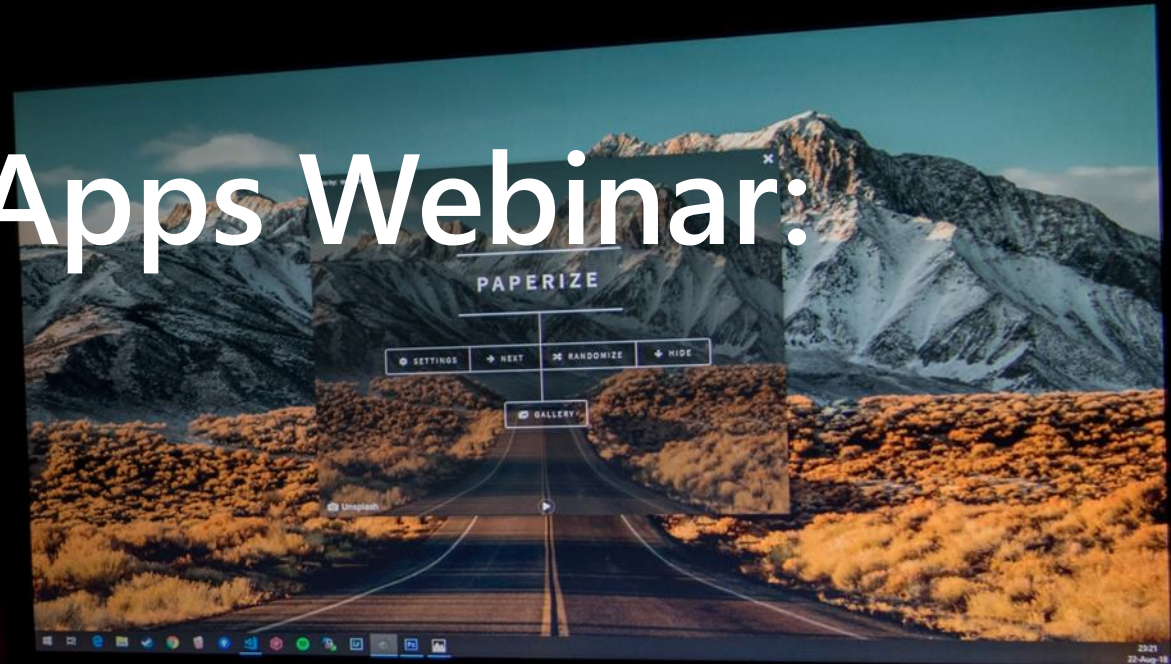




# Microsoft Federal BizApps Webinar: Hyperautomation

Ashvini Sharma  
Partner Group Program Manager  
Power Automate



# Agenda

- Low Code Motivation
- Power Platform
- Hyperautomation capabilities

# Surging digital demand

- **500m** more apps will be created in the next 5 years than in the last 40
- **50%** of digital work can be automated with current tech

# Not enough developers



**1M** developer shortfall

**86%** of companies struggle  
to hire tech talent

~~Teach everyone~~  
~~to code~~

~~—Teach everyone  
—to code—~~

Turn everyone  
into a developer  
with low code

# The modern information worker

A man in a dark suit and tie stands in a crowded city street, gesturing with his right hand towards a woman walking away from him. The woman is wearing a white t-shirt, a dark backpack, and a white baseball cap. The background is filled with other pedestrians and city lights, creating a busy urban atmosphere.

and saved around 288 hours  
of manual input.



# Low code empowers everyone

Business Users (Citizen Developers)

IT Admins

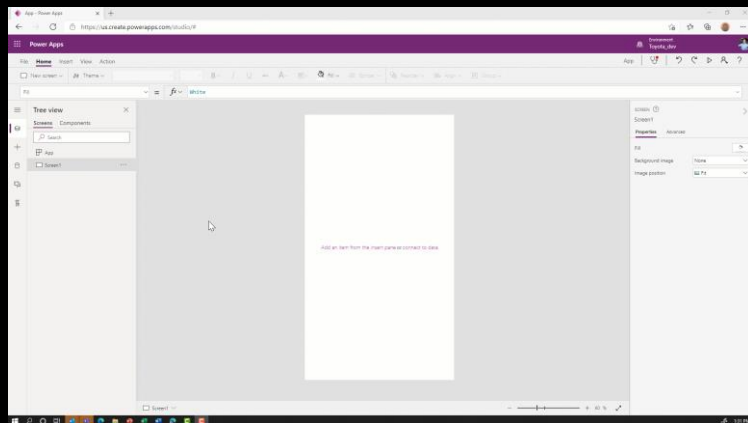
Pro Developers





## Power Apps

### A low-code approach to building apps



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

Connect to your existing data with 800+ pre-built connectors and custom connectors

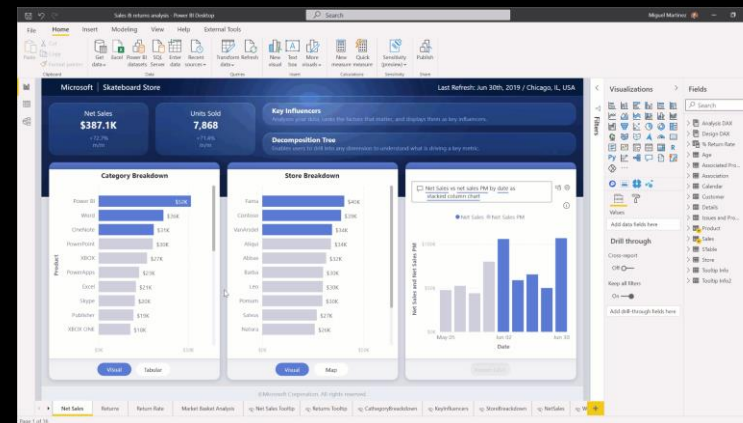
Strong enterprise governance & security

Pro-dev extensibility enable “no limits” development



## Power BI

### A low-code approach to data and AI



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

Empower every individual with familiar data experiences and AI infused insights

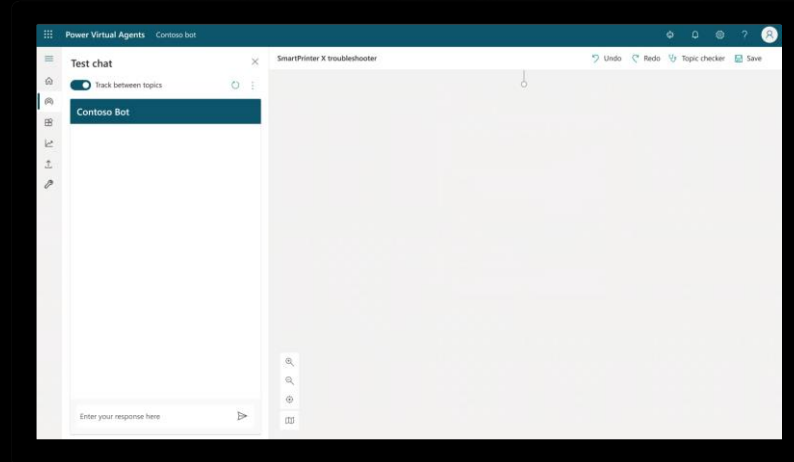
Infuse teamwork with data by weaving BI into the fabric of where you work

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



## Power Virtual Agents

A low-code approach to chat bots



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

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

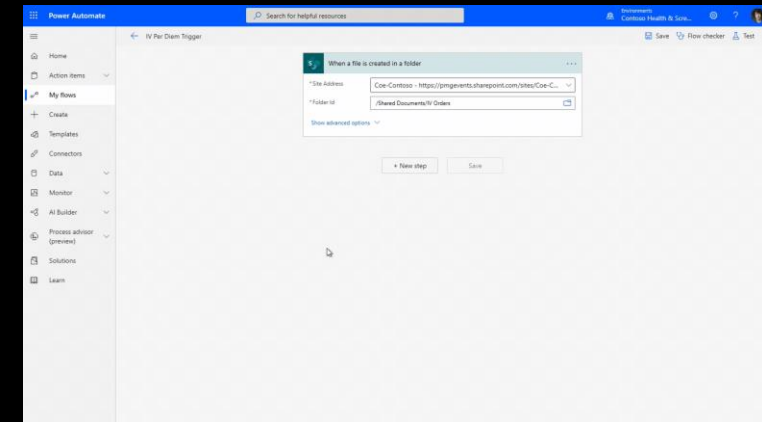
Less talk more action. Leverage all the Power Platform connectors or call APIs and custom processes using Power Automate

