

# Ottawa Power Platform User Group

November 26th, 2019



# Agenda



Welcome, networking



2:00 – 2:30pm What's New with the Power Platform?



2:45 – 3:30pm Integrating Power Automate with Dynamics 365 and Protecting your data, Todd Mercer



3:45 – 4:30pm Building enhanced user experiences with Canvas Applications, Alex Shlega



4:30 - ??? Power Platform Happy Hour



#PPHH

# POWER PLATFORM HAPPY HOUR

ALL WELCOME

*ask - connect - share*



- Bier Markt
- 5pm Reservation
- 3 min walk

# Power Platform User Group



Introductions



User groups world wide



Plan to meet once a month (Next meeting January 2020)



Please let us know if you have something to share!



Feedback? Best time to meet? Where to meet?

# Announcements & Upcoming Events

Next Power Platform User Group Ottawa – January 2020

Canadian Dynamics 365 User Group

User Group Summit Europe – Barcelona March 9th-12th, 2020

Microsoft Business Applications Summit – April 20-21, 2020  
Anaheim, California

365 Saturday

- Calgary May 2nd
- Toronto May 8<sup>th</sup>
- Montreal May 9<sup>th</sup>
- Quebec City June 20<sup>th</sup>
- Ottawa ?

User Group Summit North America October 6<sup>th</sup> – 9<sup>th</sup> 2020



# What's New with the Power Platform

# Hundreds of new features and improvements

- Details on each platform area
