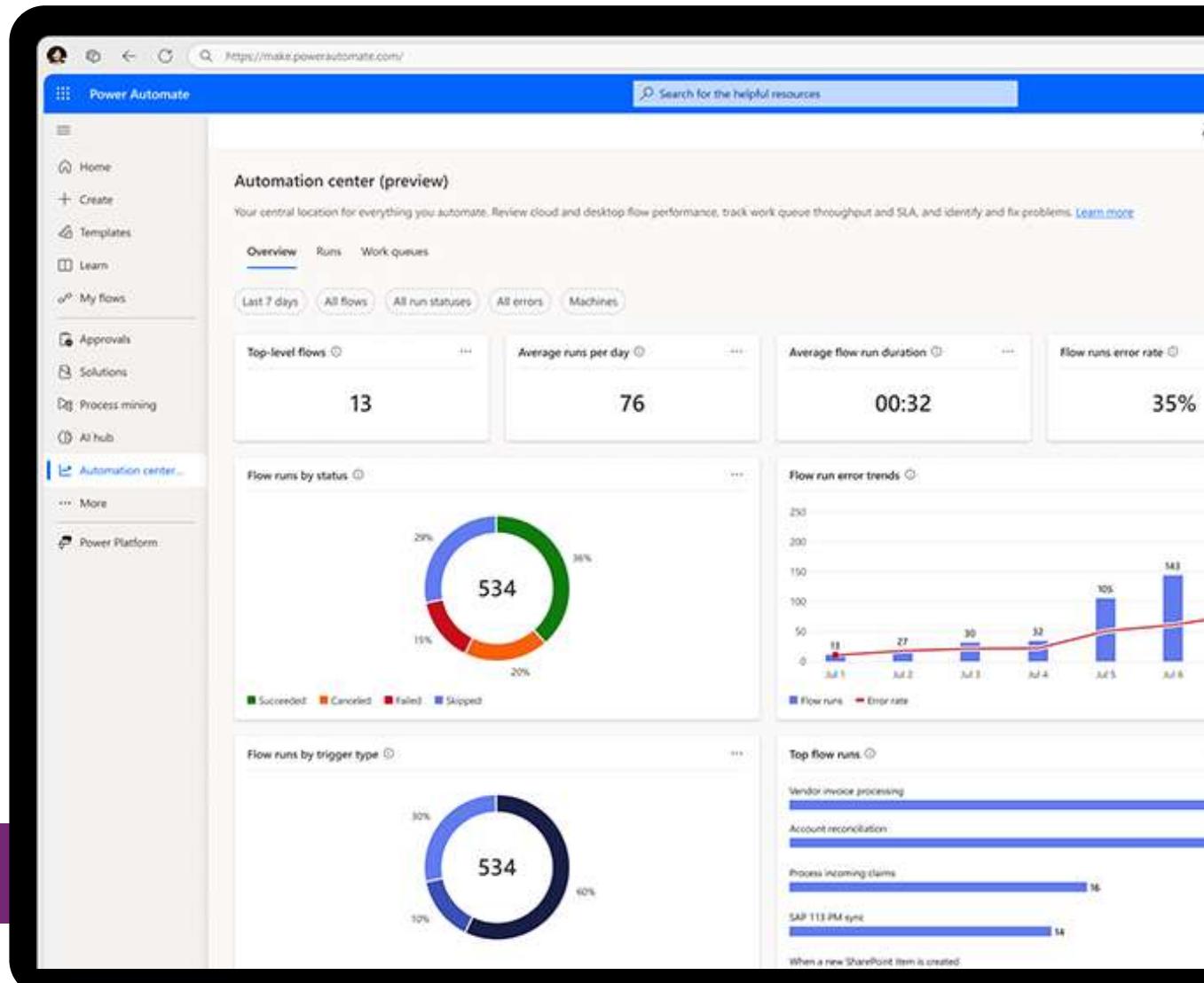
[Conheça](#)

Microsoft Build 2024

Conheça as novas funcionalidades **do Power Automate** anunciadas no evento.