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



## Power Automate

A low-code approach to automation



Model business processes and automate workflows and your apps and services

Connect to all your data with 800+ pre-built connectors, RPA and custom connectors

Strong enterprise governance and security

Pro-dev extensibility with Azure and custom logic

# Pro Developers + Power Platform = No Limits



## POWER PLATFORM



Power Apps



Power Automate



Power Virtual Agents



Power BI

Every  
Developer  
(Low Code)

## AZURE SERVICES



Analysis  
Services



API  
Management



Azure  
Functions



Kubernetes  
Service



Logic  
Apps



Cognitive  
Services



Bot  
Services

Pro Developer  
(Code First)



Visual Studio

## AZURE/OFFICE DATA SERVICES



Microsoft  
Graph



Dataverse



Azure Synapse  
Analytics



Cosmos  
DB



VS Code

# Microsoft Power Platform

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



**Power BI**

Business analytics



**Power Apps**

Application development



**Power Pages**

Website development



**Power Automate**

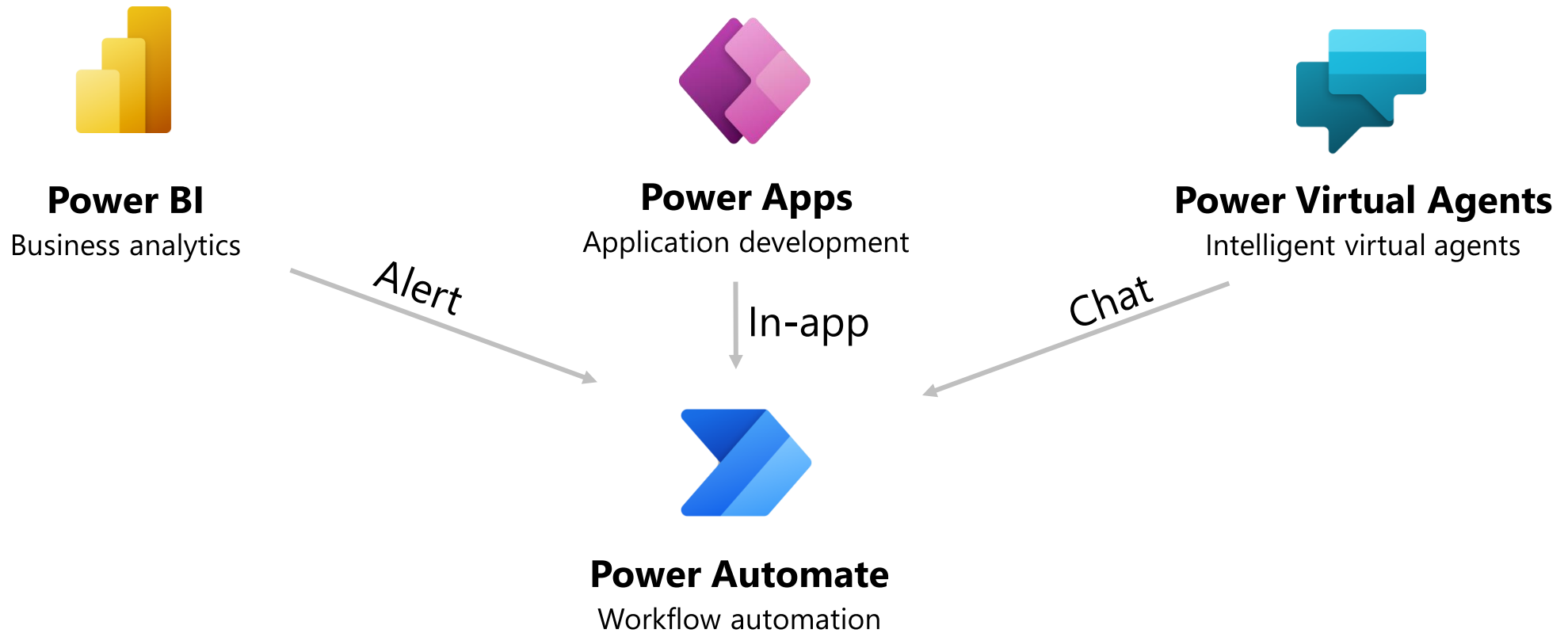
Workflow automation



**Power Virtual Agents**

Intelligent virtual agents

# Individually valuable, better together



# Coca Cola United Bottlers

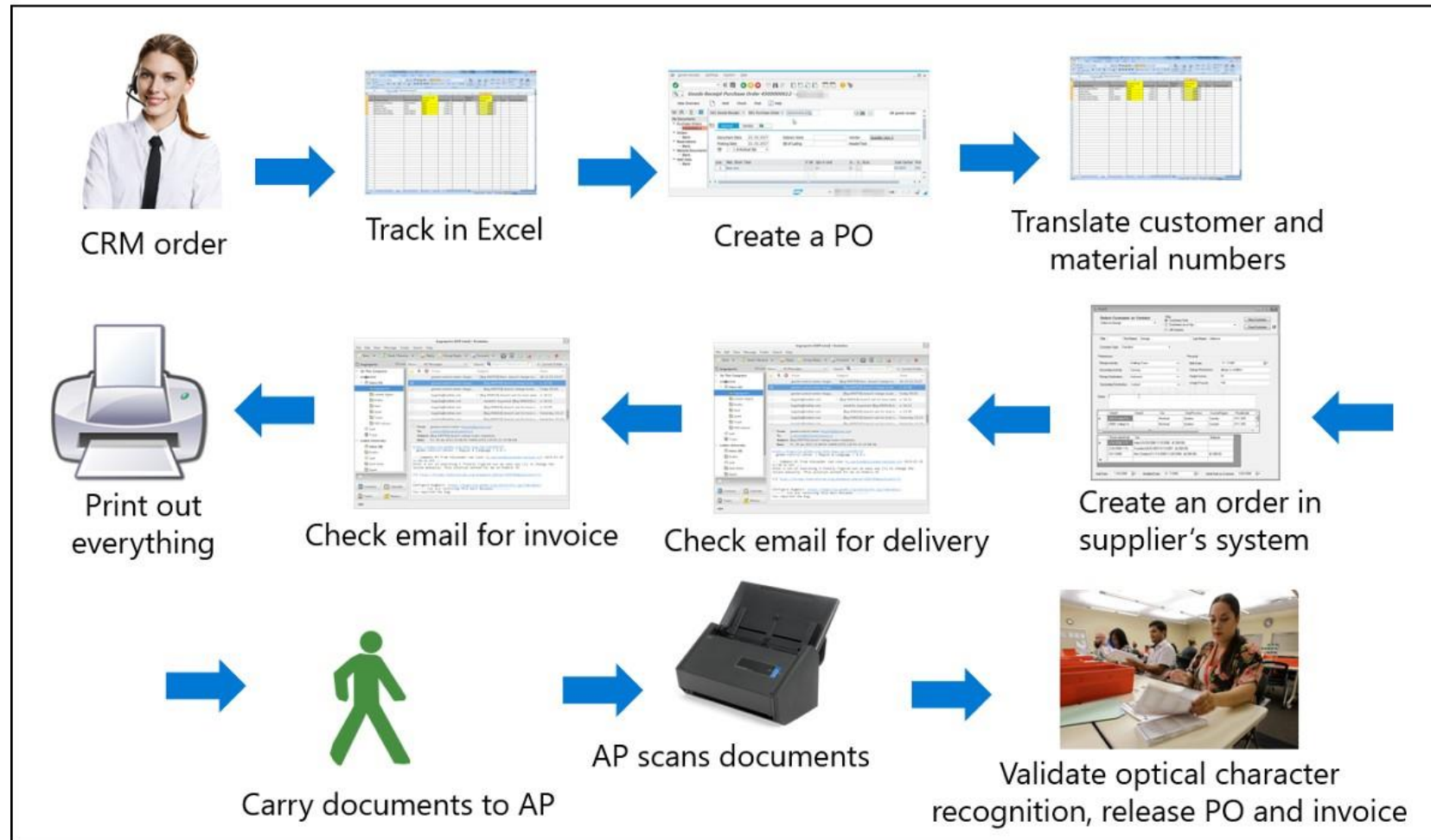
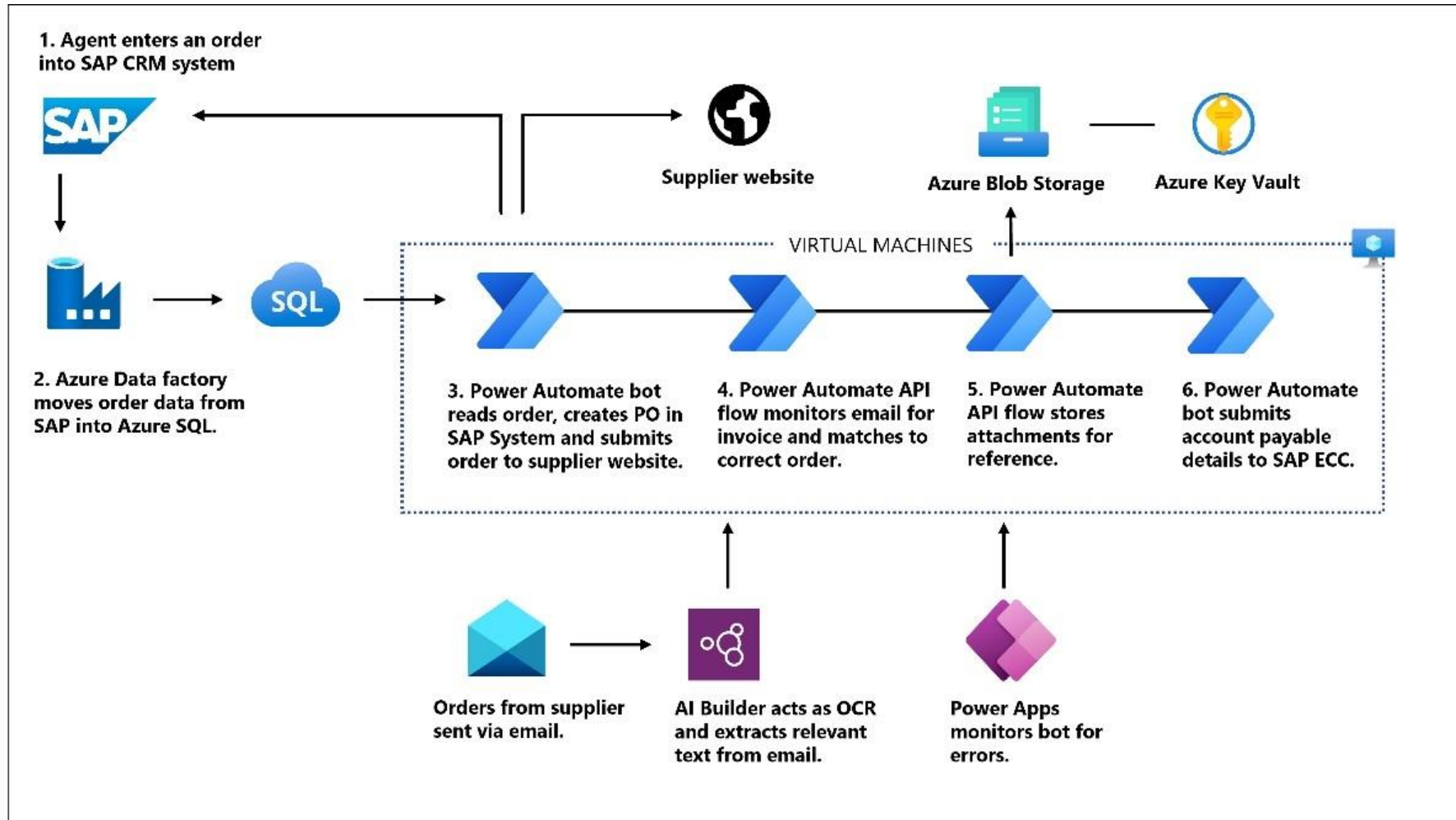


Figure 1. Manual Freestyle cartridge replacement before RPA. For larger versions of all the figures in this story, go to the Downloads section of the left-hand sidebar.

# With Power Platform



*"We avoided having to hire 10 full-time employees.  
Better still, the existing CRM agent is now free to work on other projects." – Dev Manager, BI and MDM*



# Power Automate @ Microsoft

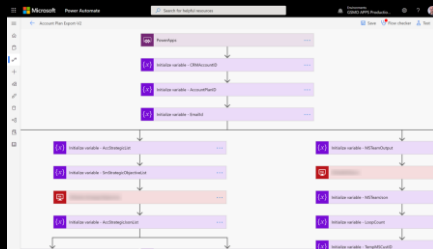


**77k+**

Power Automate MAU

**350k+**

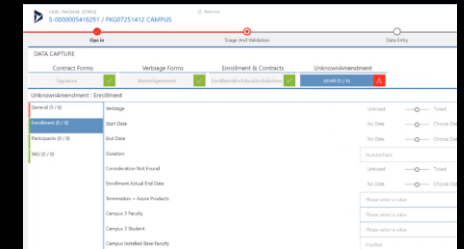
active automations



**Account planning**  
12,341  
unique users



**Nurture Dashboard Automation**  
Saving Microsoft  
\$480k / year



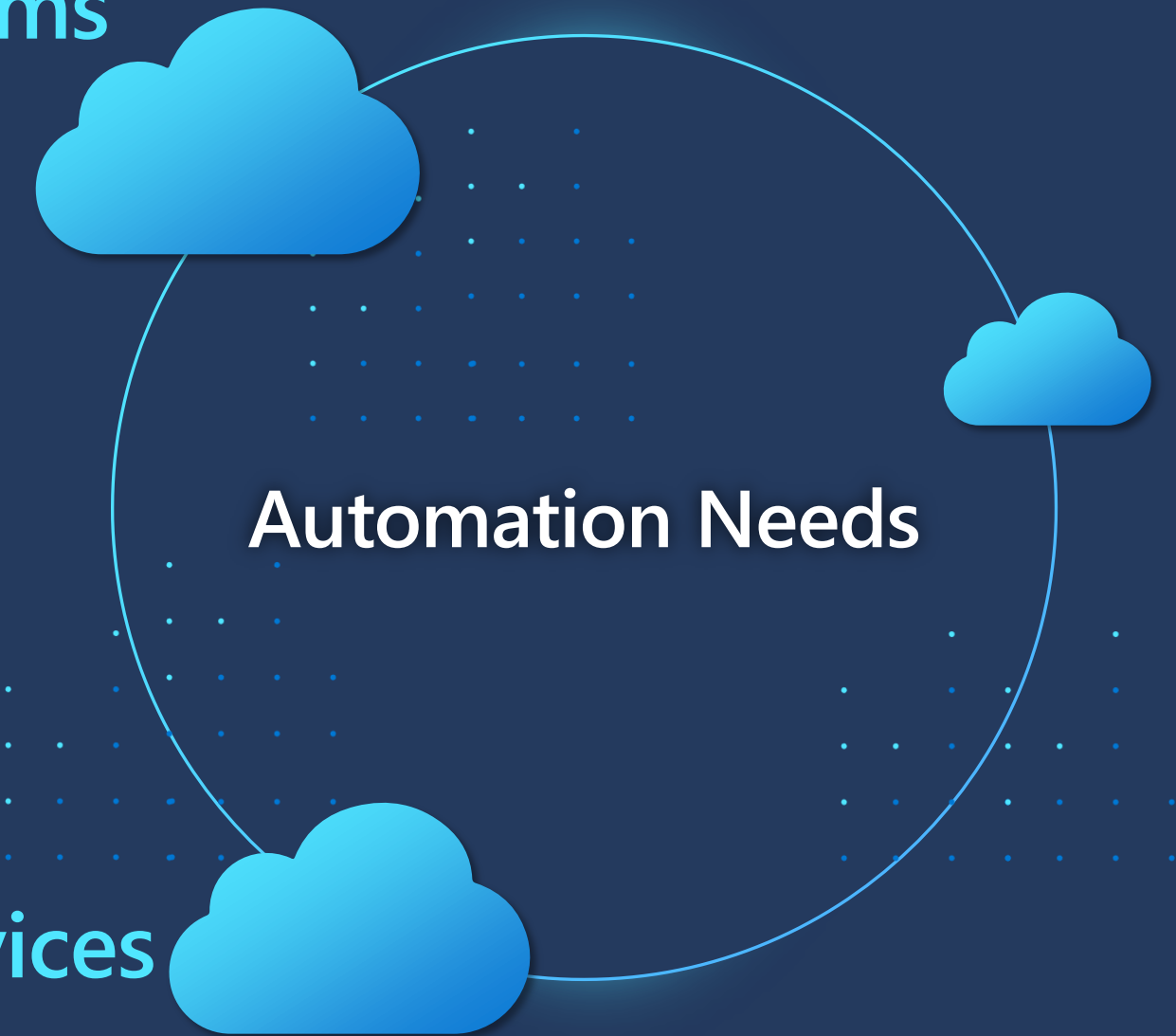
**Cosmic order processing**  
Saving Microsoft \$25  
million to \$30 million