- Updated as release progresses

<https://aka.ms/businessappsreleaseplan>

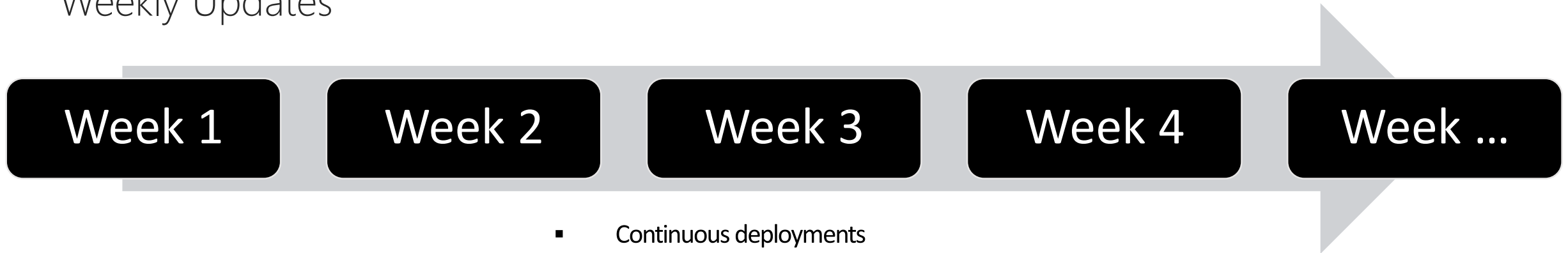
Microsoft Power Platform

2019 RELEASE WAVE 2 PLAN

Features releasing from October 2019 through March 2020

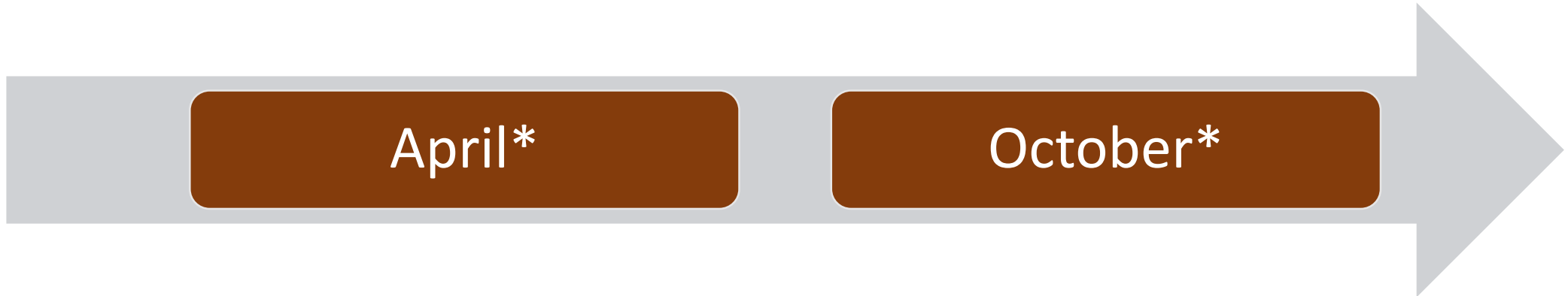
# Update / upgrade process for online

## Weekly Updates



- Continuous deployments
- Backwards compatibility
- Safe deployment practices

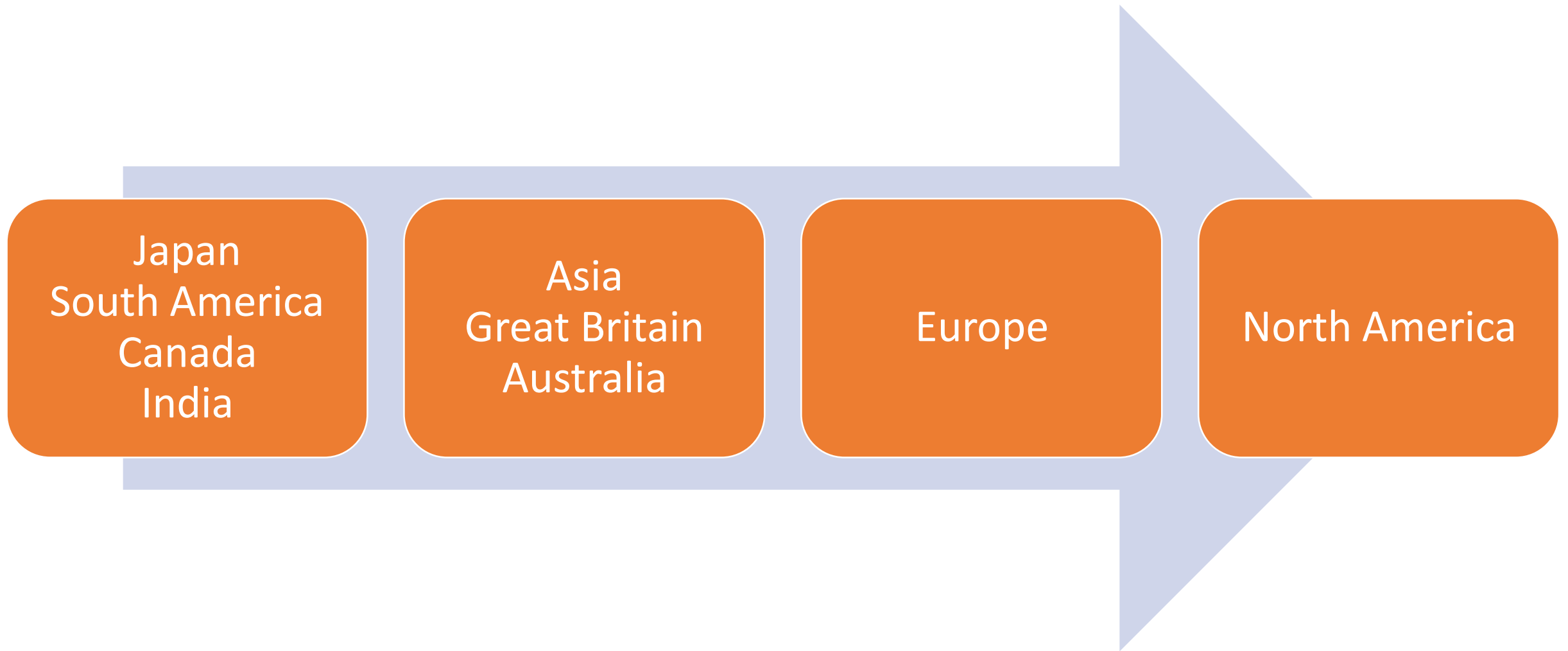
## Feature Updates



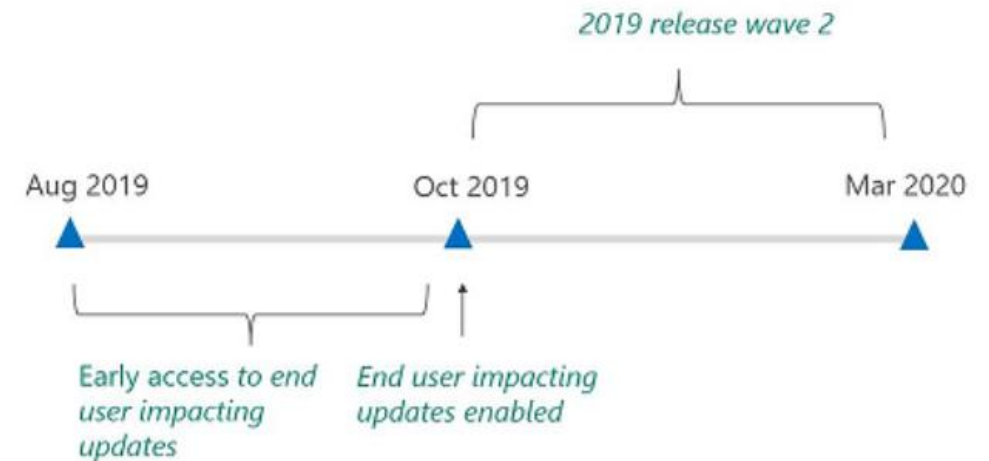
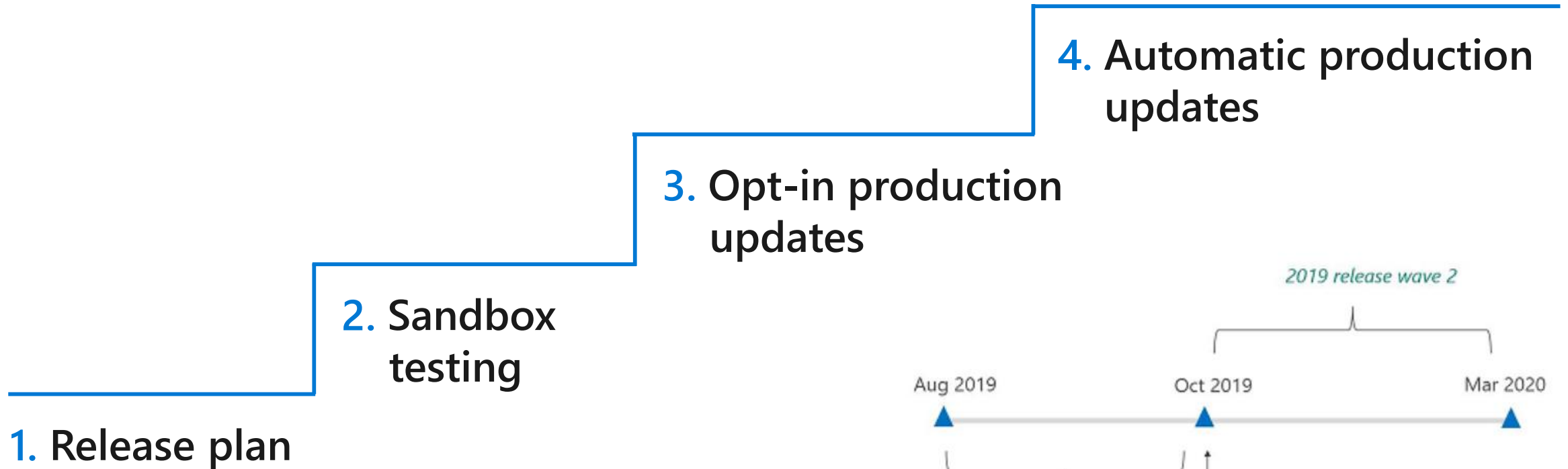
\*the release cycles begin in April and October



