



Workshop Power Platform for Administrators

Power Platform Overview

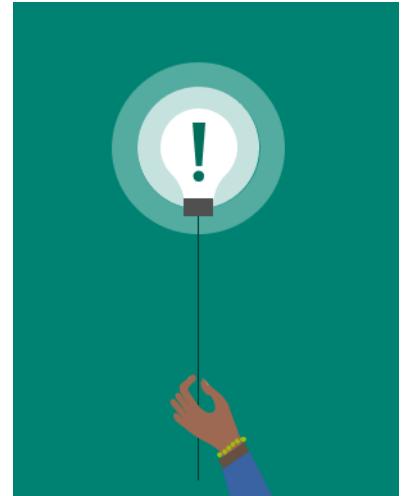


What is Power Platform?

Objectives

After completing this Learning, you will be able to understand:

- What Power Platform is
- What services Power Platform includes



Microsoft Power Platform

The low-code platform that spans Office 365, Azure, Dynamics 365, and standalone applications



Power BI
Business analytics



Power Apps
Application development



Power Automate
Workflow automation



Power Virtual Agents
Intelligent virtual agents



Data connectors



Portals



AI Builder



Microsoft Dataaverse

Everyone's platform for low code transformation

CITIZEN DEVELOPERS



Build solutions fast

Unlock data, automate processes and deliver insights using a simple, drag-and-drop platform and pre-built components.

PRO DEVELOPERS



Build without limits

Customize and extend your low-code solutions using popular development platforms.

IT PROS



Maintain security and control

Add access, security and compliance guardrails to protect data, enforce standards and reduce the risk of shadow IT.

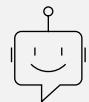
Power Apps: A Low-code Approach to Building Apps



Build standalone web and mobile apps, or customize existing apps in Office 365 and Dynamics 365



Connect to all your data with 540+ pre-built connectors and custom connectors



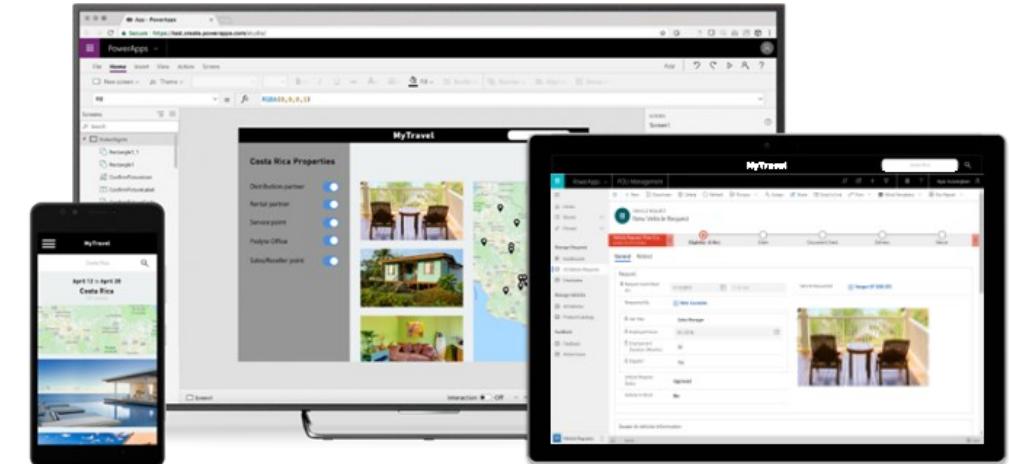
Add AI and intelligence with ease through built-in cognitive services



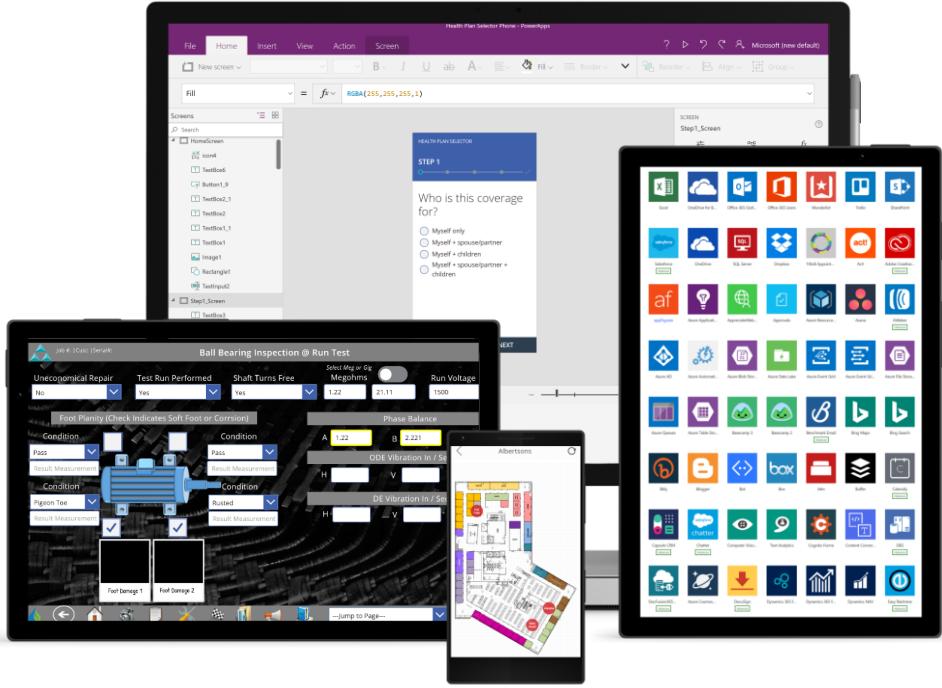
Provide IT guardrails with enterprise-grade governance and security controls



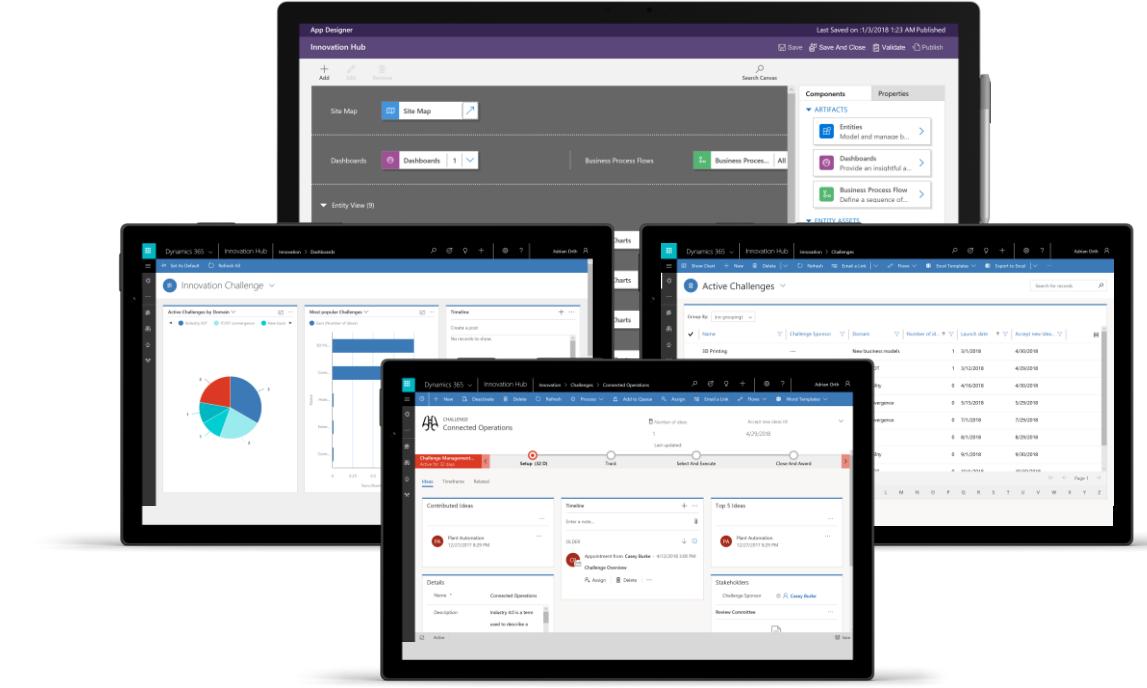
Pro-developer extensibility enables a “no limits” platform that spans business users to professional developers



Power Apps Types



Canvas apps start with user experience, with pixel-perfect control to build highly customized task- and role-based apps that mash up data from 540+ sources

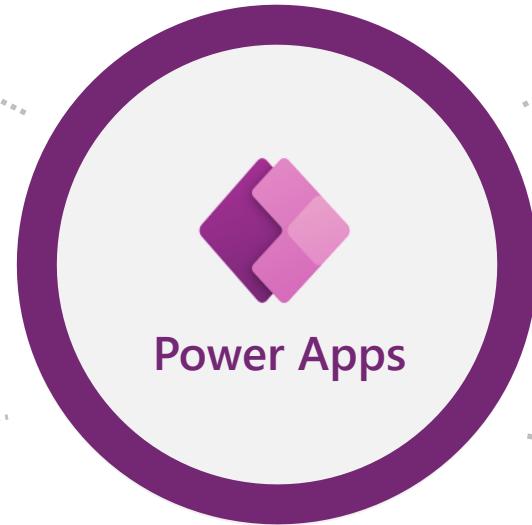


Model-driven apps leverage your data model, relationships, and business processes to automatically generate immersive, responsive applications