Legacy Systems

Paper Documents

Modern Services

Automation Needs



# RPA

Automate repetitive tasks in any legacy system



The diagram features a central circle with a dotted pattern. Inside the circle, the text "Power Platform" is in white and "Hyperautomation" is in light blue. Three blue cloud shapes are positioned around the circle: one at the top left, one at the top right, and one at the bottom left. A thin white line connects these clouds in a circular path, passing behind the central circle.

## Power Platform Hyperautomation

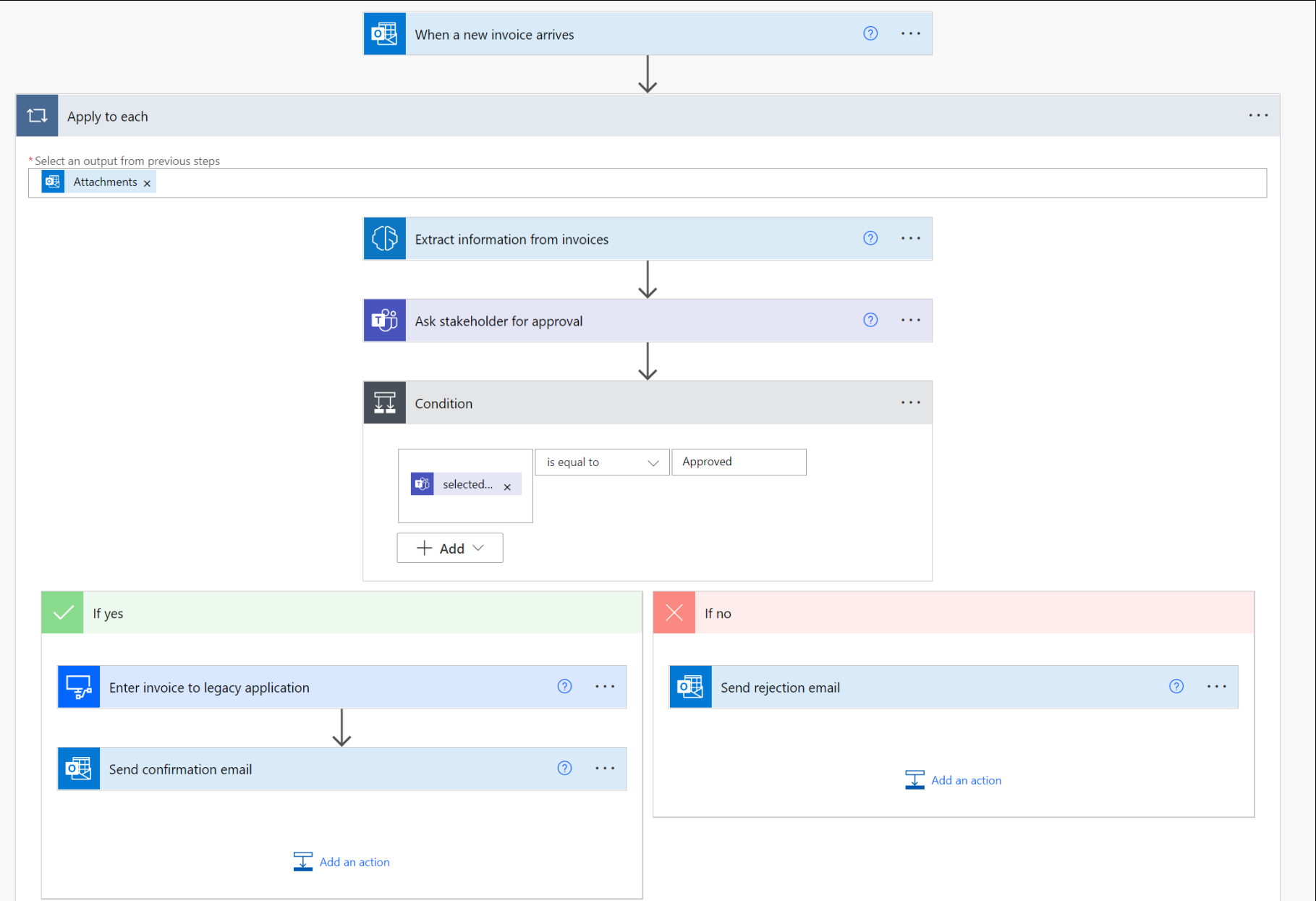
# AI

Process unstructured information from sources like paper, images or free-form emails

# Cloud flows

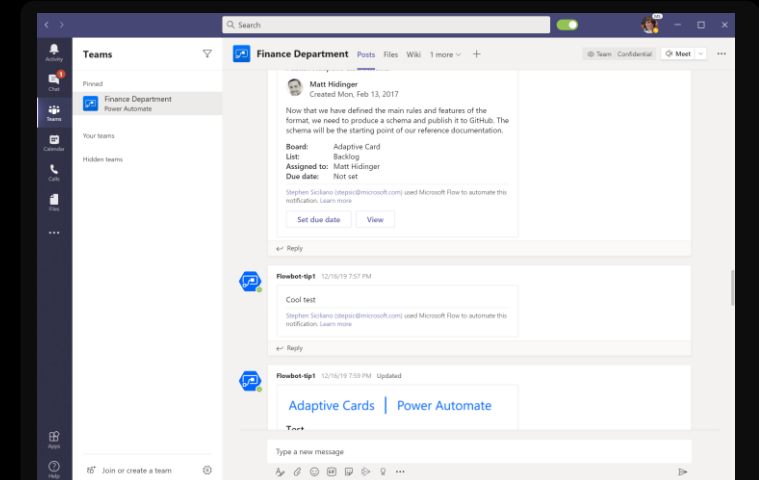
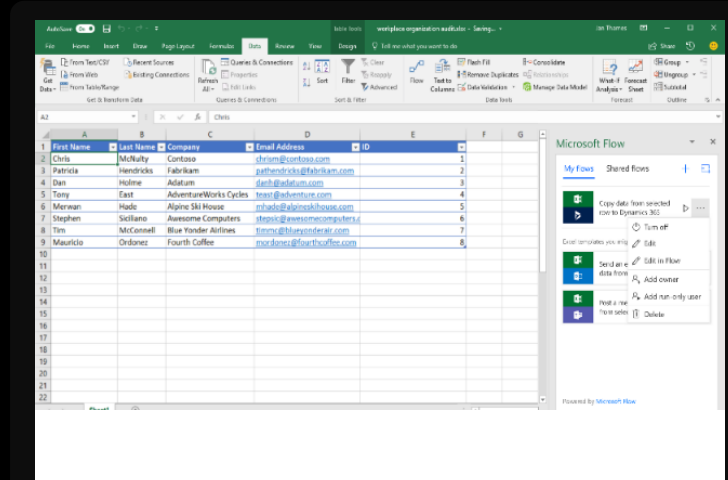
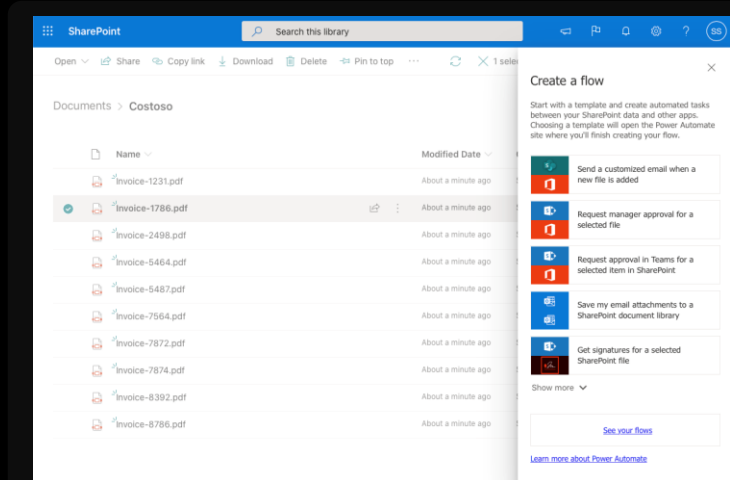
Use 750+ connectors to automate **modern** systems at global scale