# Deployment Schedule



# Getting ready for major updates



One version

<https://aka.ms/businessappsreleaseplan>

# Opting in

Power Platform Admin center (preview)

Environments > dymb400

Details		
Environment URL	State	Region
[redacted].crm.dynamics....	Ready	North America
Type	Security group	
Production	Not assigned	

Version

Database version: 9.1.0.8226

Updates

2019 release wave 2  
Off  
[See what's included](#)

## Updates

### 2019 release wave 2

Update now and your end users get new features in:

- PowerApps and Platform
- Dynamics 365 Sales
- Dynamics 365 Customer Service
- Dynamics 365 Marketing

All updates will happen at once.


[See What's included](#)

[Update now](#)

This can't be undone. Performance may be impacted while you update (it could take a few hours). [Learn more](#)

<https://docs.microsoft.com/en-us/power-platform/admin/preview-october-2019-updates>

# Stay up-to-date with weekly releases

 Filter by title

Microsoft Power Automate

Microsoft Power Apps

## Released versions for Power Apps

11/10/2019 • 5 minutes to read • 

### Latest version availability

Power Apps is not available in all regions at once. Instead, each version is made available incrementally in different region world.

Region	Common Data Service	Power Apps Studio and Power Apps Mobile	Make.PowerApps.com and App.PowerApps.com
Preview (United States)	9.1 19111	3.19111	19.22
Canada	9.1 19104	3.19104	19.21
India	9.1 19104	3.19104	19.21
Japan	9.1 19103	3.19104	19.21
South America	9.1 19104	N/A	N/A
Asia Pacific	9.1 19103	3.19104	19.21
Australia	9.1 19103	3.19104	19.21
United Kingdom	9.1 19103	3.19104	19.21
Europe	9.1 19102	3.19104	19.21
United States	9.1 19101	3.19104	19.21
US Government (GCC)	9.1 19101	3.19103	19.21

### All Common Data Service versions

Version	First available	Worldwide availability
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<https://aka.ms/PAWeeklyReleaseNotes>