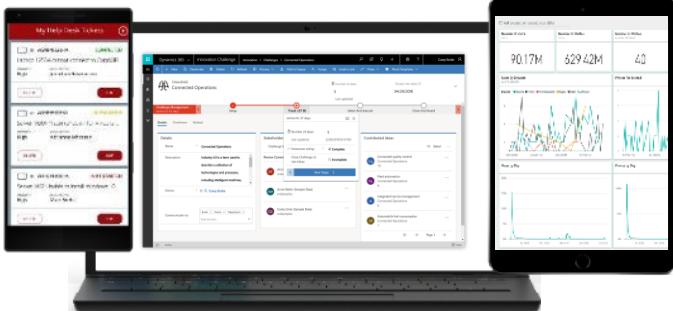
Enabling Digital Transformation Across the Organization



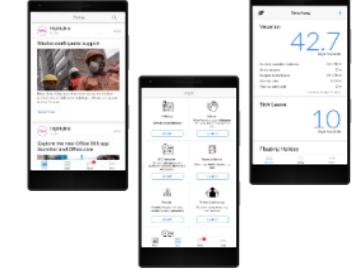
Extending Office 365
and Dynamics 365



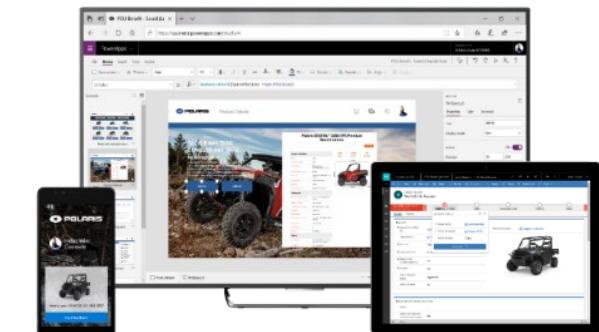
Building mission-critical
end-to-end solutions



Extending legacy
applications

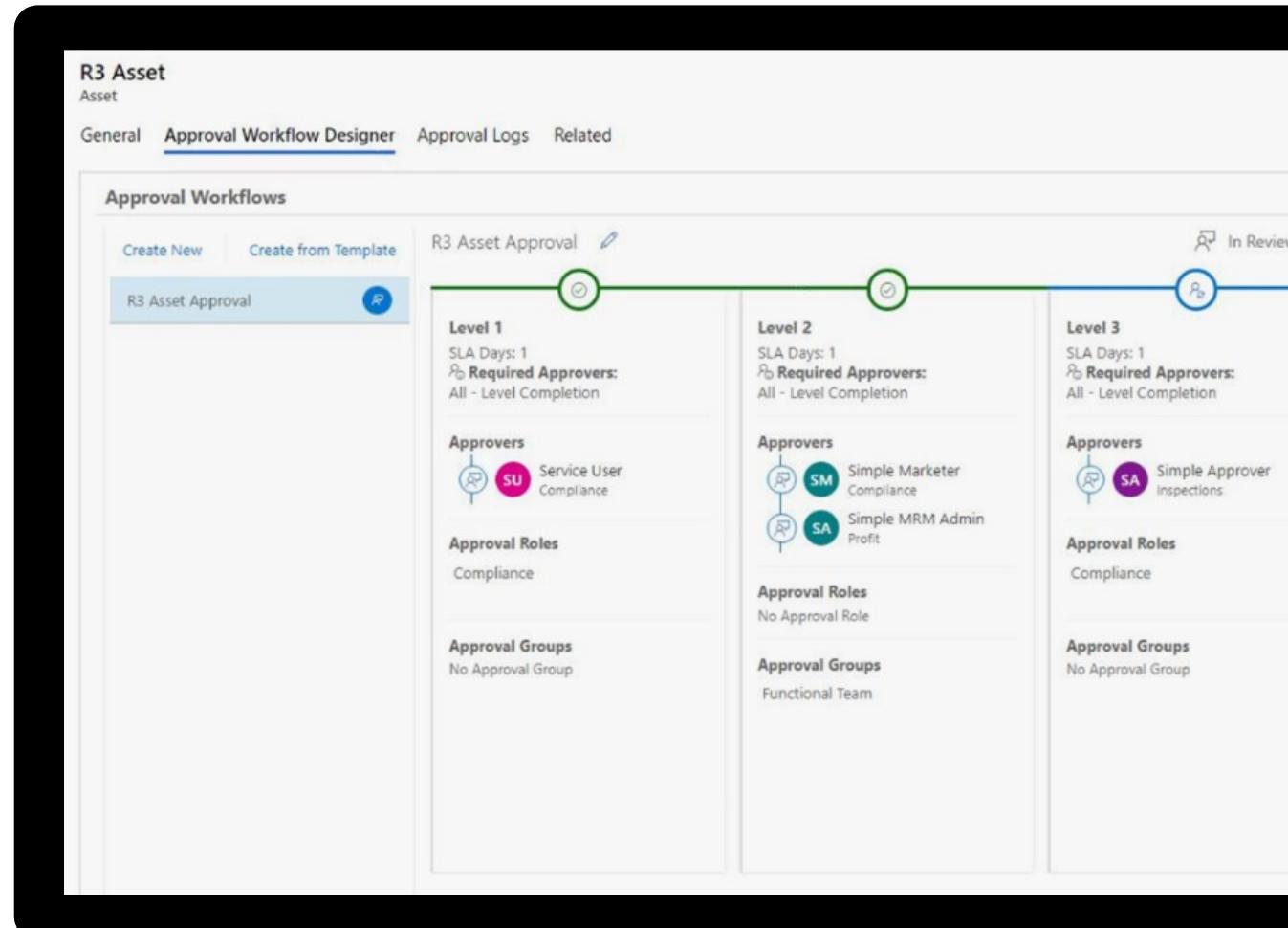


Building departmental
solutions



Build custom components with the Power Apps component framework

- Developers can build compelling visual components for Power Apps.
- Custom components are responsive, reusable and support multiple form factors.
- Reuse your current IP or build using Visual Studio or Visual Studio Code
- Use common frameworks like React and command-line tools for building and testing.



Power Apps + Pro Developers = No Limits



Power Platform



Every Developer
(Low Code)

Azure services



Pro Developer
(Code First)