# Invoice Processing With Power Automate



Capabilities

# Available where people do work



# Workflows in Teams Store

The screenshot displays the Microsoft Teams Store interface. On the left is a navigation sidebar with icons for Activity, Chat, Teams, Calendar, Approvals, Shifts, Power Automate, and the Store. The Store section is active, showing a search bar and a list of categories: All templates, Top picks, Approval, Instant, Calendar, Data collection, Productivity, Remote work, Social media, Sync, and Notifications. The main content area features a large banner titled "Save time with Workflows" with the text "Automate repetitive tasks and processes. Learn more about Workflows" and a "Manage Workflows" button. Below the banner is a "Top picks" section with four workflow cards: "Follow up on a message", "Welcome new teams members and share their bio", "Create a Planner task when a channel post starts with TODO", and "Forward emails to a channel". A "Data collection" section at the bottom shows four more workflow cards: "Notify a team when Planner tasks change status", "Notify a team of new Sharepoint list items", "Notify a team of new Sharepoint files", and "Start an approval when a response is submitted in". Each card includes an icon, a title, and a brief description of the workflow.

**Microsoft Teams** Search

**Store**

Search

**Apps**

**Workflows**

**Categories**

- All templates
- Top picks
- Approval
- Instant
- Calendar
- Data collection
- Productivity
- Remote work
- Social media
- Sync
- Notifications

**Save time with Workflows**

Automate repetitive tasks and processes.  
[Learn more about Workflows](#)

Manage Workflows

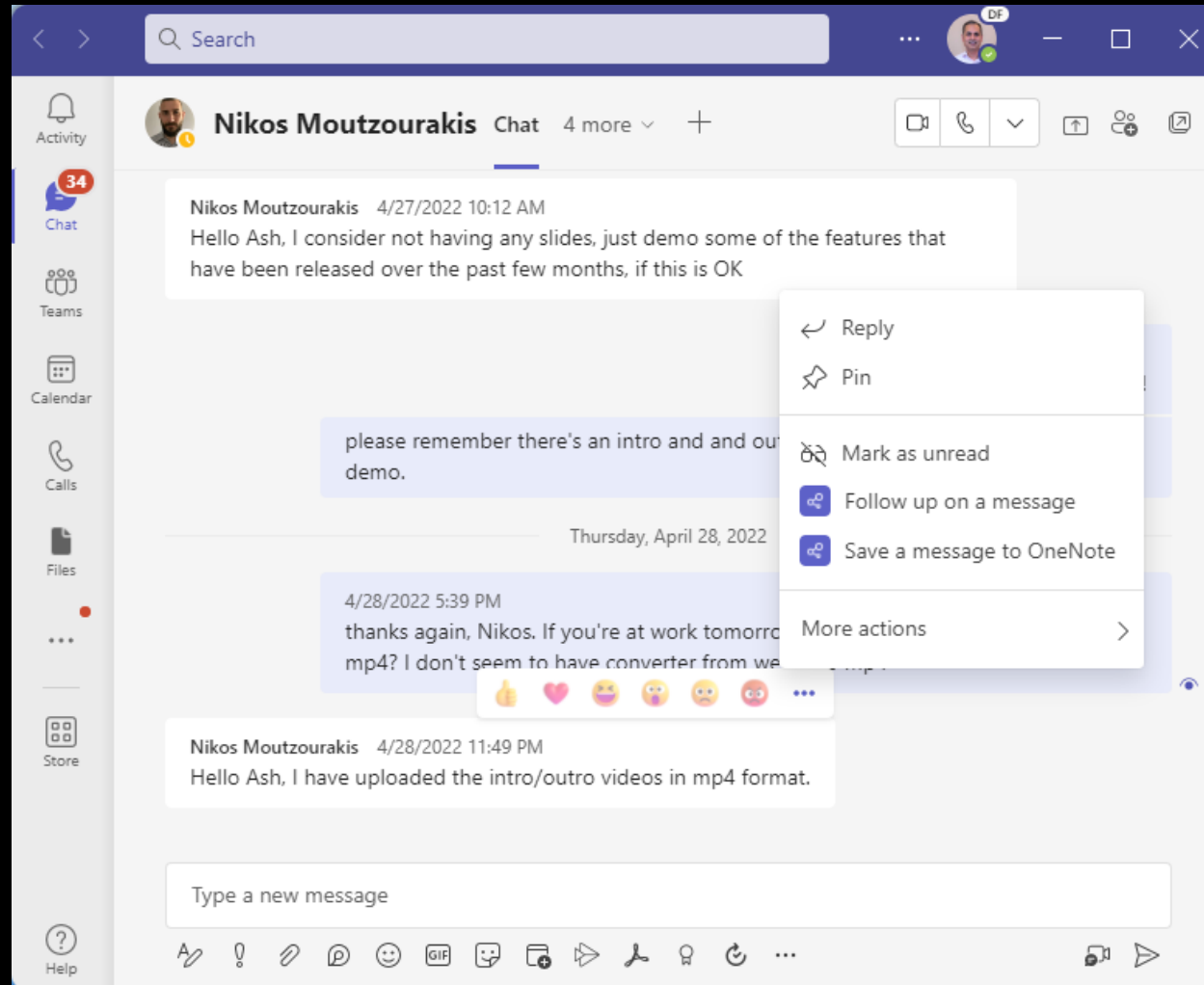
**Top picks** See all

- Follow up on a message**  
Get reminded to follow up on a message at a time you choose.
- Welcome new teams members and share their bio**  
Send a message to new team members requesting a bio. Once submitted, post a welcome message and their bio to a...
- Create a Planner task when a channel post starts with TODO**  
Automatically create a new task when a channel post starts with the keyword 'TODO'.
- Forward emails to a channel**  
Post new emails to a specific address to a channel.

**Data collection** See all

- Notify a team when Planner tasks change status**
- Notify a team of new Sharepoint list items**
- Notify a team of new Sharepoint files**
- Start an approval when a response is submitted in**