# 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



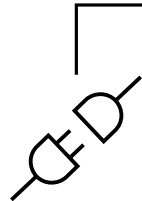
## Power Automate

Process automation

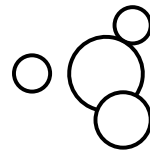


## Power Virtual Agents

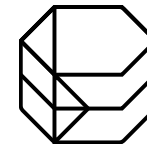
Intelligent virtual agents



**Data  
connectors**



**AI Builder**



**Common  
Data Service**

# Microsoft Power Platform momentum

**>3M**

Monthly active developers on the Power Platform

**>700%**

Power Apps growth in production apps in the last year

**>300%**

Power Apps growth in monthly active users in the last year

**>25M**

Data models hosted in the Power BI service

**97%**

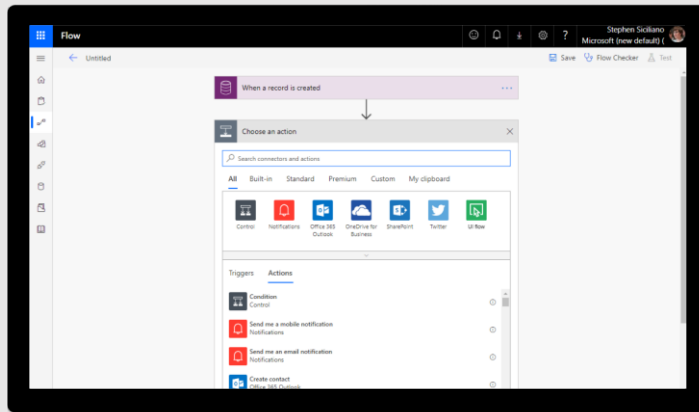
of Fortune 500 companies using Power BI

**>25B**

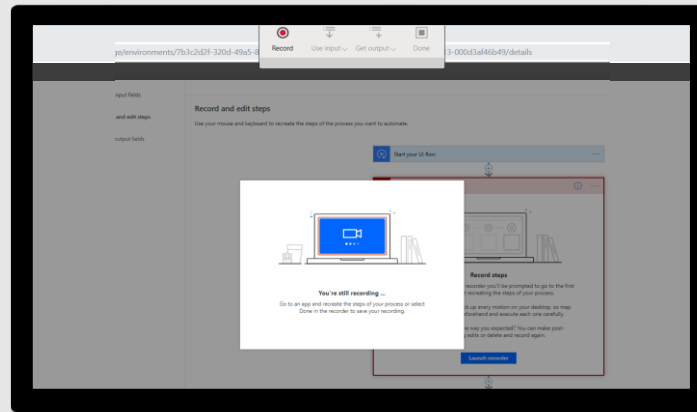
Power Automate steps run each day

# Power Automate adding Robotic Process Automation

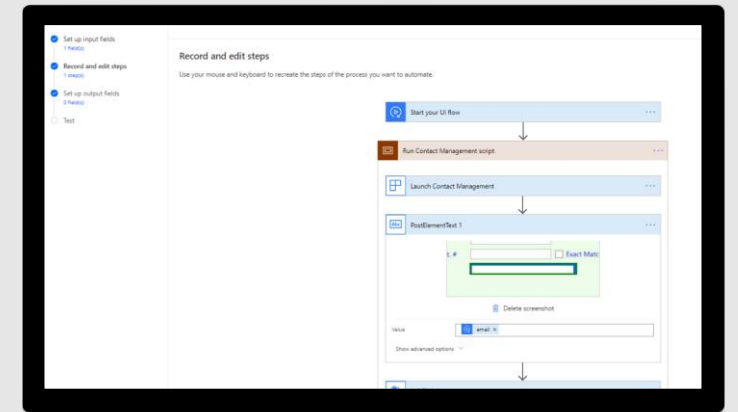
UI flow *Public Preview*



**UI Flows connector**



**Record steps**



**Easy to edit**

# Microsoft Power Virtual Agents



**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.

The screenshot displays the Microsoft Power Virtual Agents interface. On the left, a sidebar menu includes 'Home', 'Topics', 'Entities', 'Publish', 'Analytics', and 'Manage'. The main area is divided into two panes. The left pane, titled 'Bot', shows a chat conversation with a user 'luca@email.com'. The bot's responses include identifying the user's printer model and offering to look up the issue. The right pane, titled 'SmartPrinter X troubleshooter', shows a flowchart for handling printer issues. The flowchart starts with a 'Condition' block (confirming the printer model), followed by a 'Question' block (asking if the user wants to look up the issue). Depending on the user's response, the flowchart branches into two paths: one leading to a 'Message' block (confirming the lookup) and another leading to a 'Redirect' block (redirecting to a printer status page).



# AI Builder



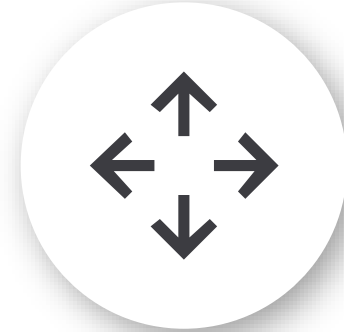
## Easy to use

Guided point and click AI applications



## Empowering

AI for every skill level



## Extensible

Embedded within the Power Platform and Dynamics 365



No need to manage AI infrastructure & complexity



Security, compliance, user roles

# Power Apps Portal – What is it?



Low code solution for creating multilingual, responsive websites for users external to your organizations as well as internal employees.