Azure/Office Data Services



Microsoft Graph



SQL Azure



Azure Synapse
Analytics



Cosmos DB



Visual Studio

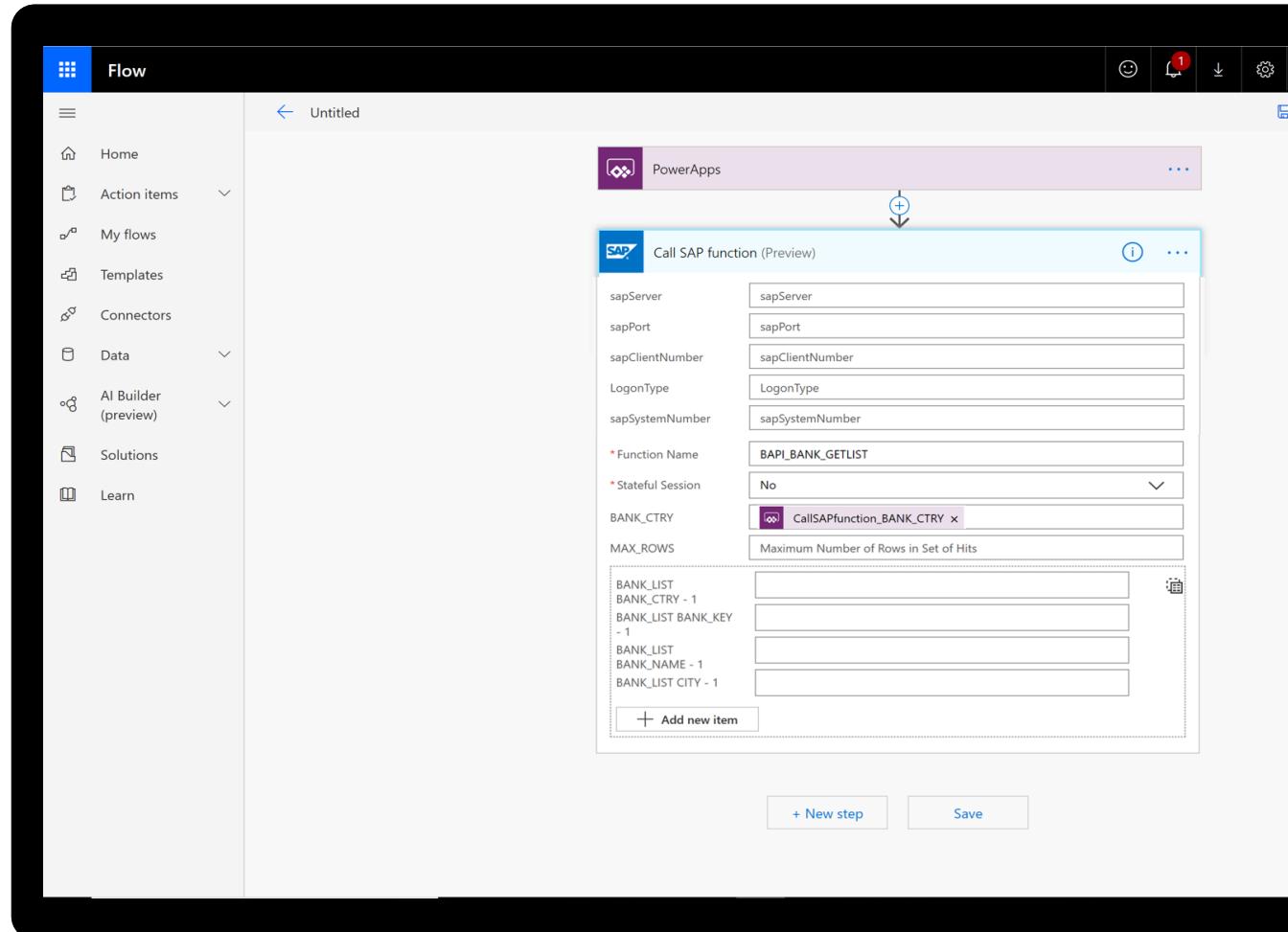


VS Code

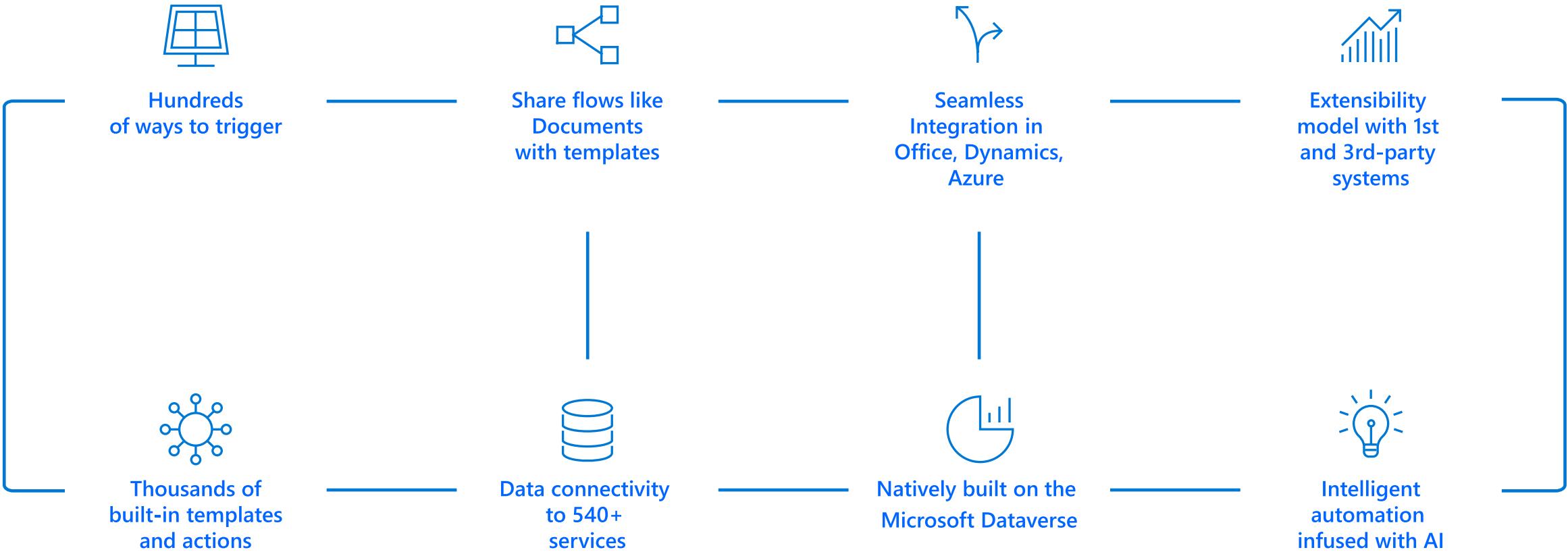
Power Automate

Automate business processes across Power Platform

- Send automatic reminders for past due tasks.
- Move business data between systems on a schedule.
- Create a flow once and enable makers to use it across the Power Platform.
- Extend the automation capabilities in Power Automate to on-premises processes and tasks with Power Automate Desktop.
- Expand and improve business processes with Business Process Flows.



One automation platform



Power Automate is Easy to Use and Quick to Start



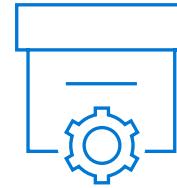
Three Basic Building Blocks: Triggers, Actions, Logic