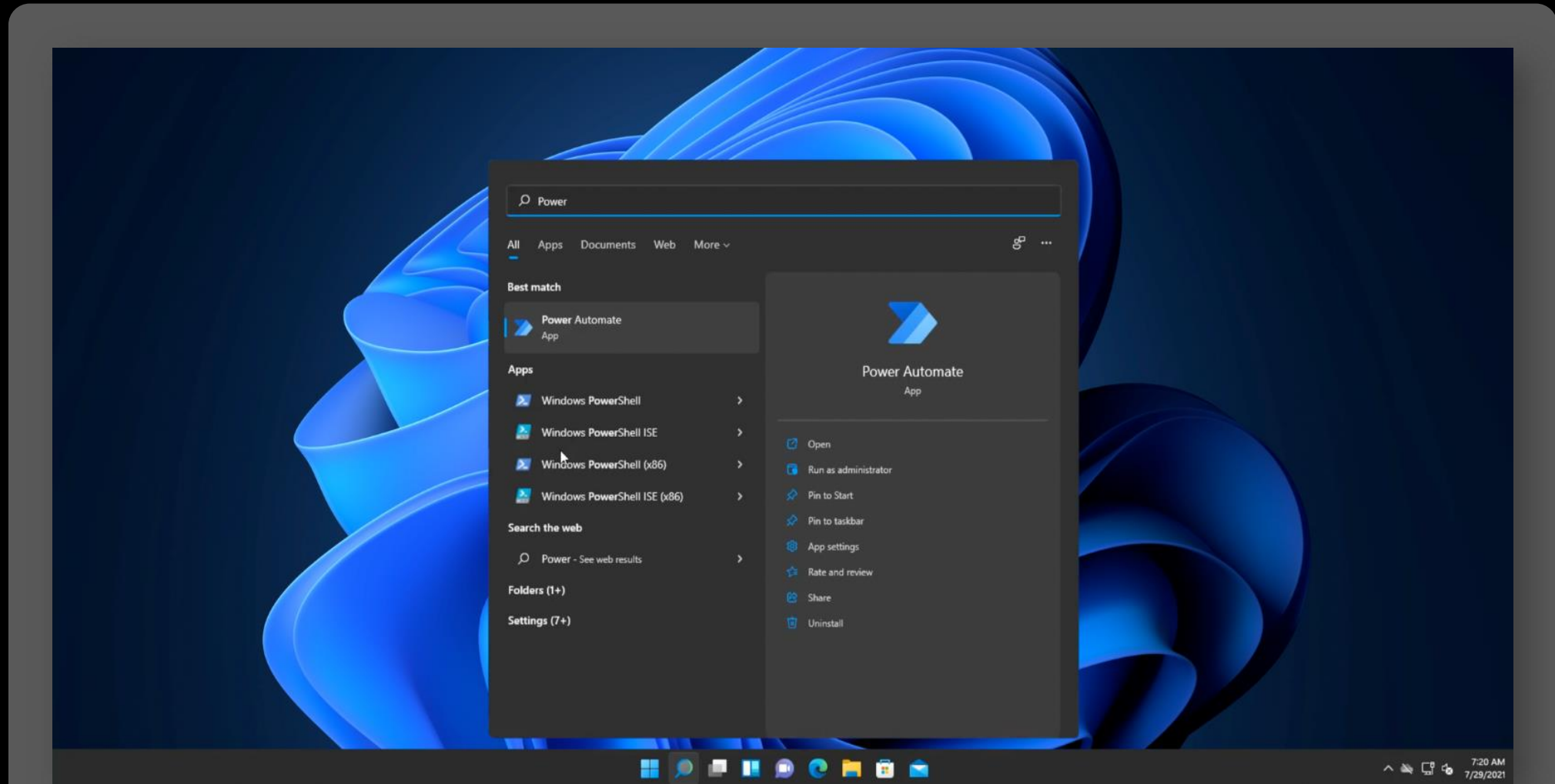
# Automation at your fingertips





# Power Automate in Windows 11

Windows 11 users can begin using Power Automate for desktop right from the Start menu





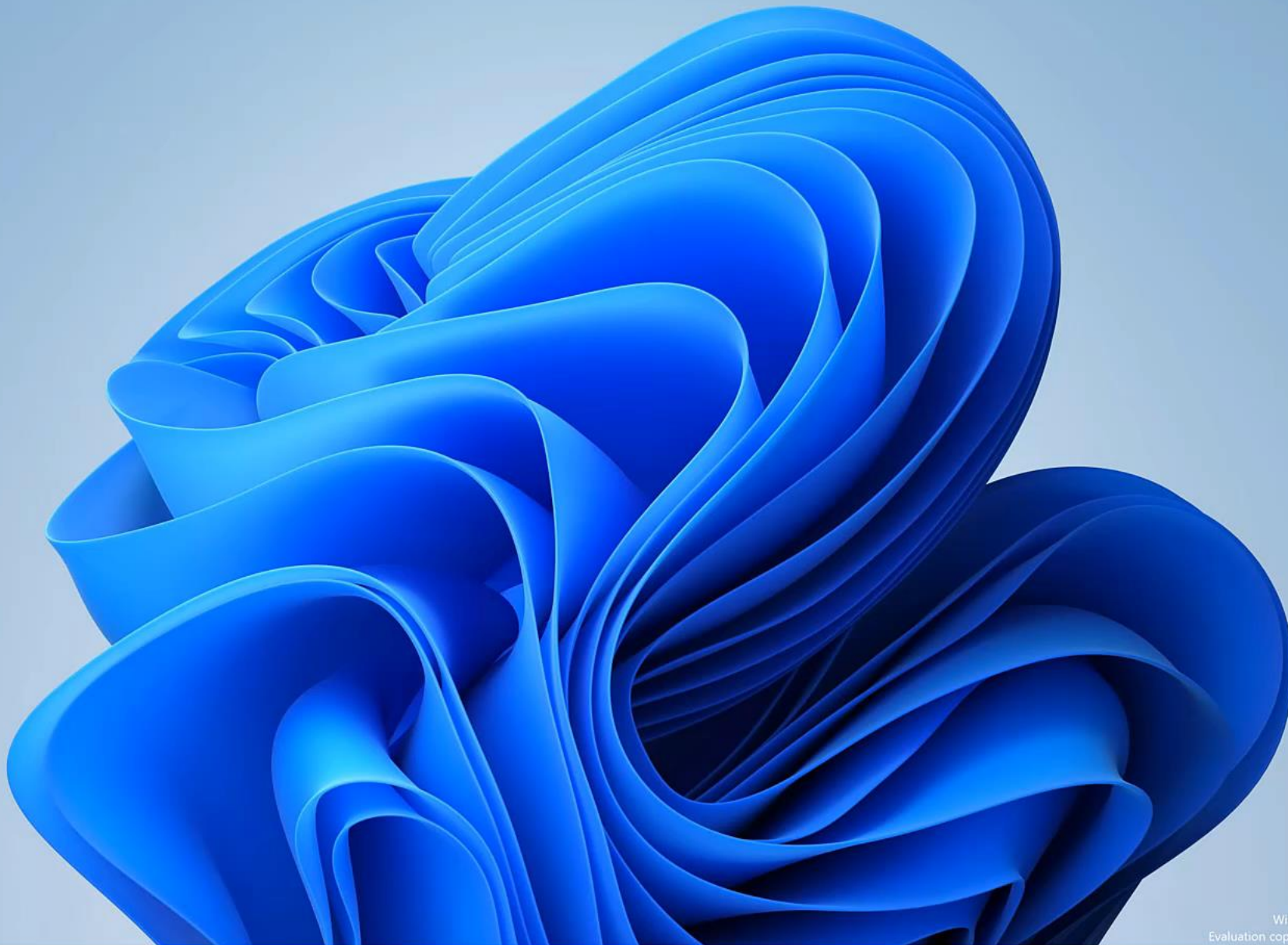
Recycle Bin



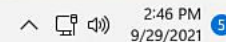
Contoso  
Invoicing



Invoices for  
contostoxlsx



Windows 11 Enterprise Insider Preview  
Evaluation copy, Build 22455.rs\_apps.210907-1400



2:46 PM  
9/29/2021



# Hosted RPA bots

Now in Public Preview

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True RPA as a Service solution

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Auto-scaled unattended bots available within minutes

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Seamless setup and orchestration

- No need to install or register Power Automate for Desktop
- Bots are easily assigned to different workloads

New machine group

Machine group type

☐

Standard machine group

☒

Hosted RPA bots (preview)

Machine group name \*

Bots for finance automation

Description

Bots used for unattended finance automation

Max number of bots

8

Image source \*

Windows 11 pro

[Learn more about VM images for hosted RPA bots](#)

Username \*

botaccount

Password \*

.....

Confirm password \*


.....


