

Microsoft Power Platform - PowerApps



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Account Technology Strategist – Passion for Power Platform

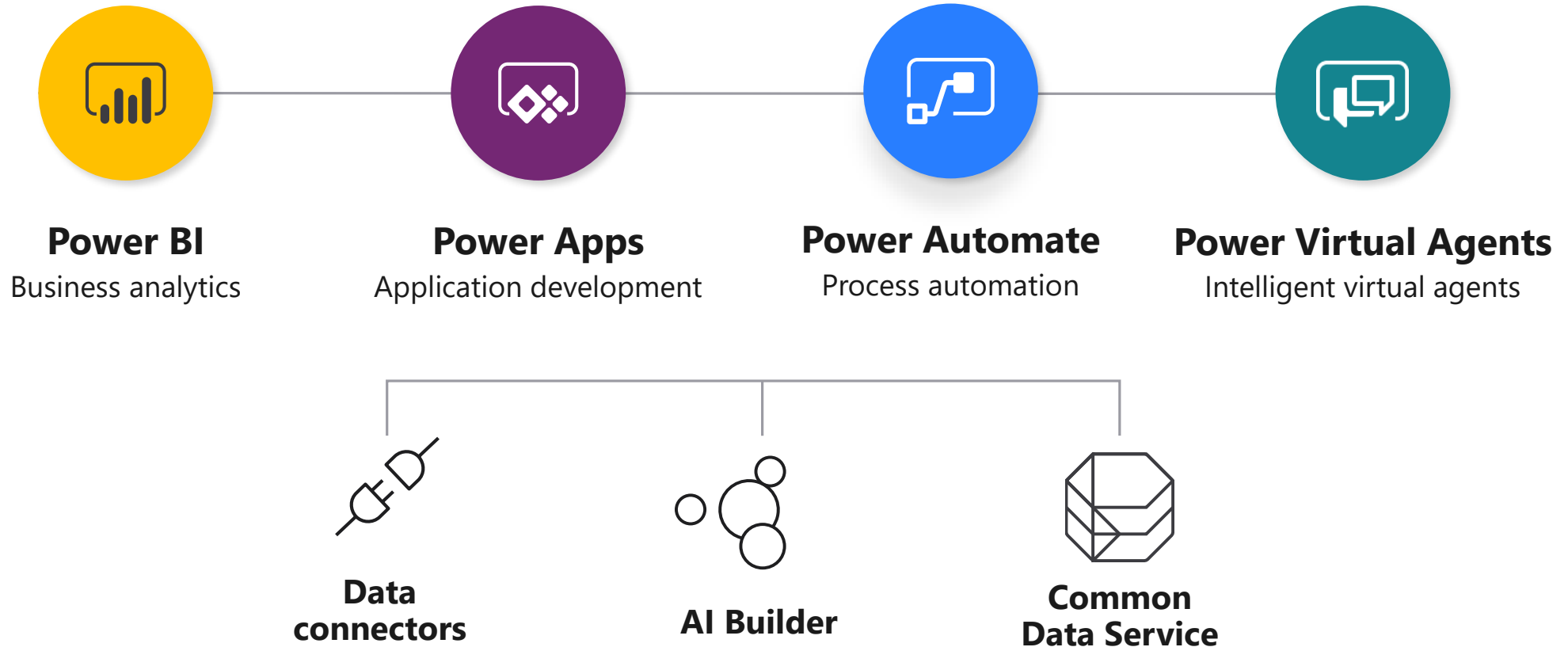
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Microsoft Power Platform

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



PowerApps Mission

Empower every developer to do more.

Citizen Developers.

IT Developers.

Pro Developers.



Success with the Power Platform is about Grit not intelligence!



Our mission...

Not only are we empowering a community of makers to achieve more..

1.4M

Active community members

91K

User group members

100K

In-person conference attendees

389K

Users submitting ideas

409

Independent user groups

26K

App/Dashboard in a Day attendees



Our mission... includes governance!