Power Automate checker helps determine errors in the flow design



Real time testing to ensure your Power Automate works



Hundreds of out of the box templates to quickly create complex Power Automates

Power Automate UI Is Easy to Understand and follow



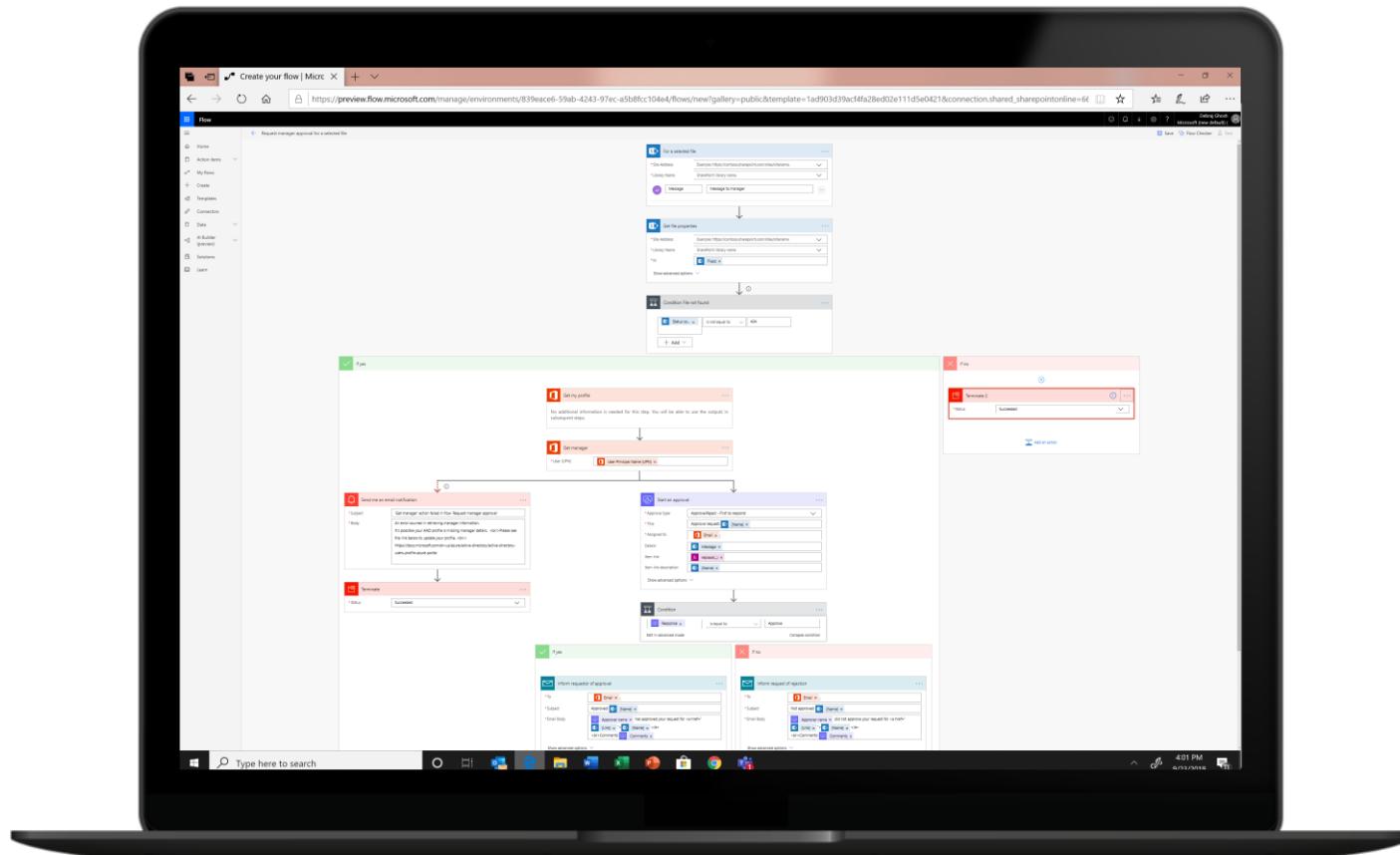
Easily map your steps



Power Automate chart shows steps



Get details for each step



Automate Approvals



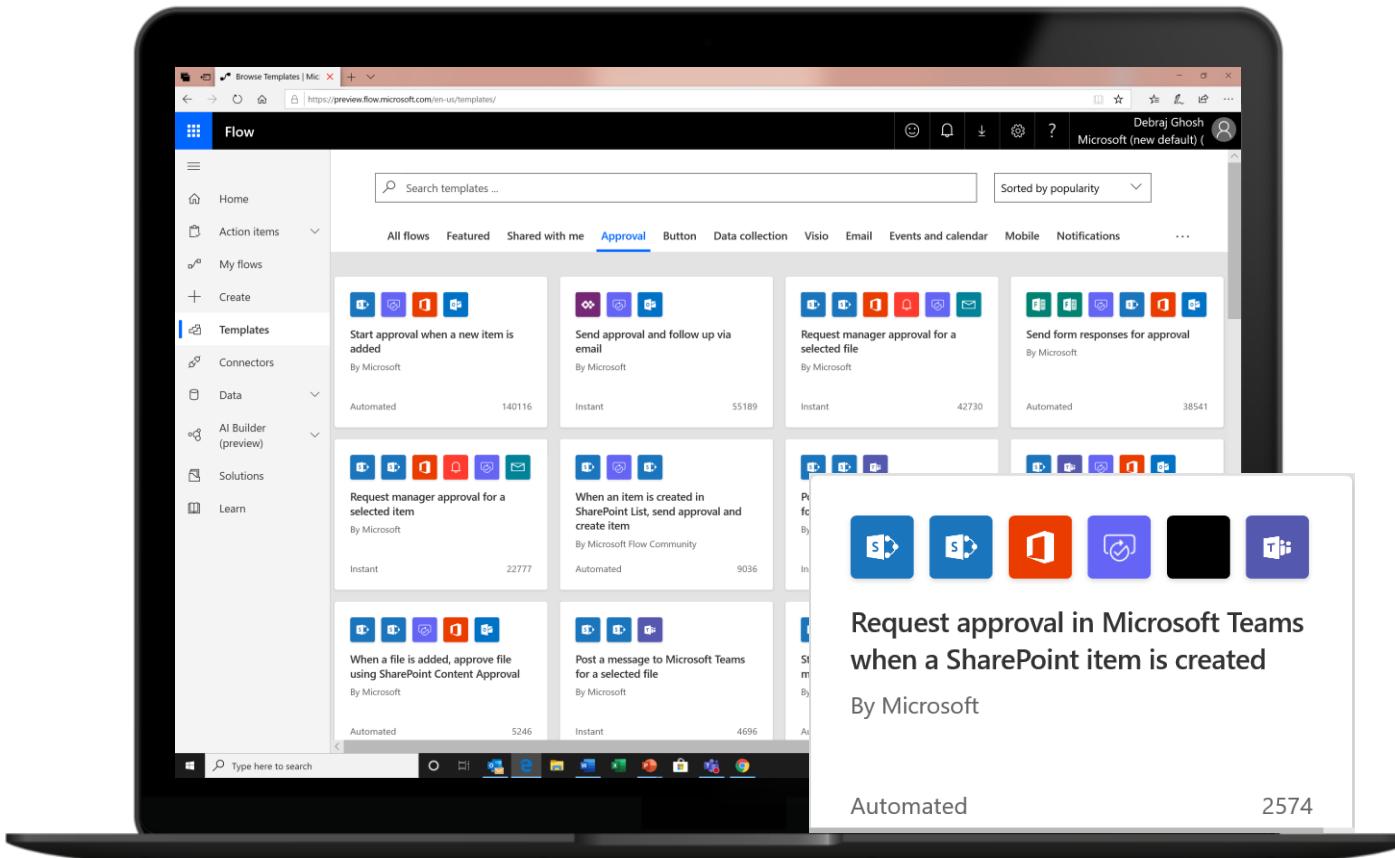
Automate approvals to focus on more valuable tasks



Many approval scenarios offered out of the box

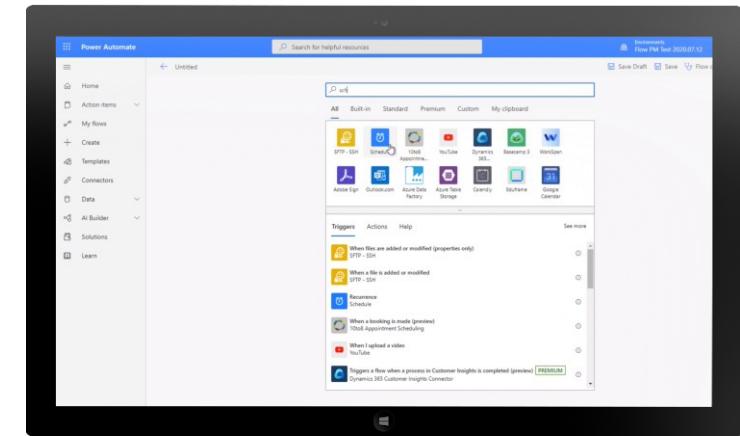
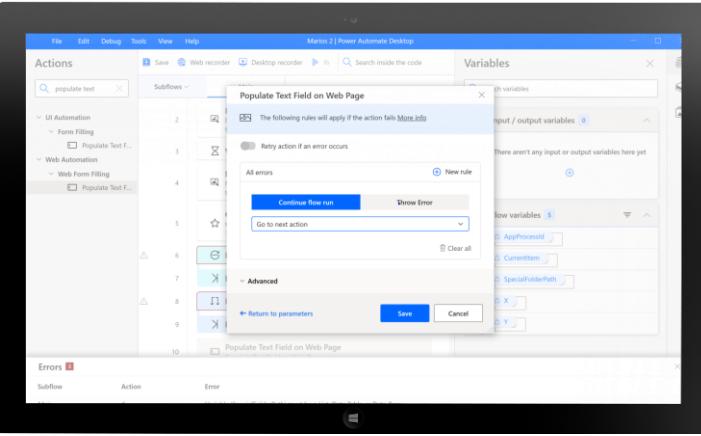
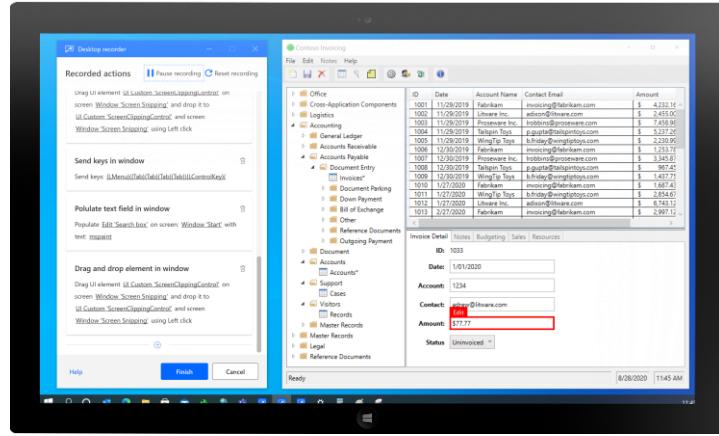


Quickly save departmental time



Power Automate Desktop

Enhancing the Robotic Process Automation user experience for desktop and web applications



Author with ease

Enhanced Error Handling

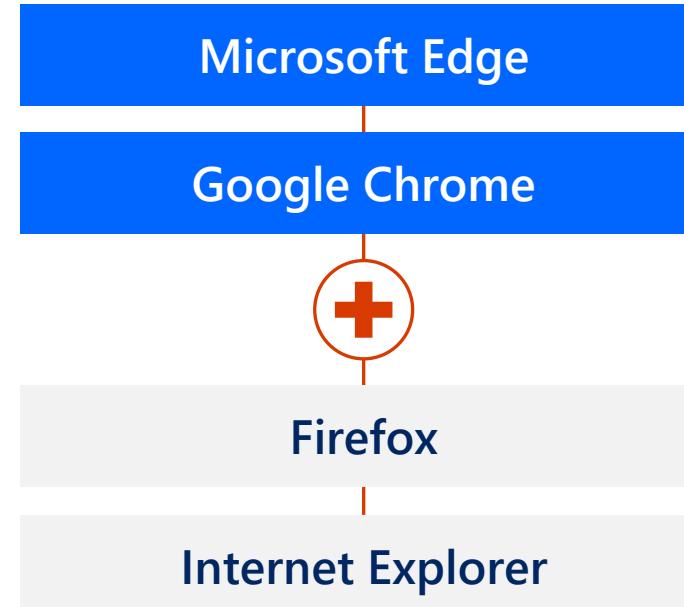
Automate across more apps

Expanding RPA Capabilities to Meet Your Needs

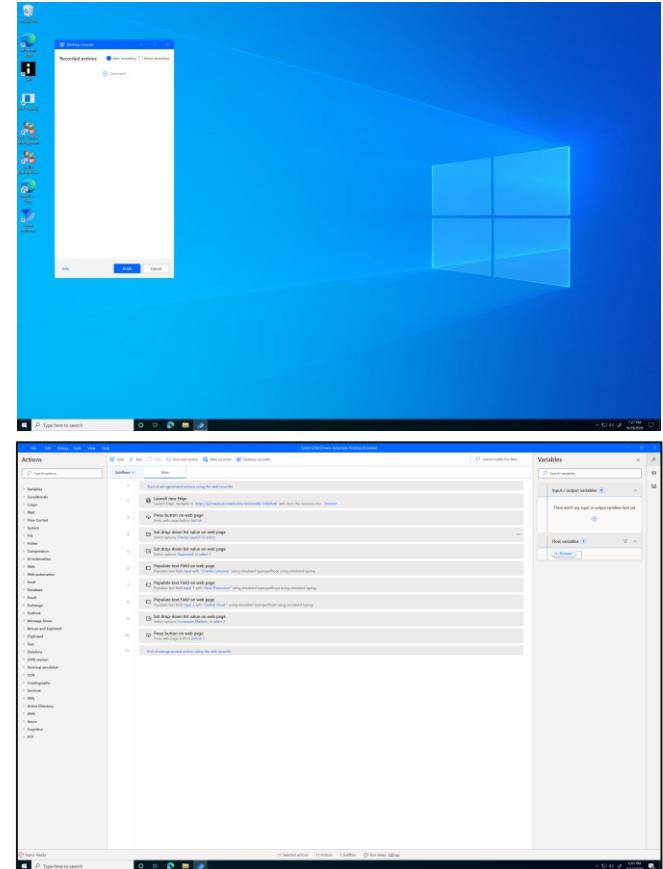
RPA for More Desktop Applications



RPA for More Browsers



Enhanced Recorder for Web and Desktop RPA

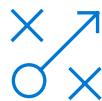


Integrated with Power Automate to offer Automation at Scale

Create unique and comprehensive Process Automations combining modern connectors with RPA recordings