Destaques:

- **Gravação de IA multimodal** que torna a automação RPA mais natural, acessível e resiliente.
- Crie fluxos clouds mais inteligentes, flexíveis e dinâmicos com **fluxos de IA**.
- Monitoramento abrangente de automação com o **Centro de Automação**.



[Power Automate blog](#)

Microsoft Power Platform Community Conference 2024



Las Vegas, Nevada

Conference: September 18-20

Workshops: September 16, 17, 21

[Register Here!](#)



Thanks !

Ricardo de Souza

Technology Specialist - Power Platform

✉ rdesouza@microsoft.com

.linkedin https://www.linkedin.com/in/ricardodesouza/

Additional slides

Era of the AI Copilot

Augmenting human productivity and ingenuity

The role of technology

From

To

Tools

Helpful “copilot”

Data input / output

Conversational interface, using natural language

Perform linear tasks

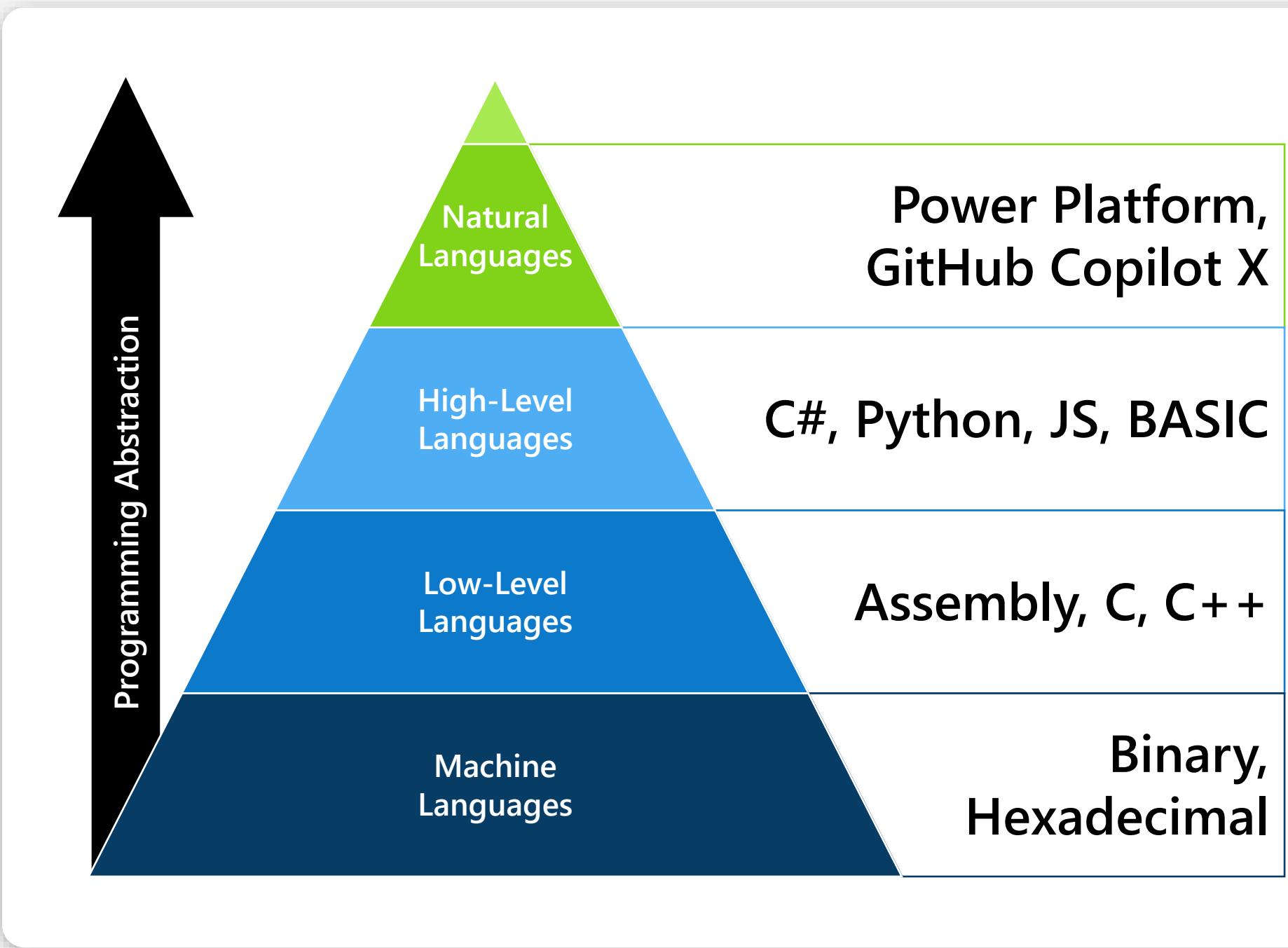
Performs complex, generative tasks

Follow commands

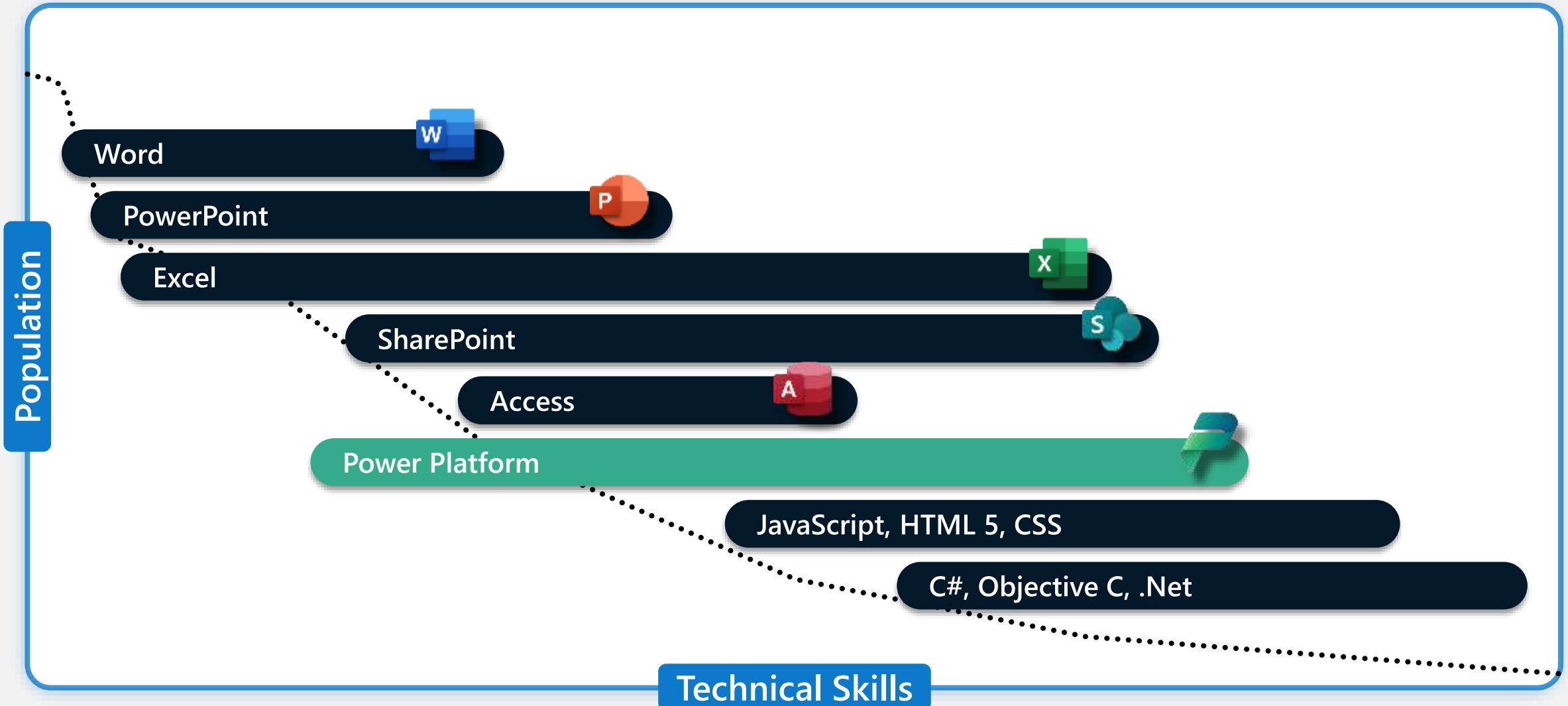
Iterate ideas and output, with human in the loop