Not only are we empowering a community of makers to achieve more..

1.4M

Active community members

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App/Dashboard in a Day attendees



But we are also committed to **empowering admins** with full visibility and the tools they need to **balance business productivity with governance**

“Microsoft 365, Dynamics 365, and the **Power Platform**, on top of what we’re doing with Azure, is the core of what we are doing as a company.”

--Satya Nadella, in January 2019



'Low-Code' Becomes High Priority as Automation Demands Soar

CIOs are expanding the use of tools that let noncoders create applications

<https://www.wsj.com/articles/low-code-becomes-high-priority-as-automation-demands-soar-11573775663>



PowerApps Momentum

>485B

API calls for Common Data Service last month

1.5+ PB

relational data for Common Data Service

>700%

growth in PowerApps production apps in the last year

>2.5M

Monthly Active Developers on the Power Platform

>300%

growth in PowerApps Monthly Active Users

>400

new features and improvements

PowerApps: a low-code approach to building apps



Easily build apps with a full featured low-code / no-code platform



Connect to your existing data with 250+ pre-built connectors and custom connectors



Store your data in the Common Data Service



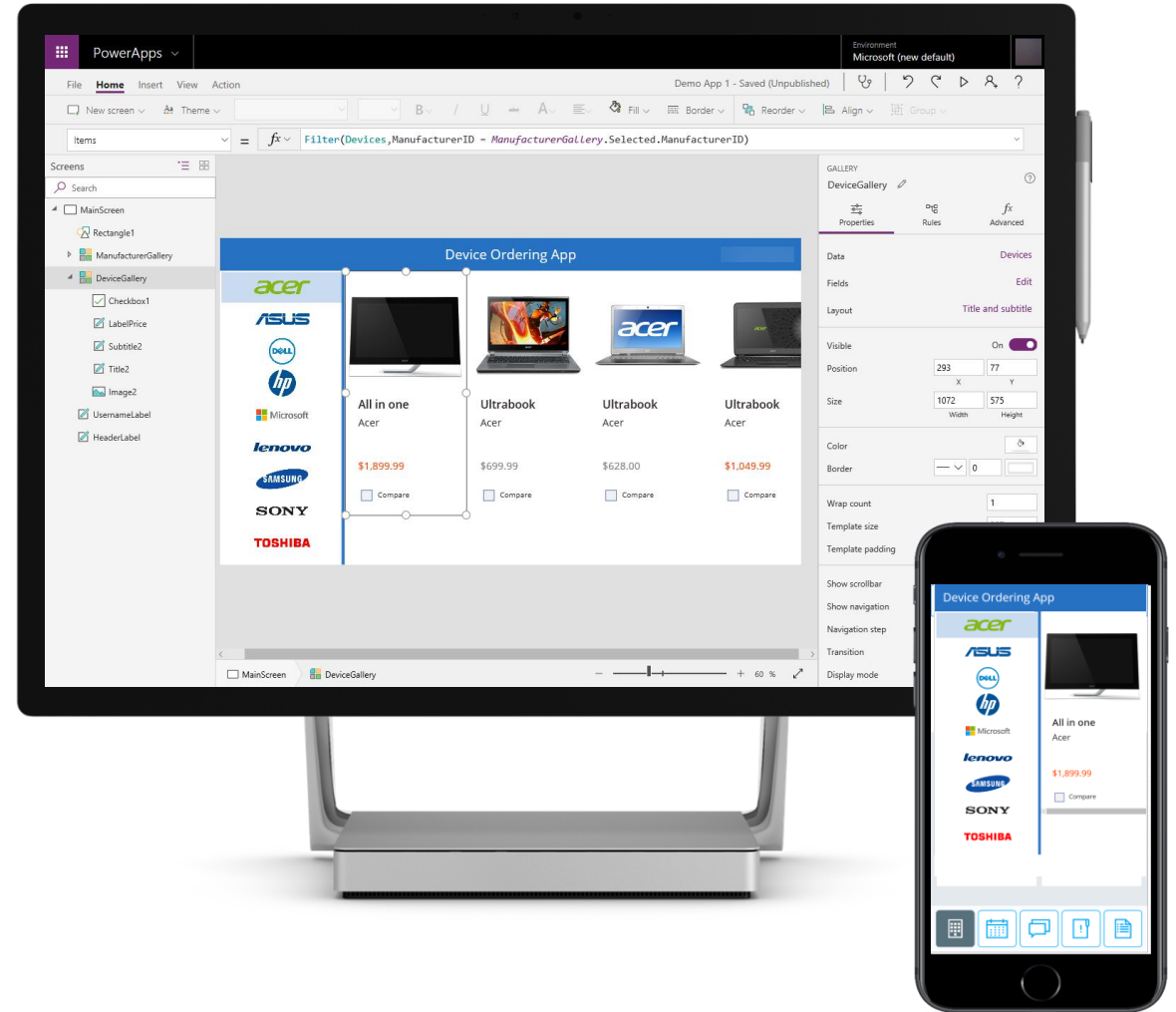
Integrated with Office 365, Azure, Dynamics 365, and Power BI