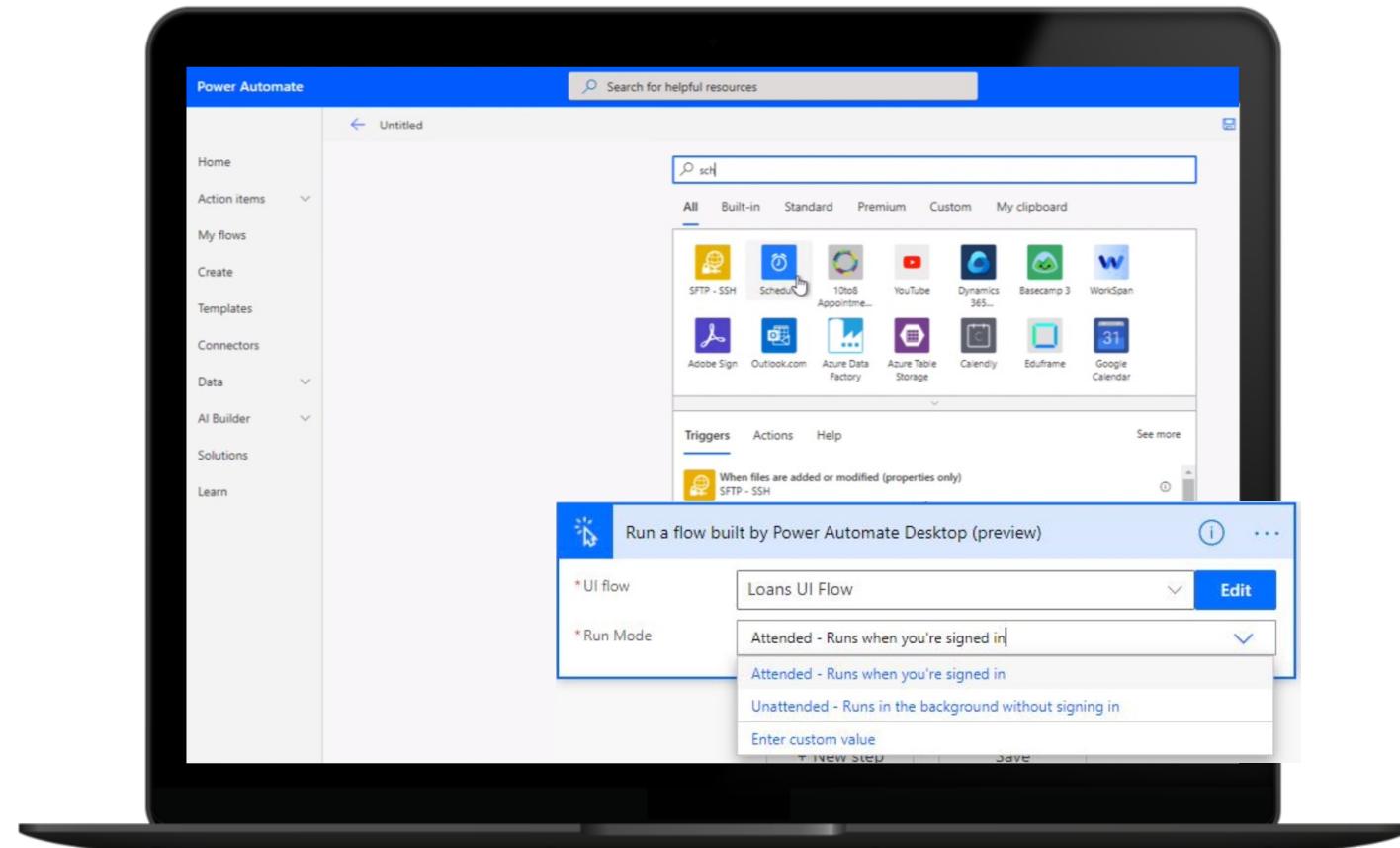
Connect your Power Automate Desktop recording with Power Automate flows



Seamlessly automate across API-based applications and non-API based applications



Combine Power Automate Desktop RPA with 370+ connectors to the leading enterprise services