[Learn more about hosted RPA bots](#)


Create

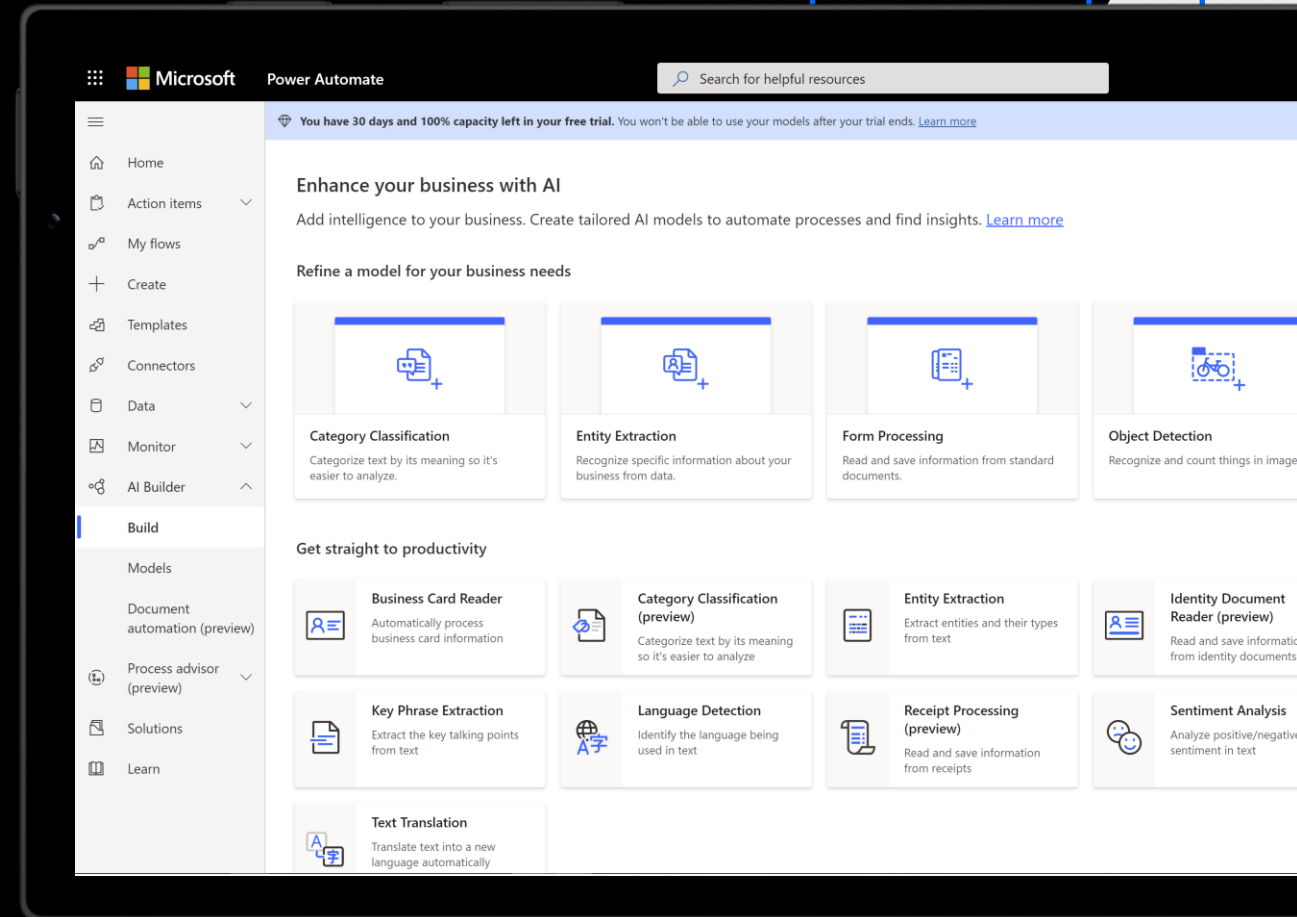
Cancel

# Build intelligent experiences with AI Builder

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

 Embed AI without the help of a data scientist.

 Build robust, dynamic automations and application experiences.



# Unstructured document processing

Contoso, Ltd. 4567 Allen St. Buffalo NY 98052 http://www.contoso.com 555-0123		<b>INVOICE</b>  1791003	
Bill to: Wingo Toys 587 Forest St M01 80554 555-5652		Date: Nov 03, 2021 Due Date: Nov 18, 2021 Balance Due: <b>\$49.91</b>	

Item	Qty	Amount
Complete golf set, Left handed Rate: \$360.00	01	\$360.00
Portable clip-on umbrella Rate: \$27.44	01	\$27.44
Microfiber Golf Towels 3 Pack Rate: \$16.41	01	\$16.41
Golf Tees 25 Pack Rate: \$4.97	02	\$9.94
Subtotal:		\$443.79
Tax (2%):		\$8.88
Shipping:		\$1.90
Total:		\$454.96

*Thank you for your business!*

[illegible]

## Structured / Semi-structured

Documents where fields, tables, checkboxes are always in the same place for a given layout

Examples: invoices, delivery orders, tax forms, medical tests

## Coming Soon to Govt. cloud

[illegible][illegible]

# Unstructured

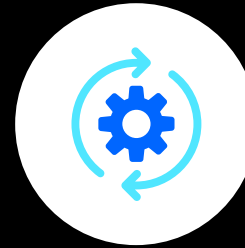
Free-form format documents  
where there is no set structure  
Examples: contracts, statement of work, letters, etc.

# Understand and Streamline how you work



## Task mining

Discover possibilities for automation for individual workflows



## Process mining

Identify company-wide bottlenecks and inefficiencies in workflows



# Task Mining

Capture your desktop actions and analyze for insights



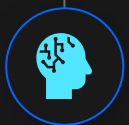
Set up new processes and identify automation opportunities.



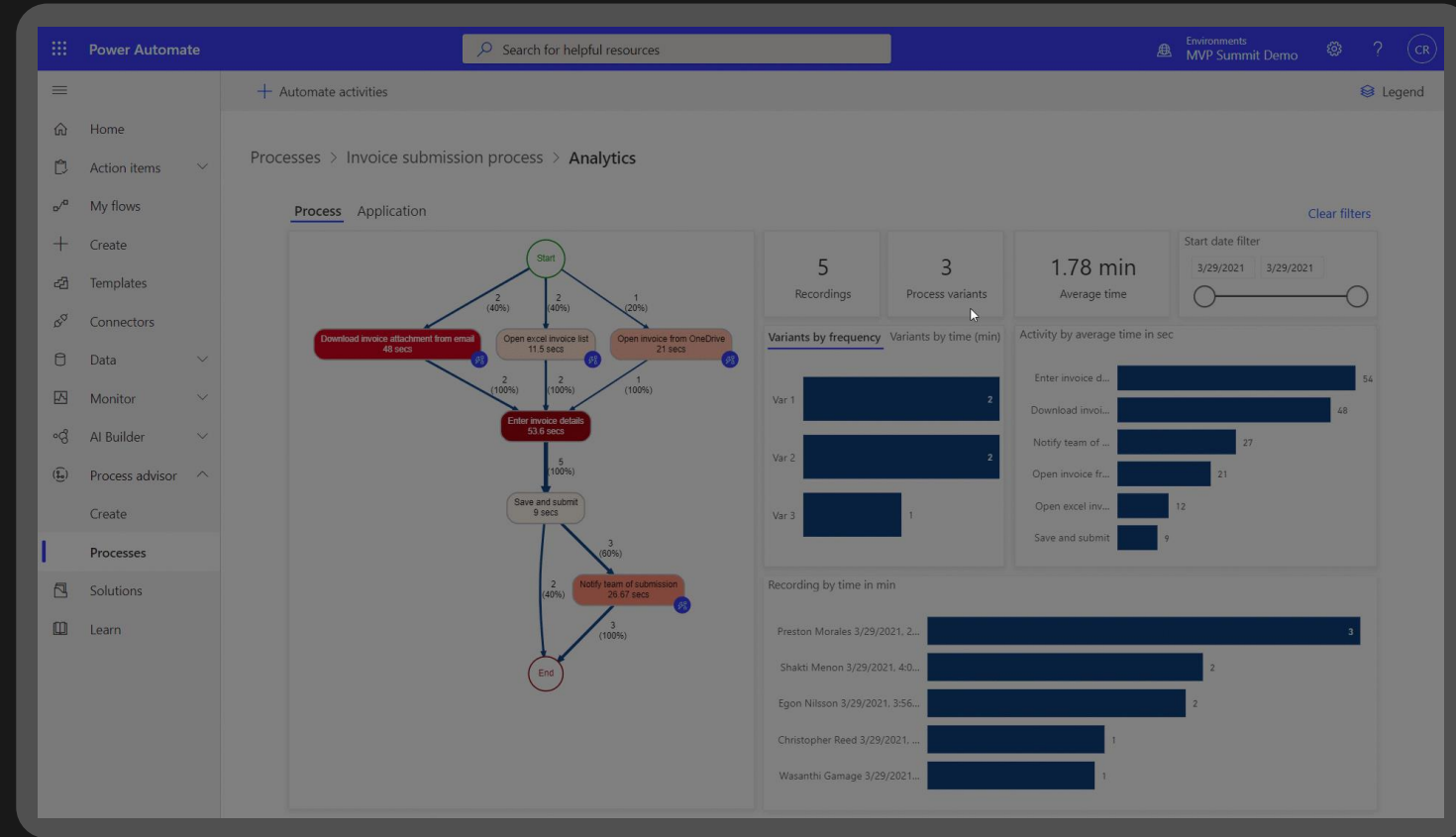
Record the process actions.