Use any of the commercial or enterprise login providers like Azure AD B2C, Microsoft Account, LinkedIn, etc or even allow anonymous access.



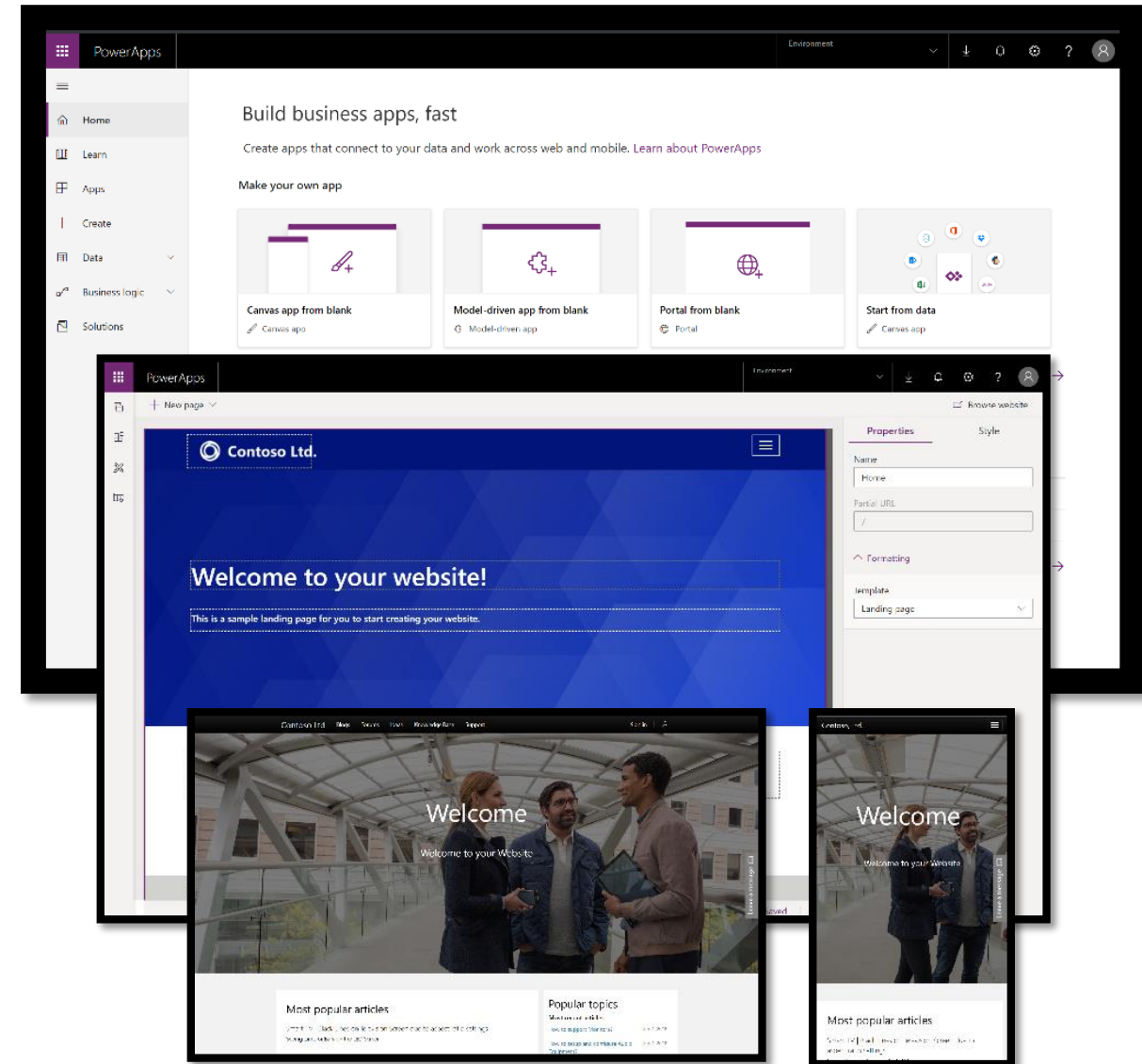
Use WYSIWYG designer to create website content and enrich with CDS/Dynamics data using familiar constructs like forms, views, charts, dashboards.