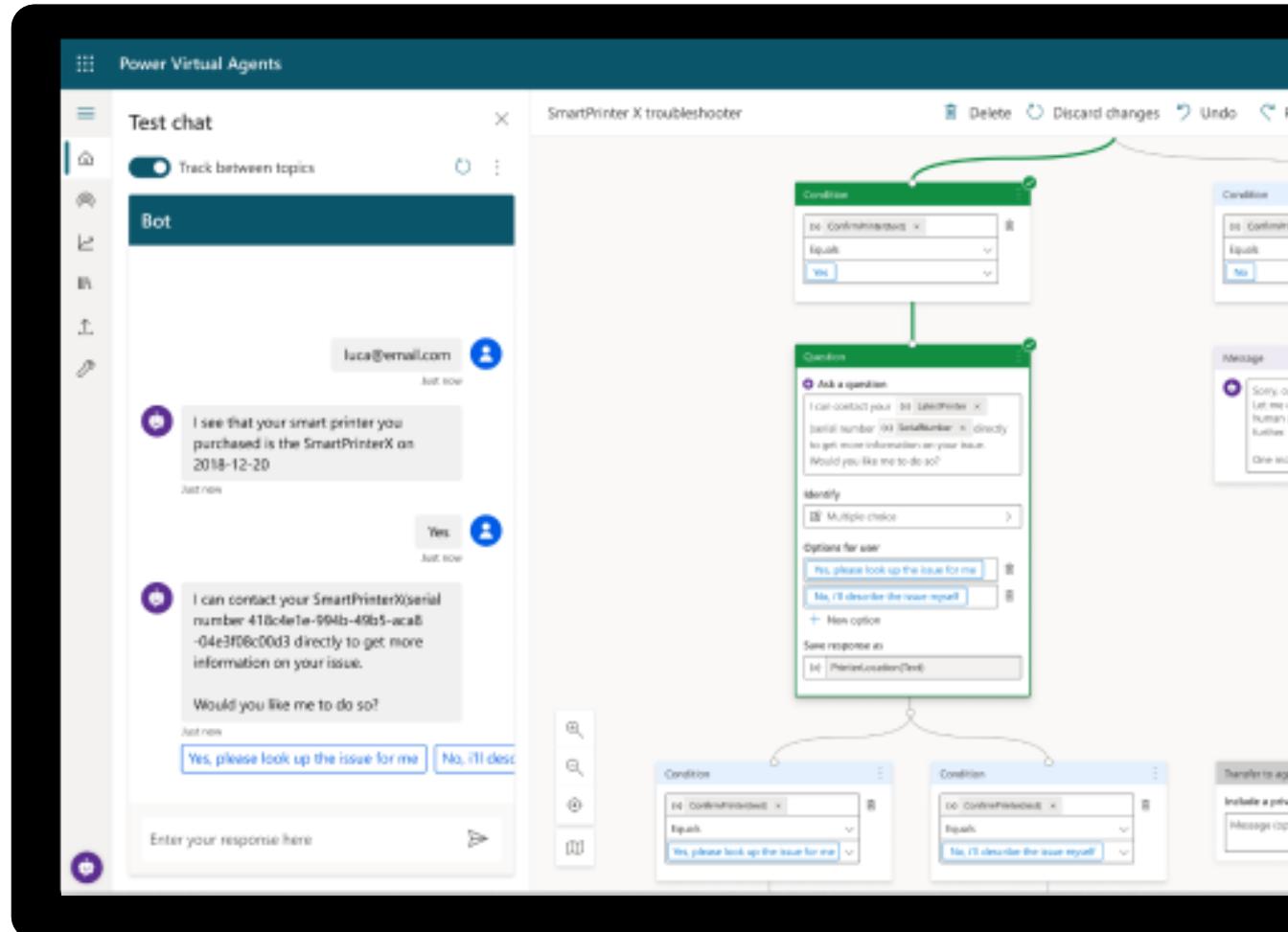


Microsoft
Power Automate

Power Virtual Agents

Build intelligent bots for customers and employees in minutes

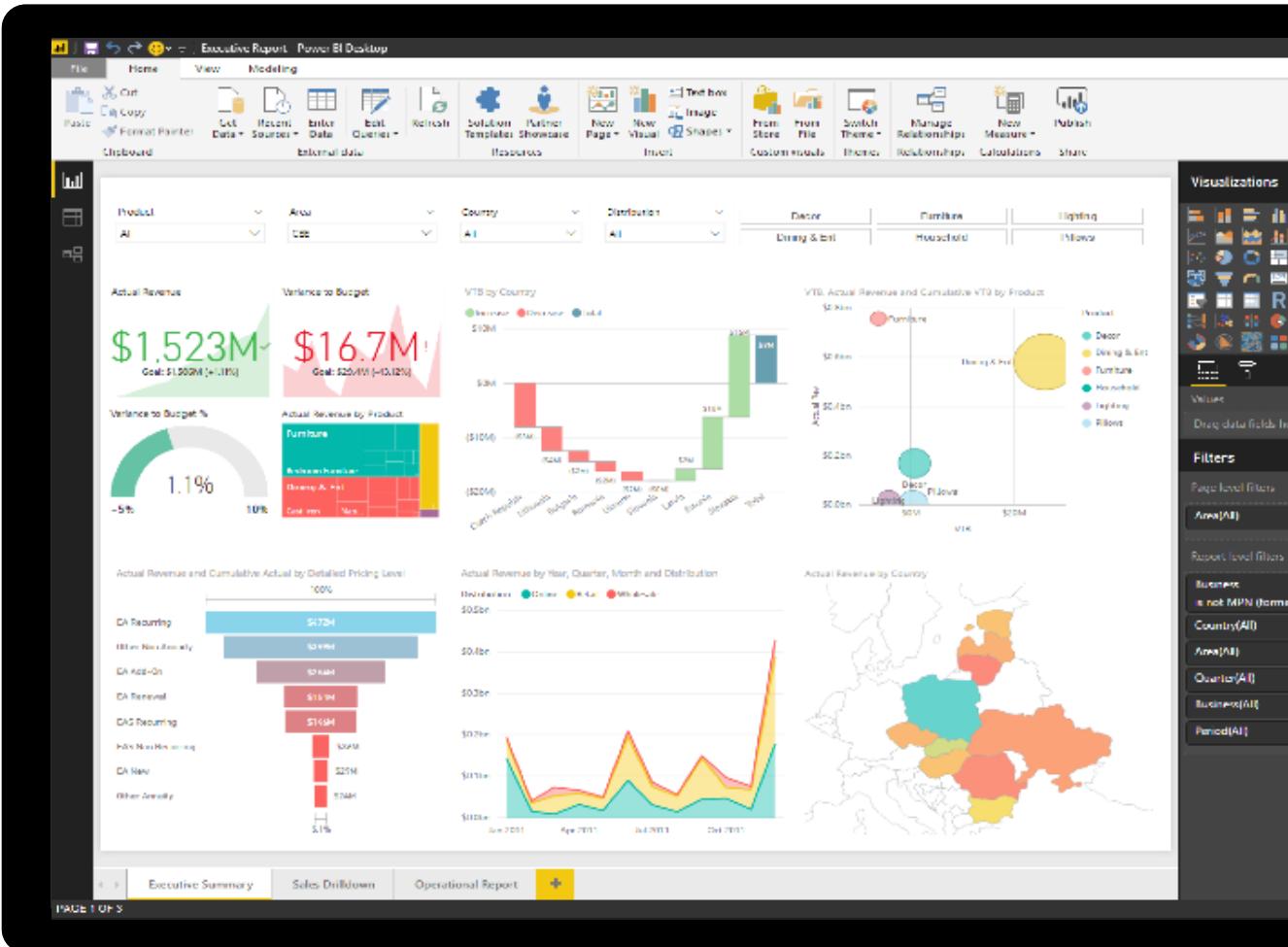
- Create and manage powerful chatbots without the need for code or AI expertise.
- Easily integrate your chatbots with the products and services you use every day.
- Look up records, personalize conversations, hand off conversations to live agents, and call APIs.
- Choose from hundreds of prebuilt connectors, build custom workflows using Power Automate, or create complex scenarios with Microsoft Bot Framework.
- Monitor and improve your chatbot's performance using AI and data-driven insights.



Power BI

Experience any data, anyway, anywhere

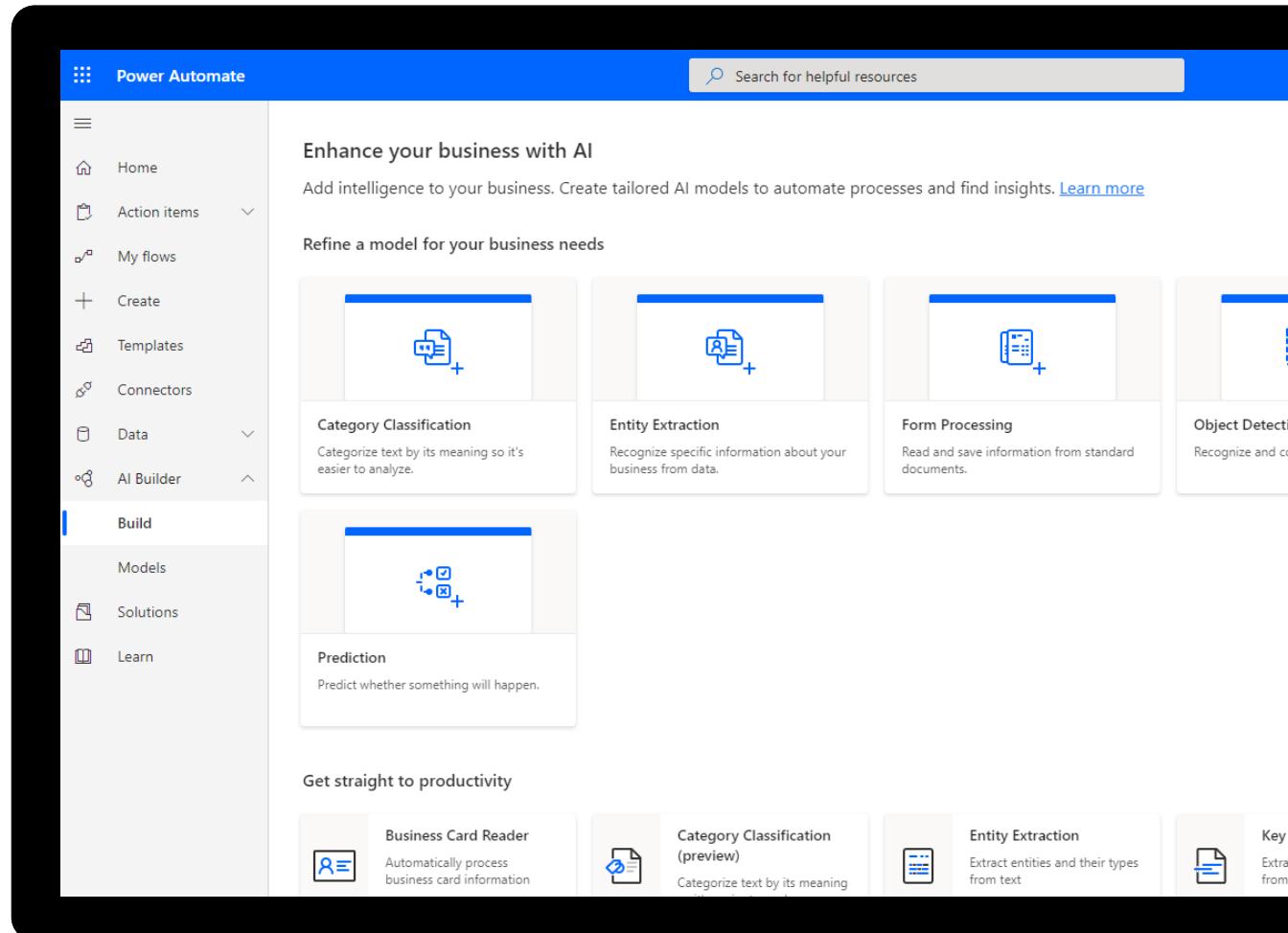
- Enable everyone to create real time dashboards & interactive reports using low-code tools and pre-built formats.
- Connect to hundreds of data sources from spreadsheets to on-premises data.
- Produce beautiful reports, then publish them for your organization to consume on the web and across mobile devices.
- Empower your organization with self-service analytics.