Generate a process map to analyze for insights.



Use insights & recommendations to begin automating.



# Process Mining

Understand inefficiencies and streamline your processes



Connect, transform, and upload data from a wide variety of sources.



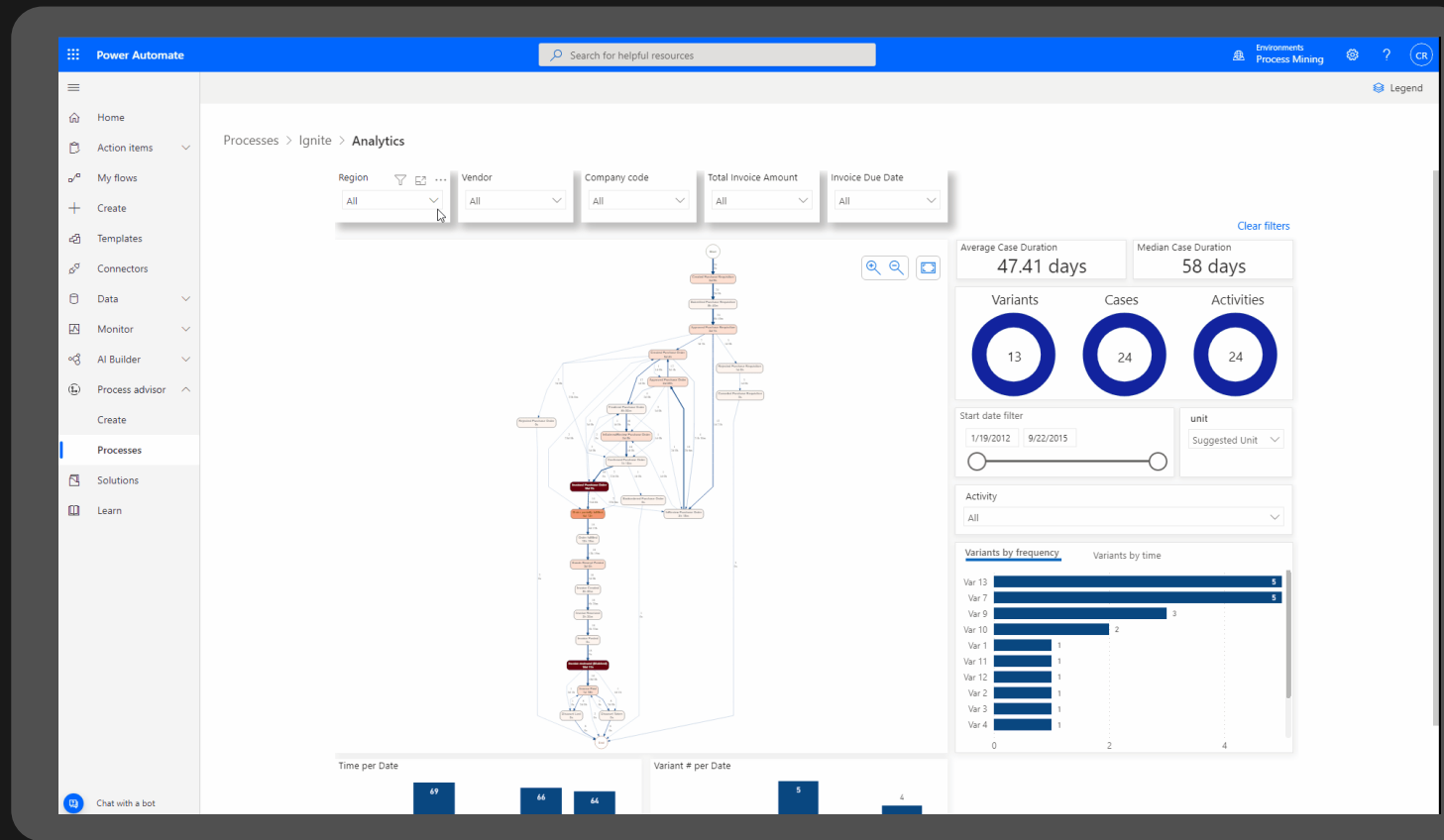
Visualize your processes with process maps.



Gain insights with analytics & receive recommendations.

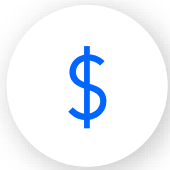


Understand complex business processes across your organization.





# Microsoft's Automation Offering



## Disruptive pricing

Free for individual use for Windows 10 users, built-in to Windows 11. **Disruptive licensing** enables wider adoption  
Faster to build, cheaper to run & maintain

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## Trusted and scalable

**Enterprise vendor**, integration with management tools and practices at enterprise scale  
Robust security, administration and governance

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## Automation is not an island

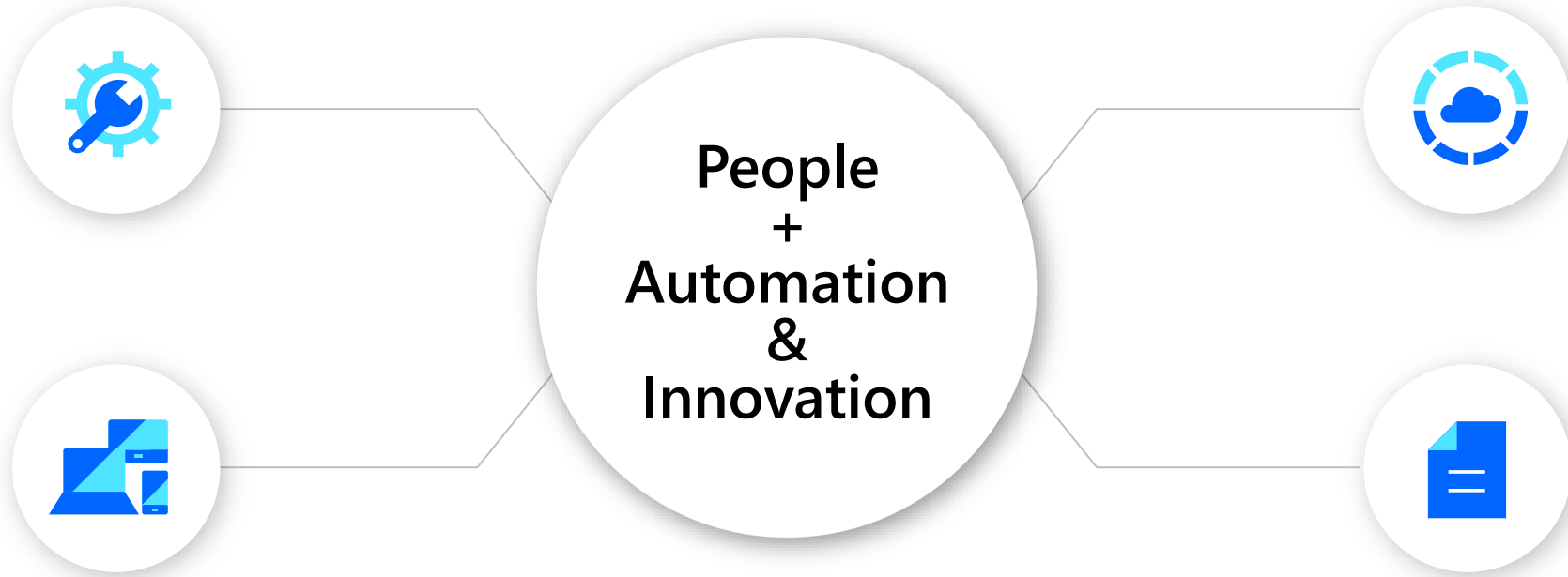
Seamlessly include automation in new experiences like Dashboards, Applications & Chatbots  
Native integration with Office, Teams, Dynamics and Azure,  
Out of the box connectors to 1<sup>st</sup> and 3<sup>rd</sup> party services and support for custom services

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## Comprehensive cloud automation solution at planet scale

Deliver the world's **most comprehensive SaaS-based low code intelligent automation and RPA** solution  
Scale from citizen developers to enterprise COEs, designed for fusion teams  
Built on world leading capabilities and foundation



# Empower your people to focus on what matters most

Take care of what's important. Automate the rest.

Thank you.