Strong enterprise governance & security



Pro-dev extensibility



Demo – What does the User Interface Look Like

The screenshot shows the Microsoft PowerApps Studio interface. The ribbon at the top includes 'Home', 'Insert', 'View', and 'Action' tabs. A search bar is located in the top right. The left pane shows a 'Tree view' with a search bar and a list of controls. The main canvas displays a 'BrowseGallery1' control with a search bar and a list of contact items. The right pane shows the 'Properties' for 'BrowseGallery1'. Numbered callouts (1-9) highlight the following elements:

- 1: Home tab on the ribbon
- 2: Search bar in the top right
- 3: Search bar in the Tree view
- 4: Search bar in the gallery
- 5: Tree view pane
- 6: Gallery control on the canvas
- 7: Properties pane
- 8: Canvas zoom slider
- 9: Canvas zoom percentage (50%)

The screenshot shows the Microsoft Visual Studio interface. The main window displays XAML code for a page layout. The code defines a grid with two rows: the first row contains a back button and page title, and the second row contains the rest of the page layout. The interface includes a Solution Explorer, Properties window, and Output window. The XAML code is as follows:

```
<!-- This grid acts as a root panel for the page that defines two rows:
- Row 0 contains the back button and page title
- Row 1 contains the rest of the page layout
-->
<Grid Style="{StaticResource ITWritingBlogLayoutRootStyle}"
      <Grid.RowDefinitions>
        <rowDefinition Height="140"/>
        <rowDefinition Height="*"/>
      </Grid.RowDefinitions>
```