AI Builder

Low code AI for Apps and Flows

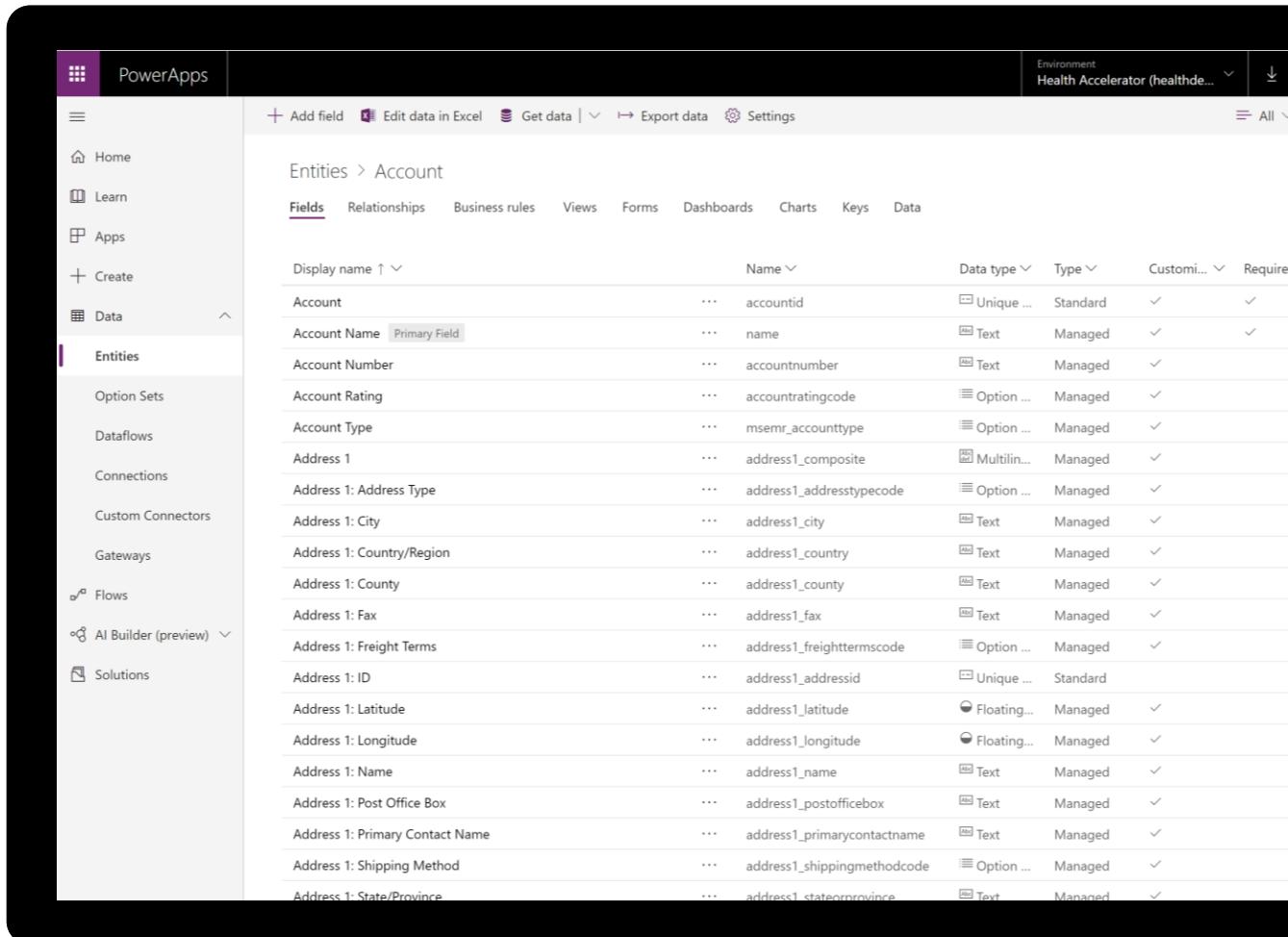
- Low code AI solutions for Power Platform leveraging the power of Azure AI.
- Native integration with Dataverse and Azure Data Lakes.
- Leverage predictions directly from Dataverse across your Power Platform solutions, Dynamics 365 or Microsoft 365.



Dataverse

Put all your data to work

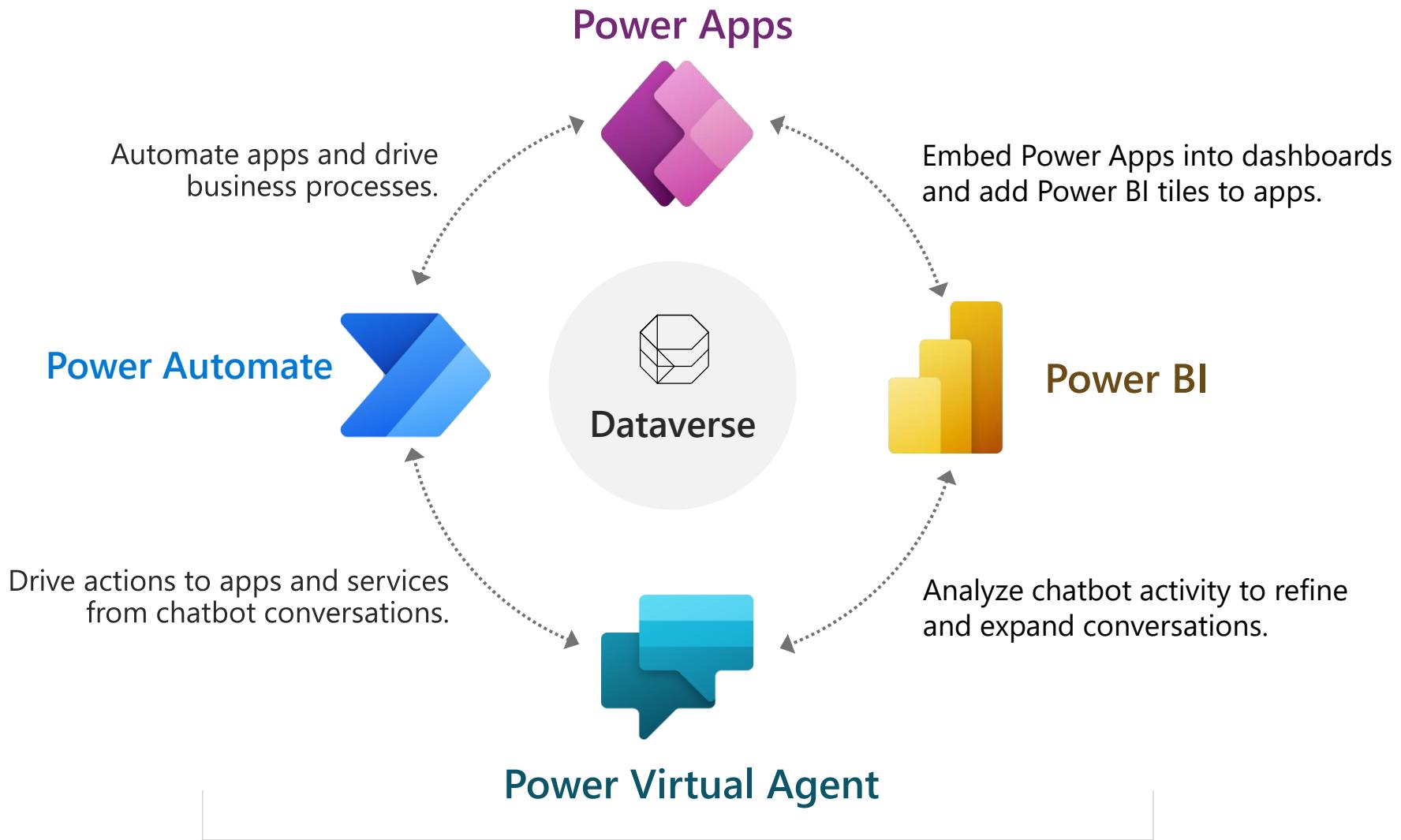
- Jumpstart apps using an extensible data model with business logic, security and integration built in.
- Support all your data: relational data, file and blob storage, logs and search indexing.
- Effortless Dynamics 365, Office 365 and Azure integration.
- Role-based security allows you to control access to tables for different users within your organization.



The screenshot shows the Microsoft PowerApps Data view interface. The left sidebar has a 'Data' section expanded, showing options like Entities, Option Sets, Dataflows, Connections, Custom Connectors, Gateways, Flows, AI Builder (preview), and Solutions. The main area is titled 'Entities > Account'. It shows a list of fields for the Account entity, including:

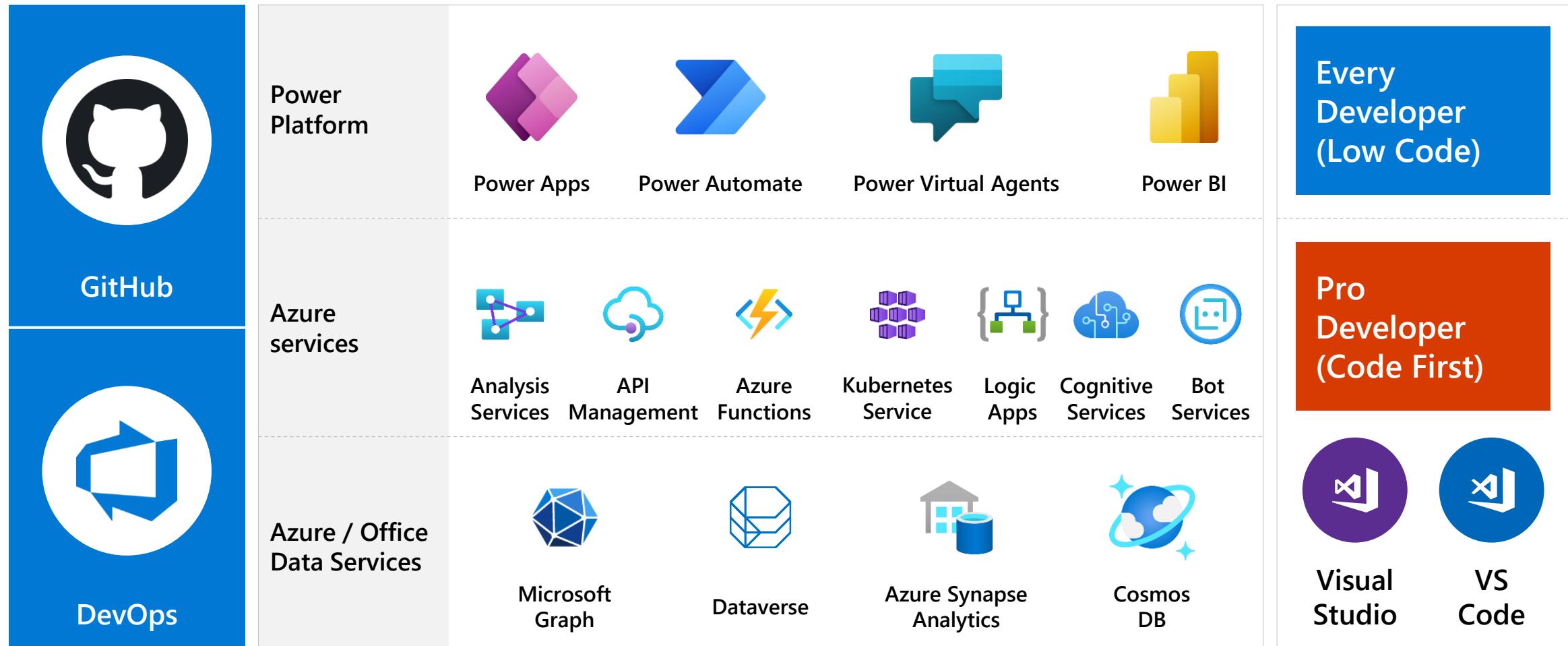
Field	Type	Data Type	Custom...	Required
Name	Text	Unique ...	Standard	✓
Account	accountid	Text	Managed	✓
Account Name	Primary Field	Text	Managed	✓
Account Number	accountnumber	Text	Managed	✓
Account Rating	accountratingcode	Option ...	Managed	✓
Account Type	msemr_accounttype	Option ...	Managed	✓
Address 1	address1_composite	Multilin...	Managed	✓
Address 1: Address Type	address1_addressesendcode	Option ...	Managed	✓
Address 1: City	address1_city	Text	Managed	✓
Address 1: Country/Region	address1_country	Text	Managed	✓
Address 1: County	address1_county	Text	Managed	✓
Address 1: Fax	address1_fax	Text	Managed	✓
Address 1: Freight Terms	address1_freighttermscode	Option ...	Managed	✓
Address 1: ID	address1_addressid	Unique ...	Standard	✓
Address 1: Latitude	address1_latitude	Floating...	Managed	✓
Address 1: Longitude	address1_longitude	Floating...	Managed	✓
Address 1: Name	address1_name	Text	Managed	✓
Address 1: Post Office Box	address1_postofficebox	Text	Managed	✓
Address 1: Primary Contact Name	address1_primarycontactname	Text	Managed	✓
Address 1: Shipping Method	address1_shippingmethodcode	Option ...	Managed	✓
Address 1: State/Province	address1_stateorprovince	Text	Managed	✓