Pro dev extensibility and templating capabilities to address complex business processes.



Use prebuilt templates like Customer Self Service, Partner Management, Community Self Service or create your own portal.



PowerApps

☰

Home

Learn

Apps

Create

Data

Entities

Option Sets

**Dataflows**

Connections

+ New dataflow

Dataflows

Name

Customers

Draft - Products and Orders

Financial Data

Oldest Customer

Sales and Customer Entities

New Dataflow



Name \*

Options

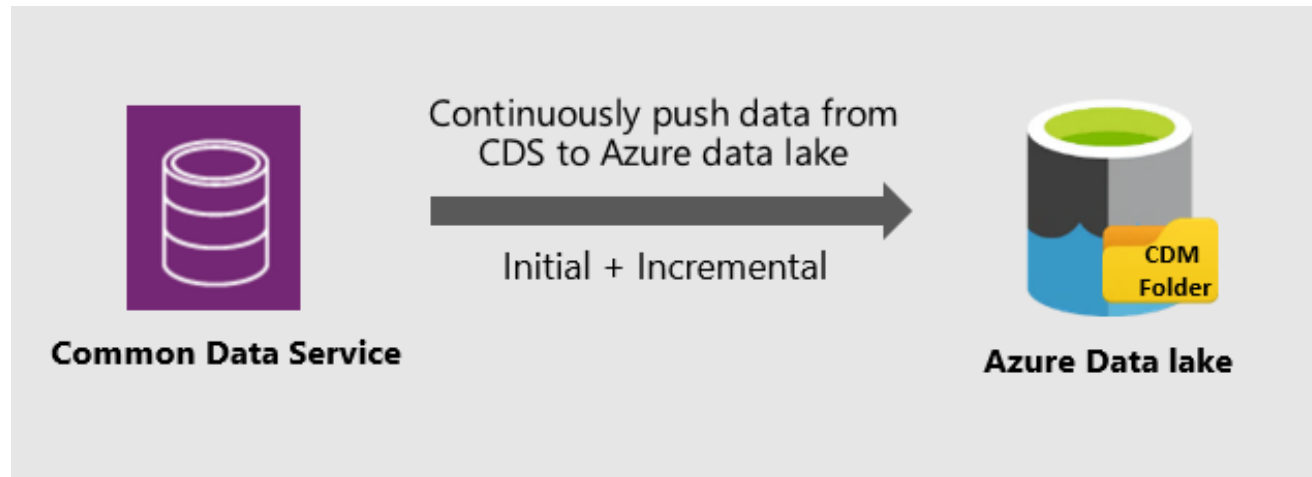
☐ Analytical entities only (Preview) ⓘ

Dataflows allow users to extract, transform and load data from a wide range of data sources that can be used from PowerApps, Flow and analytics. [Learn more](#)

Create

Cancel

# Export CDS to Azure Data Lake (preview)



Ability to link Common Data Service environment to Azure data lake



Simple and intuitive user interface to enable and administer



Operationalize entities for analytics



Data and metadata initial and incremental (true incremental)



Support for standard and custom entities



Support for create, update and deletes



Continuous snapshot updates for large analytical scenarios



Push based writes (Vs. Pull)



Data partitioning



# How to Keep Up?



Don't try...



Focus on your project requirements or interests



Review the Release Plans



Review Microsoft Docs/MS Learn



Dynamics weekly:

<https://www.dynamicsweekly.com/>