



Take Control Be a Citizen Developer

- KH Then & YA Teh
- 24th March 2021

ADS

AGILE DYNAMICS SOLUTIONS









ADS – Microsoft Direct CSP / Partner Of Year 2019



Customer



-  Pervasive Collaboration
-  ERP – Finance & Operation
-  CRM - Customer Engagement
-  Document Management & Workflows
-  Office 365
-  BI, IoT, Dashboards
-  Business Consulting
-  Mobility

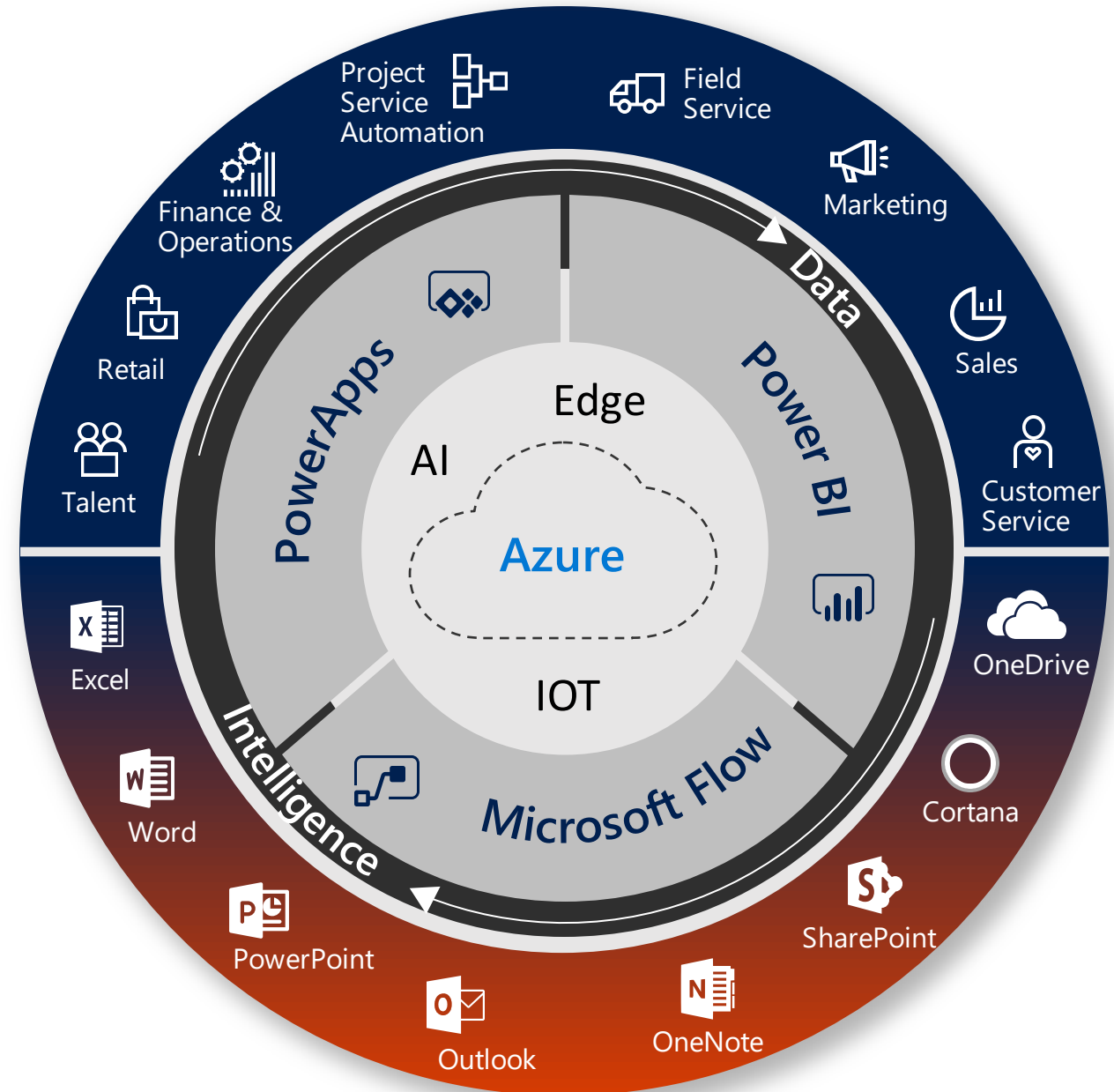
-  Lead with the Cloud
-  25 Years Experience
-  Apps for Various Industries
-  Proven Methodology
-  Over 300 Implementation
-  Multiple Solutions
-  5 Office Local & Regional
-  Long-term Commitment
-  Microsoft Partnership
-  HRDF & MDEC Training Provider

Global network of specialized partners

Service Provided :

One Stop Solution Partner

- ✓ Solution Selection
- ✓ Planning and design
- ✓ Customization and configuration
- ✓ Implementation and Training
- ✓ Project Management
- ✓ On going Support



We See More Than Just a Customer, We See a Partner!