Powerful alone. Even better together.



Unified application lifecycle management (ALM)

Develop faster than ever before with a composable cloud

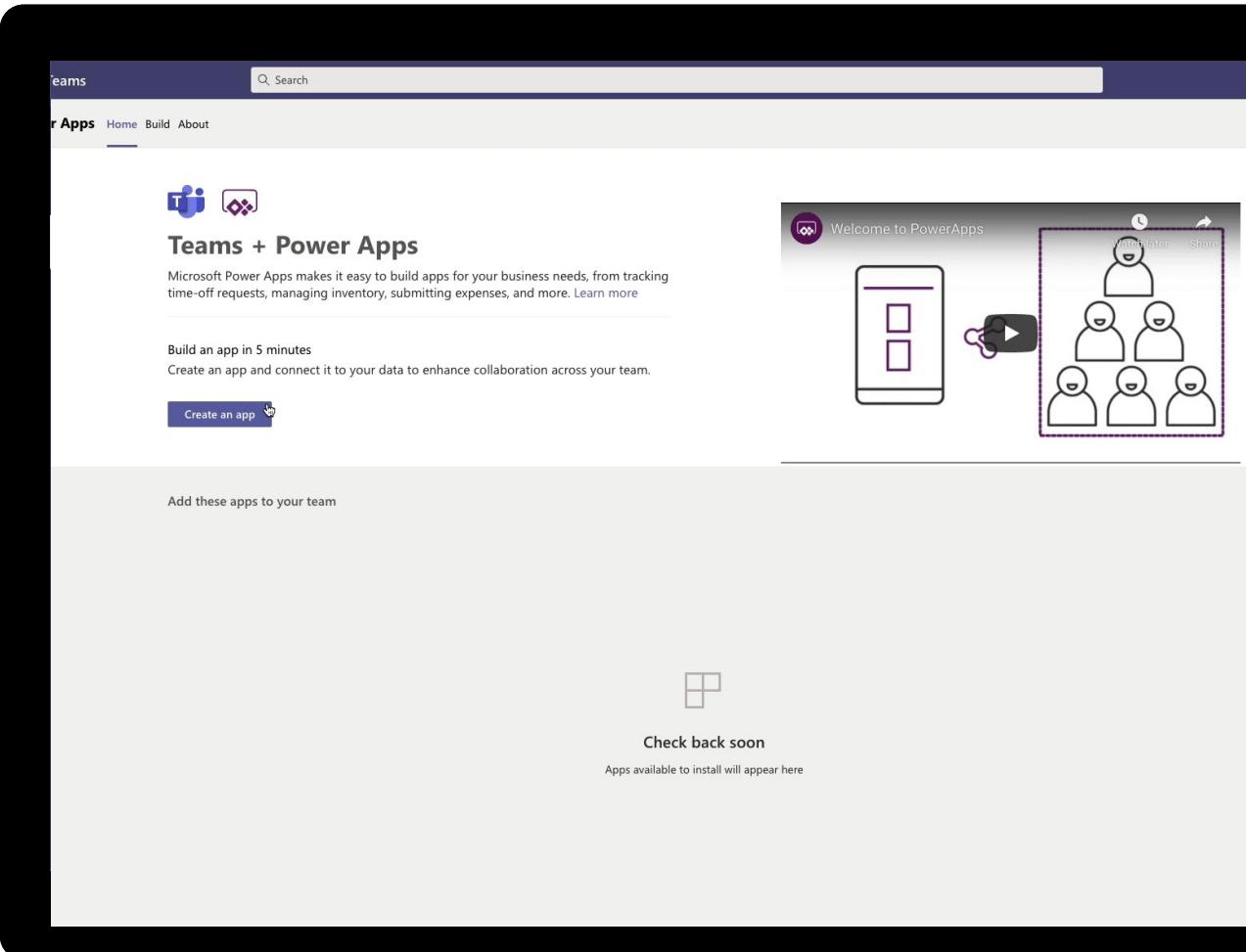


Microsoft
Power Automate

Power Platform + Microsoft Teams

Low code AI for apps and processes

- **Microsoft Dataverse for Teams** –
a structured data store ideal for
personal/team productivity apps
used by a small groups
- **Power Platform integration** –
embed and build interactive apps,
reports, bots and automation
directly in Microsoft Teams
channels and chats.



Install Power Platform solutions into Teams with a single click



Teams users can find and install custom solutions in the Teams app store.



Citizen developers or partners can now easily put their solutions where Teams users know where to look.

A screenshot of the Microsoft Teams application interface, specifically the 'Apps' section of the app store. The left sidebar shows various categories like Activity, Chat, Teams, Calendar, Calls, Power BI, Power Apps, and Power Virtual Agents. The main area is titled 'Apps' and shows several cards for different solutions:

- HR Bot Contoso**: Bot for helping answer common HR questions.
- 10 - Acquire Flow - With Env Microsoft**: Help your team work smarter by creating apps that connect to the services and data they use most. Add those apps to your...
- 10 - Acquire Flow - No Env Microsoft**: Help your team work smarter by creating apps that connect to the services and data they use most. Add those apps to your...
- Power BI Microsoft Corp.**: Pin Power BI reports to your channel to start a conversation about your data. With reports and chats in the same place, everyone stay...
- Power Virtual Agents Microsoft**: Help your team work smarter by creating bots that connect to the services and data they use most.
- Onboarding Hub PowerApps**: Allows new team members to update their Office 365 user profile, view an onboarding checklist, see their team and access links to...

The bottom right corner of the screenshot has a small vertical text: 'Exit 120527-0959-327c24-50079511'.

Built in security and governance



Microsoft Dataverse for Teams is enterprise grade and designed to work within Teams.



Focused on Teams, it aligns with the core roles identified in that environment, for example: Owners, Members, and Guests.



Access to the environment is restricted just to the Teams owners, members and guests.



Ability to assign different security role to Teams Owners and Members. No security settings management for Business Unit and Teams is required.

A screenshot of the Microsoft Teams Power Apps page. The top navigation bar shows 'Microsoft Teams' and 'Power Apps'. The main content area features the 'Teams + Power Apps' section, which includes a 'Build an app in 5 minutes' call-to-action and a 'Create an app' button. Below this, there's a section titled 'Add these apps to your team' with a 'Check back soon' note and a 'Apps available to install will appear here' message. On the left, a sidebar lists various Microsoft services: Activity, Chat, Teams, Calendar, Calls, Files, and PA TEST. At the bottom, there are links for 'Apps', 'Help', and a power button.

Teams can shape the future of work with an embedded low-code development platform



Simple to build

A low-code custom development platform for Teams users to run business processes.

- Teams-native maker experience.
- Connected solution back-end.
- Solution templates to help get started.



Seamless to deploy

Streamlined deployment process and in-Teams discovery to make solutions broadly available.

- One-click deployments to Teams app store.
- Simple for partners to build/deploy solutions for customers.
- Smooth mobile experience to help serve first line workers.



Easy to manage

Clear governance and licensing model to help Admins feel comfortable.

- Usage telemetry available to Teams Admins.
- Teams capabilities included with Microsoft 365 licenses.

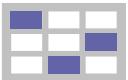
Teams is now a full low-code platform



Hub for users to discover and use apps, bots, data, & automation



Embedded low-code services to provide solutions for Teams



Building blocks to power customized solutions



Relational database for Teams users



Microsoft Teams platform



Power Apps



Power Virtual Agents



Power BI



Power Automate

Dataverse for Teams tables

Built on the Dataverse

Questions?