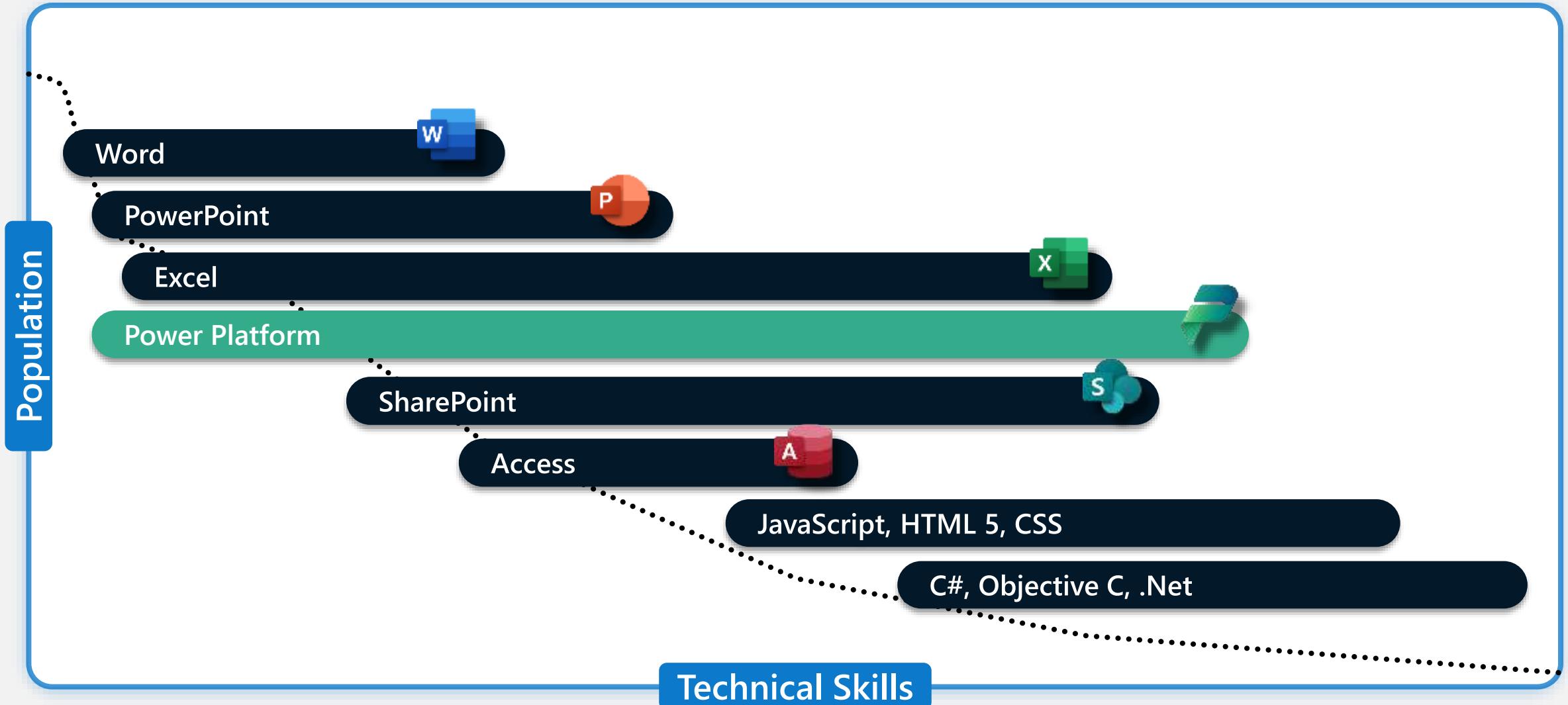
**With Copilot in
Power Platform,
your language is
now a
Programming
Language**