 Manufacturing



 Distribution



 Government and Education



 Healthcare



 Banking and Financial Services



 Public and Professional Services



 Technology and Services



We See More Than Just a Customer, We See a Partner!

 Manufacturing



 Distribution



 Public and Professional Services



 Retail



 Hospitality



Business and IT challenges



Budget constraints



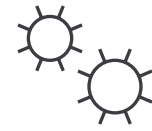
Time & resource constraints



Rising customer expectations



Paper processes



New digital business models



IT/business partnership



Limited agility



Need for differentiation



Technical skills shortages



Security & compliance risks

Business and IT are both impacted by these challenges



65%

App Development Backlog

65% of organizations report an app development backlog.



37%

Paper processes

37% of organizations are still using paper to manage critical business processes.



67%

Technical Skill shortages

67% of CIOs and tech leaders say IT skills shortages are preventing them from keeping up with the pace of change.



Embracing: A low-code productivity tool for **citizen developer**

- Provide friction-free cross business collaboration and communication experiences to drive creativity
- Streamline productivity experiences and automate processes across your productivity tools
- Empower all your employees to become citizen developers and solve business problems

Low-code development platform technology

Low-code platforms enable a visual approach to building apps, empowering everyone, regardless of whether they can code or not, to quickly turn their bright ideas, into brilliant apps.



The future

Gartner estimates that 65% of all app dev will be low code by 2024

Rise of citizen developers

By 2023, number of citizen developers at enterprises will be at least 4X the number of Pro Devs

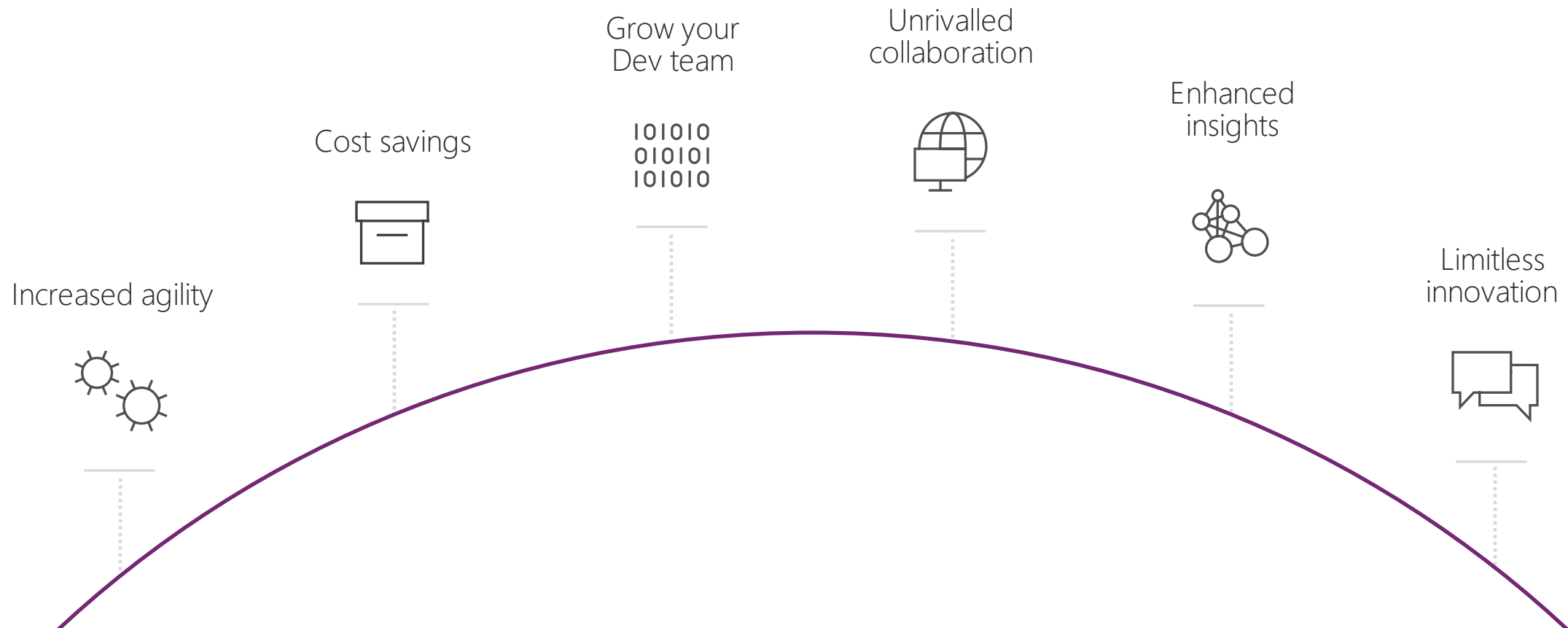
500 Million

Apps will be developed in the next 5 years, more than all the apps that have been developed to date