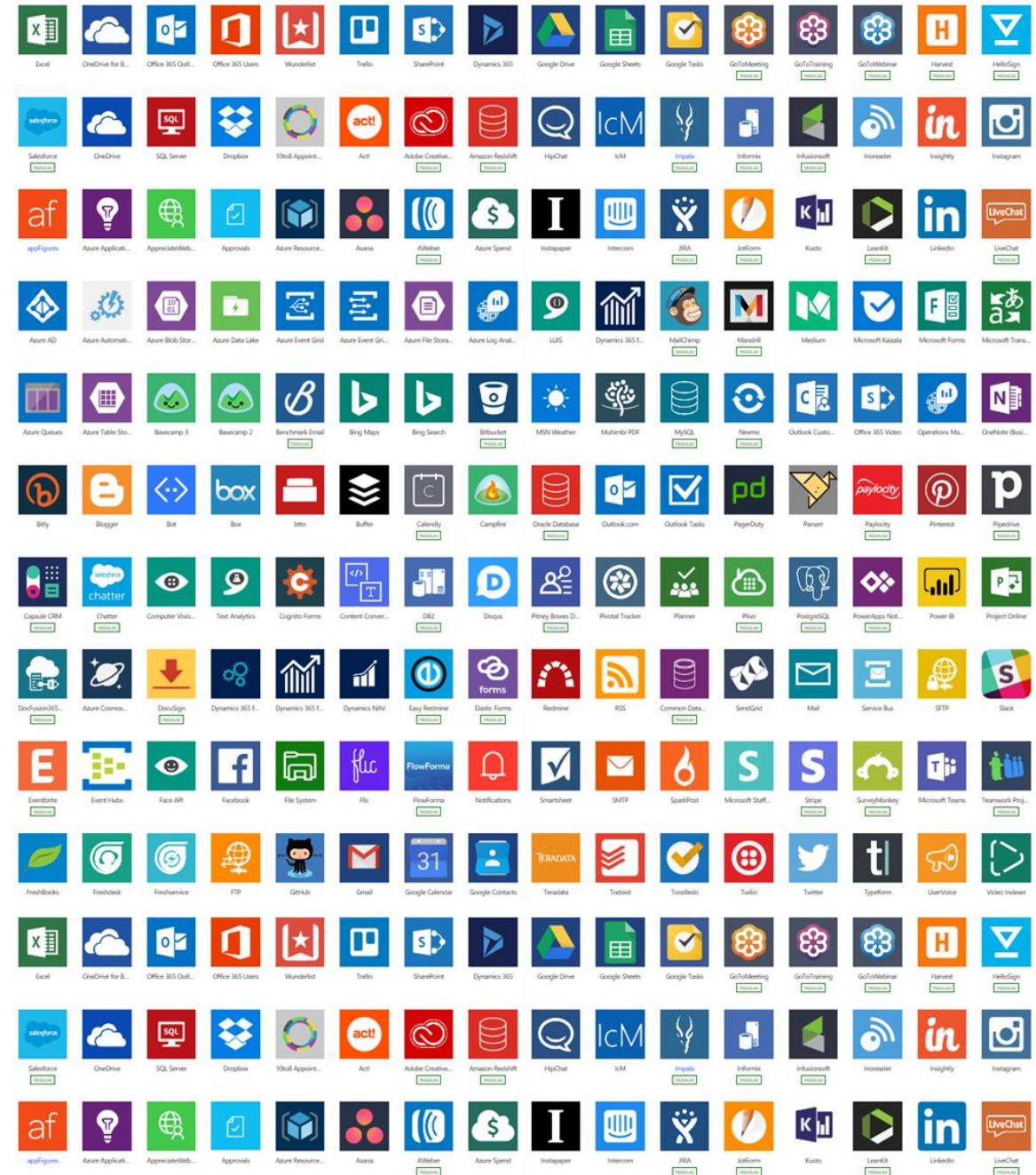
Demo – Doing some CRUD

230+ built-in connectors + custom connectors

Seamless hybrid connectivity to on-premises systems via the On-Premises Data Gateway

Custom Connector support allows the registration of developer / IT systems as a building block for citizen developers

Use multiple data sources in a single application for processes that span systems.



Demo – Powerful Connectors

AI Builder: intelligent apps and processes



Low code AI solutions for Power Platform leveraging the power of Microsoft AI



Bring your data from CDS, ADLSv2 or 230+ pre-built connectors and custom connectors