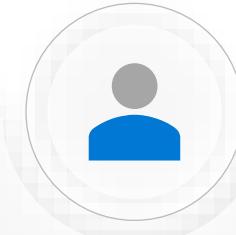
Low Code Adoption



Low Code Adoption + AI Copilot



What AI does for Power Platform



Next generation AI for developers

- NEW** Copilot in Power Platform
- NEW** Generative AI templates
- NEW** AI assisted data integration

Next generation AI for users

- NEW** AI generated analytics
- NEW** Generative answers
- NEW** Generative actions

AI in Power Platform

Easier to make. Richer to use.



Power Apps

- [Copilot - Natural Language to App \(Generally Available\)](#)
- [Power FX Ideas \(Generally Available\)](#)
- [Express Design \(Public Preview\)](#)
- [Excel to Canvas App \(Generally Available\)](#)
- [Custom Copilot Control \(Limited Preview\)](#)
- [Generative actions/plugins \(Public Preview\)](#)
- [Customization with Copilot Studio \(Public Preview\)](#)



Power Automate

- [Copilot - Natural Language to Cloud Flow \(Generally Available\)](#)
- [Cloud flows designer \(Generally Available\)](#)
- [Format data by Examples \(Generally Available\)](#)
- [Copilot for Desktop Flows and Scripts \(Public Preview\)](#)
- [Create and run flows from ChatGPT \(Generally available\)](#)
- [Copilot to analyze automation activity \(Public Preview\)](#)
- [Copilot experiences in Process Mining \(Public Preview\)](#)



Copilot Studio

- [Copilot - Generative Building \(Generally Available\)](#)
- [Generative Answers \(Generally Available\)](#)
- [Azure conversational language understanding \(Generally Available\)](#)
- [Generative Answers sourcing documents \(Public Preview\)](#)
- [Generative Actions \(Public Preview\)](#)
- [Extend Copilot for M365 \(Public Preview\)](#)
- [Plugin Builder \(Public Preview\)](#)
- [Prompt Builder \(Public Preview\)](#)



Power Pages

- [Copilot - Natural Language to Site \(Public Preview\)](#)
- [Generate forms with Natural Language \(Public Preview\)](#)
- [Contextual chatbots \(Public Preview\)](#)
- [AI to write code \(Public Preview\)](#)



Power BI (now part of Microsoft Fabric)

- [Copilot - Natural Language to Reports \(Public Preview\)](#)
- [Azure AI Studio integration \(Public Preview\)](#)
- [Write prompts for Copilot report pages \(Public Preview\)](#)
- [Enhanced Q&A with Copilot \(Public Preview\)](#)
- [Write prompts for Copilot narrative \(Public Preview\)](#)
- [Natural Language to DAX Quick Create \(Generally Available\)](#)



AI Builder, Managed Environments, Dataverse

- [Azure OpenAI models with Templates \(Public Preview\)](#)
- [Power Platform Advisor \(Public Preview\)](#)
- [Excel to table in Dataverse \(Generally Available\)](#)
- [AI generated App Descriptions \(Public Preview\)](#)
- [ALM Deployment Notes \(Generally Available\)](#)
- [AI Models \(Generally Available\)](#)
- [Dataverse and AI \(Limited Preview\)](#)



Microsoft and OpenAI

OpenAI is an AI research and deployment company. Azure OpenAI Service brings OpenAI API + Azure enterprise-level security, compliance, and regional availability.

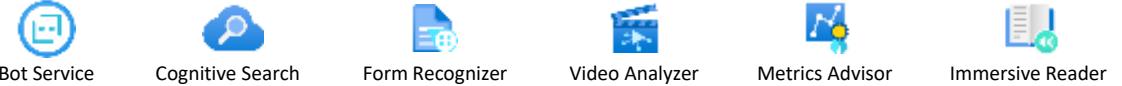
 Microsoft

Power Platform | Microsoft 365 | Dynamics 365 | Partner Solutions



Azure AI

Scenario-Based Services - Applied AI Services



Bot Service Cognitive Search Form Recognizer Video Analyzer Metrics Advisor Immersive Reader

Customizable AI Models - Cognitive Services

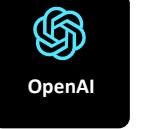


Vision Speech Decision Language

ML Platform



Azure Machine Learning

 OpenAI

 OpenAI

ChatGPT
Conversational AI chatbot

GPT-3
Understand and generate natural language

Whisper
Automatic speech recognition

CodeX
Understand and generate code

DALL-E
Creating images from text

Microsoft and OpenAI

OpenAI is an AI research and deployment company. Azure OpenAI Service brings OpenAI API + Azure enterprise-level security, compliance, and regional availability.

| | Azure OpenAI Service | OpenAI |
|------------------------------------|---|---|
| Security & Data Privacy | Enterprise Security, RBAC, Customer-Managed Keys | Basic Security |
| Compliance | SOC2, ISO, HIPAA, CSA STAR | None |
| Reliability | Azure SLA | No SLA |
| Responsible AI | Built-in, enterprise-grade, low latency moderation, and harm prevention | Separate Safety Classifier (adds latency) |
| Holistic Solution | OpenAI Models, Complete AI Solution, and a Complete PaaS | Advanced LLM & Image Generation, Basic Speech |
| APIs | REST APIs + Python, C#, etc. SDKs | REST APIs + Python SDK |

[Azure OpenAI Service](#)

Enterprise Grade AI

Enterprise Security

Your data does not leave the **Microsoft ecosystem**

Microsoft **cannot see your data**, except for debugging or abuse

Your data respects existing **permissions models**

Azure security, enterprise promises, compliance

Published availability **SLA**

Responsible AI

Your data is not used to train AI for **other customers** or for ChatGPT

Content moderation

Hallucination filter

Fairness and inclusive policies

Red-teaming and adversarial testing

Governance

Respects **existing security and privacy guardrails**

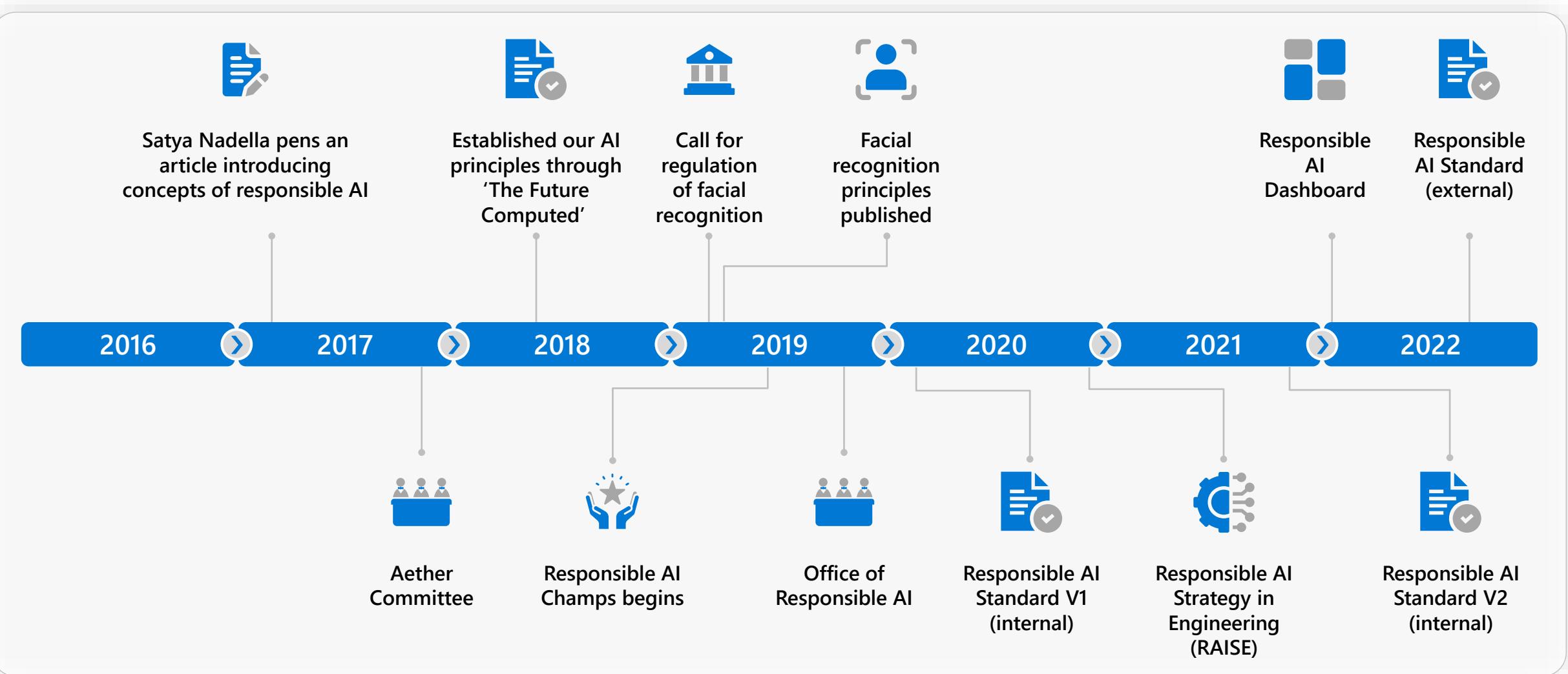
Data loss prevention policies to safeguard data