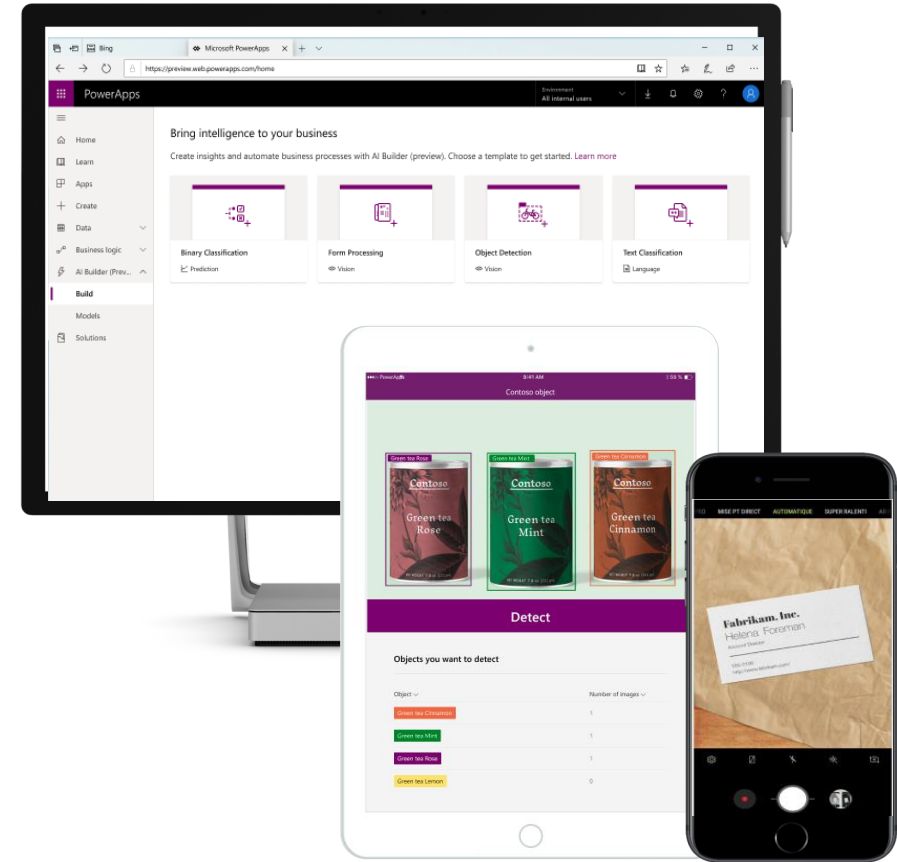
Customize Dynamics 365 AI offerings to specific schema and processes with AI Builder



Predictions available in Common Data Service for Power Platform and Dynamics



Pro-Dev extensibility and governance



PowerApps Portals: Engage with your customers



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 Microsoft Account, LinkedIn, Azure AD B2C etc or even allow anonymous access.



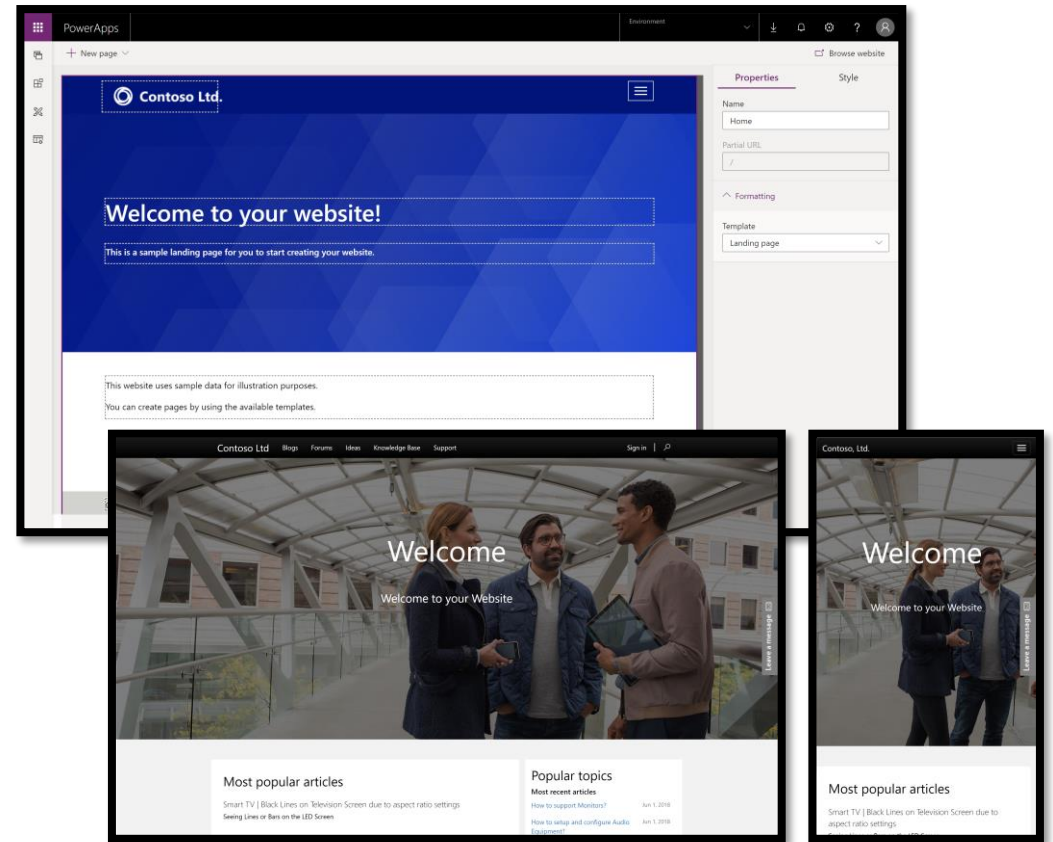
Use WYSIWYG designer to create website content and enrich with CDS/Dynamics data using familiar constructs like forms, views, charts, dashboards.



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



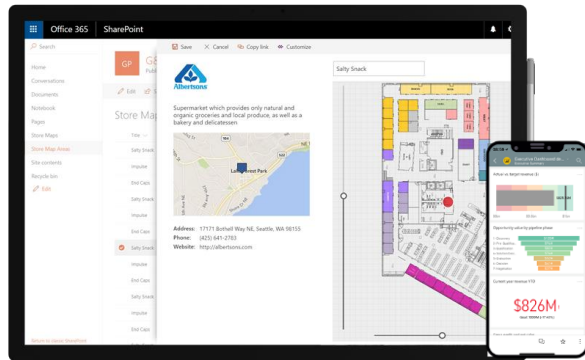
Use prebuilt templates like Customer Self Service, Partner Management, Event Management, Community Self Service or create your own portal.



Customize, extend, and build all the apps you need

Seamless Dynamics 365, Office 365, and Azure integration along with connectors to more than 200 data sources

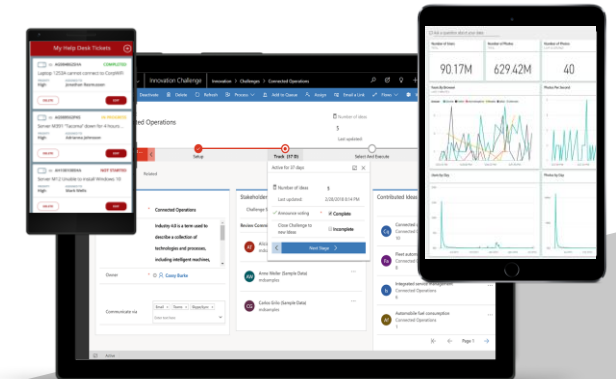
Tailor out-of-the-box solutions, embedded forms and dashboards