Analytics reports to provide admin visibility

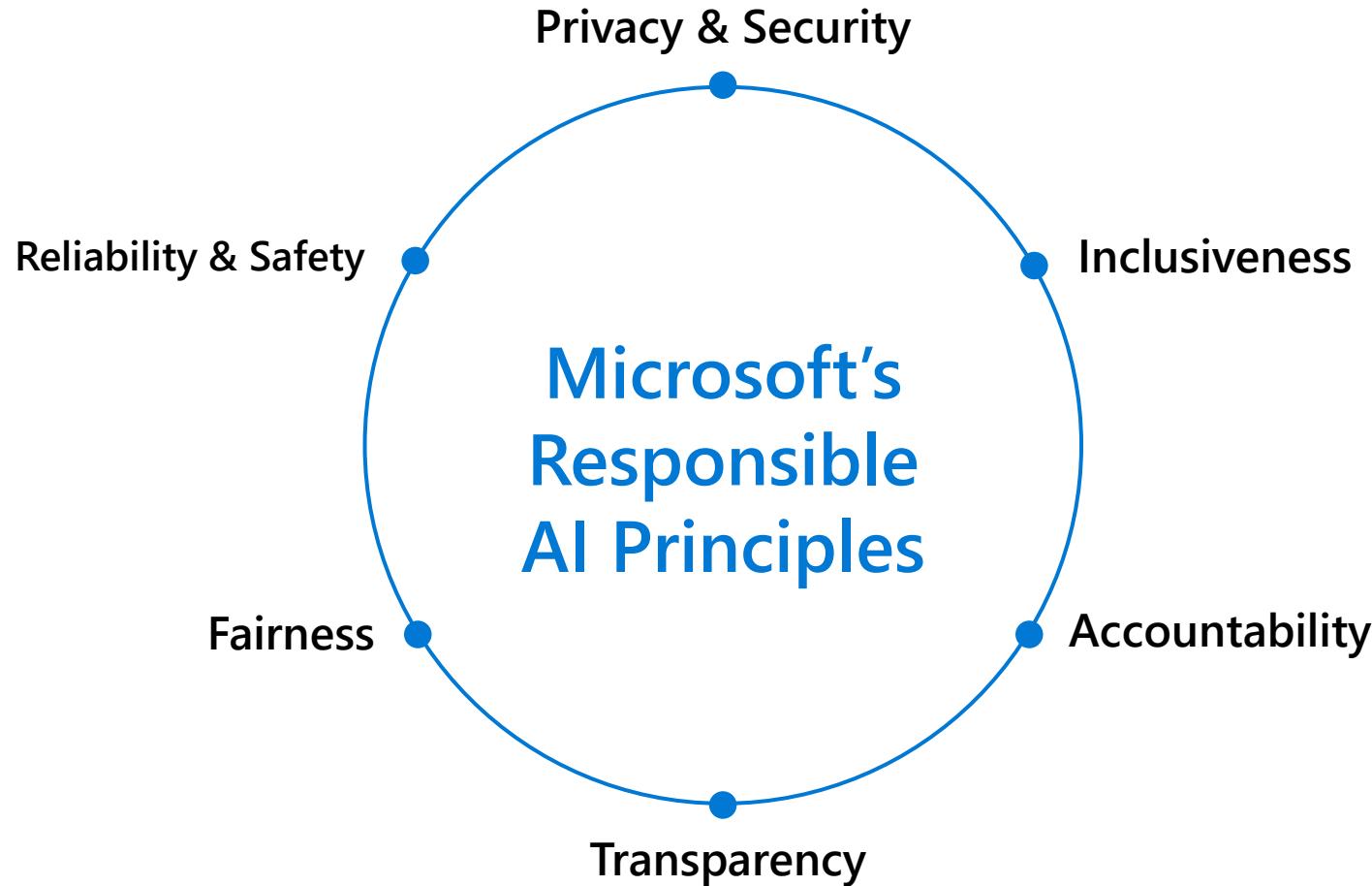
Data sharing is opt-in only

Data, Privacy, & Security

Microsoft's Responsible AI journey

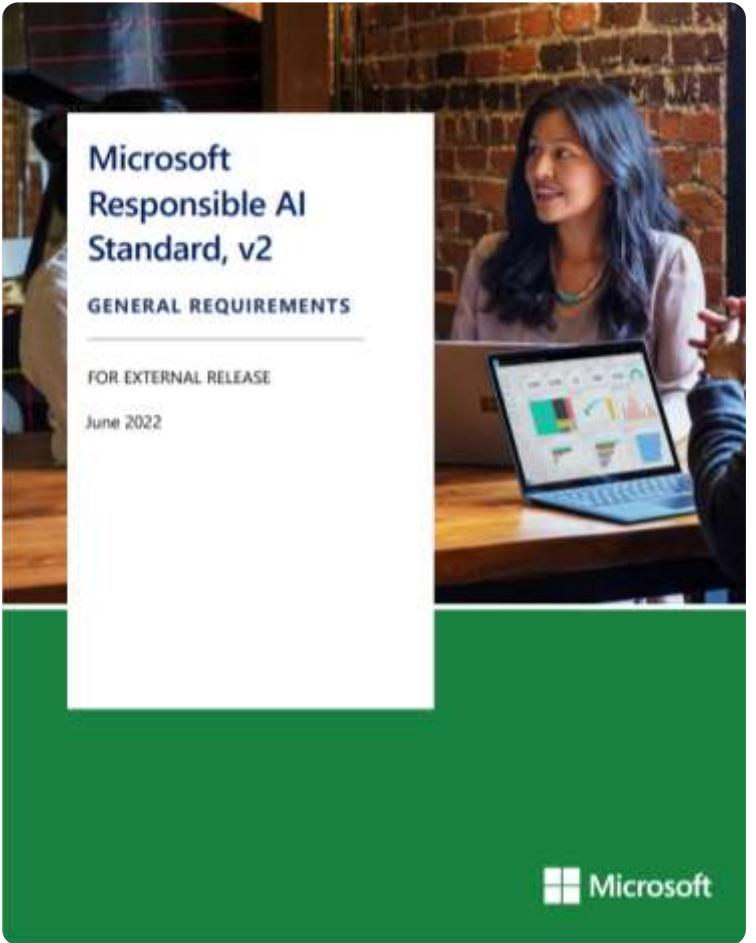


Microsoft's Responsible AI principles



**Building blocks
to enact principles**





Rules

Responsible AI Standard



Records

Our practice of **Responsible AI by Design** – the proactive ways in which we guide the design, build, and testing of AI systems



Establishes

A durable framework for the maturing practice of responsible AI and evolving regulatory requirements



Reflects

Our deeper exploration of what our six AI principles mean and the steps that must be taken to uphold them

Establish a responsible AI strategy
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