Highly customized task- and role-based apps



Immersive, end-to-end solutions

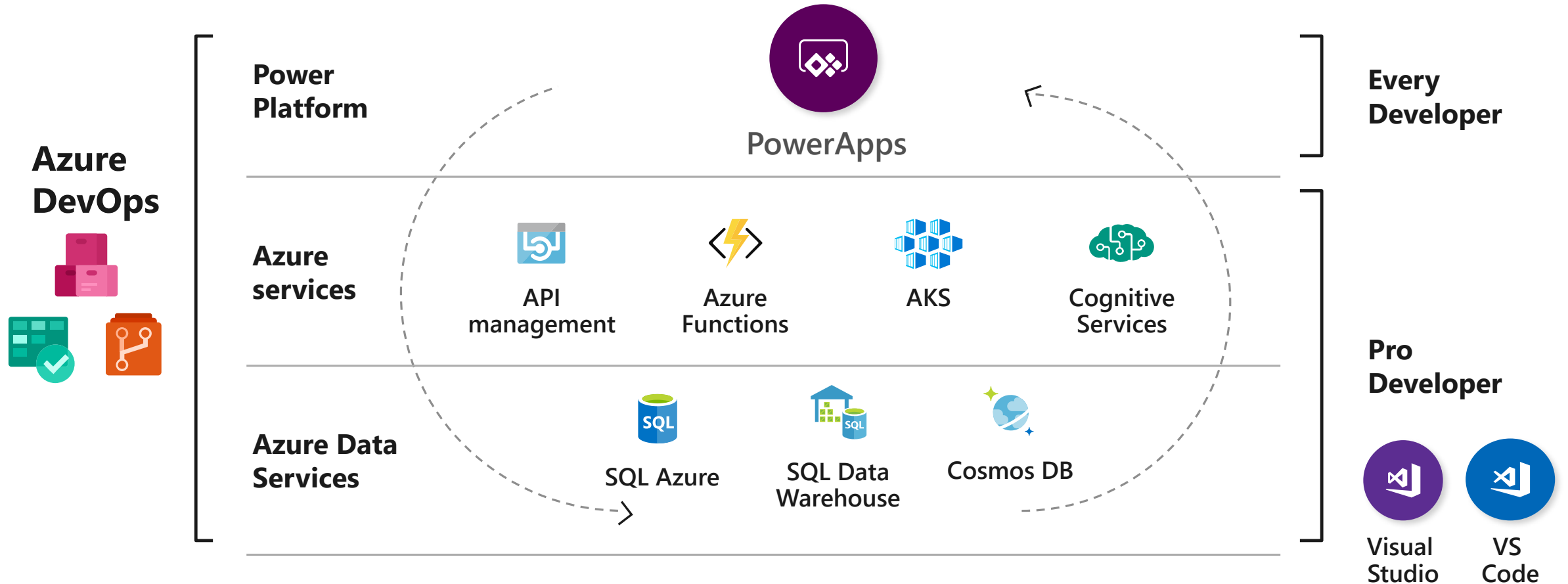


SOPHISTICATION

Demo – Show Composite App

Develop faster than ever before

Azure + PowerApps = No Limits



Teams Integration

The screenshot shows a Microsoft Teams chat window with a Power App embedded. The app is titled "Claims Translation Texting App" and is displayed within a chat conversation titled "TranslationAppSample - Claims". The app interface includes:

- Customer Incoming Text:** A text input field with the placeholder "Paste your text from the customer".
- Translate Incoming Text:** A blue button to process the customer's text.
- Translated Incoming Text:** An empty text output field.
- Agent Response:** A text input field with the placeholder "Type your response to the customer".
- Translate My Response:** A blue button to process the agent's response.
- Back to Customer:** An empty text output field.

The Teams interface on the left shows navigation options for Activity, Chat, Teams, Calendar, Calls, Files, and Apps. The top of the Teams window includes a search bar and a user profile icon.

<https://techcommunity.microsoft.com/t5/Microsoft-Teams-Blog/Introducing-the-Teams-and-Power-Apps-whitepaper/ba-p/1005945>

I want more!

<https://docs.microsoft.com/en-us/learn/paths/power-plat-fundamentals/>

<https://events.collab365.community/>

<https://powerapps.microsoft.com/en-us/blog/microsoft-ignite-2019-event-recap/>

Follow-up Questions or Further Information

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Thank You