Benefits of low-code app development

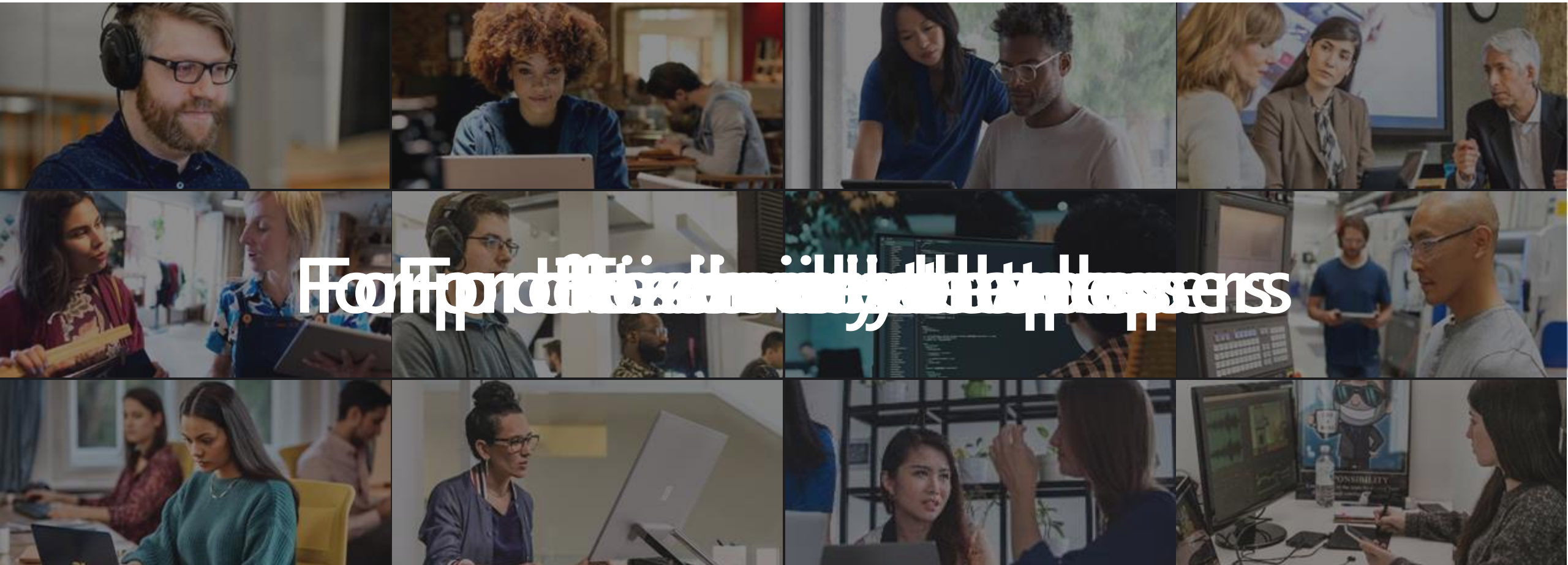
Focus on innovating. The rest is taken care of.



Embracing: A low-code platform

- Become agile and innovative to speed delivery of services
- A modern data platform that uses AI-powered services to find and analyze information
- Leveraged by professional developers to automate repetitive parts of the DevOps cycle and scale through citizen developers

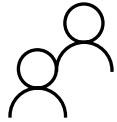




From product development to customer success

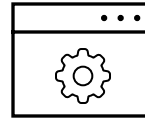


Empower everyone to do more



Citizen developers

- Understand the business.
- Solve their own problems.



IT professionals

- Enable high productivity app development.
- Implement governance and compliance.



Professional developers

- Reduce time to develop and deploy.
- Use code to unblock complex requirements.

For all your data



The low-code
platform

With no limits

For innovation

For all your data



With no limits

For innovation

A platform for all your data



Do less but achieve more

Fully managed, with preset data models and common entities, out of the box business logic and rules, role-based security, that is fully customizable to your business needs.



Unlimited integration

Built-in connectivity to 350+ cloud services, files, databases, web APIs, plus custom and on-premise connectors, connected, across all your applications, 1st and 3rd party.



A single source of data truth

Streamline your customer experience and save on the costs associated with disparate data sources all while harnessing insights in real time to drive transformation.



Microsoft Power Platform

One low-code platform that spans Microsoft/Office 365, Dynamics 365, Azure and standalone applications



Power BI

Business analytics



Power Apps

Application development



Power Automate

Workflow automation



Power Virtual Agents

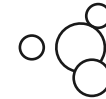
Intelligent virtual agents



Common
Data Service



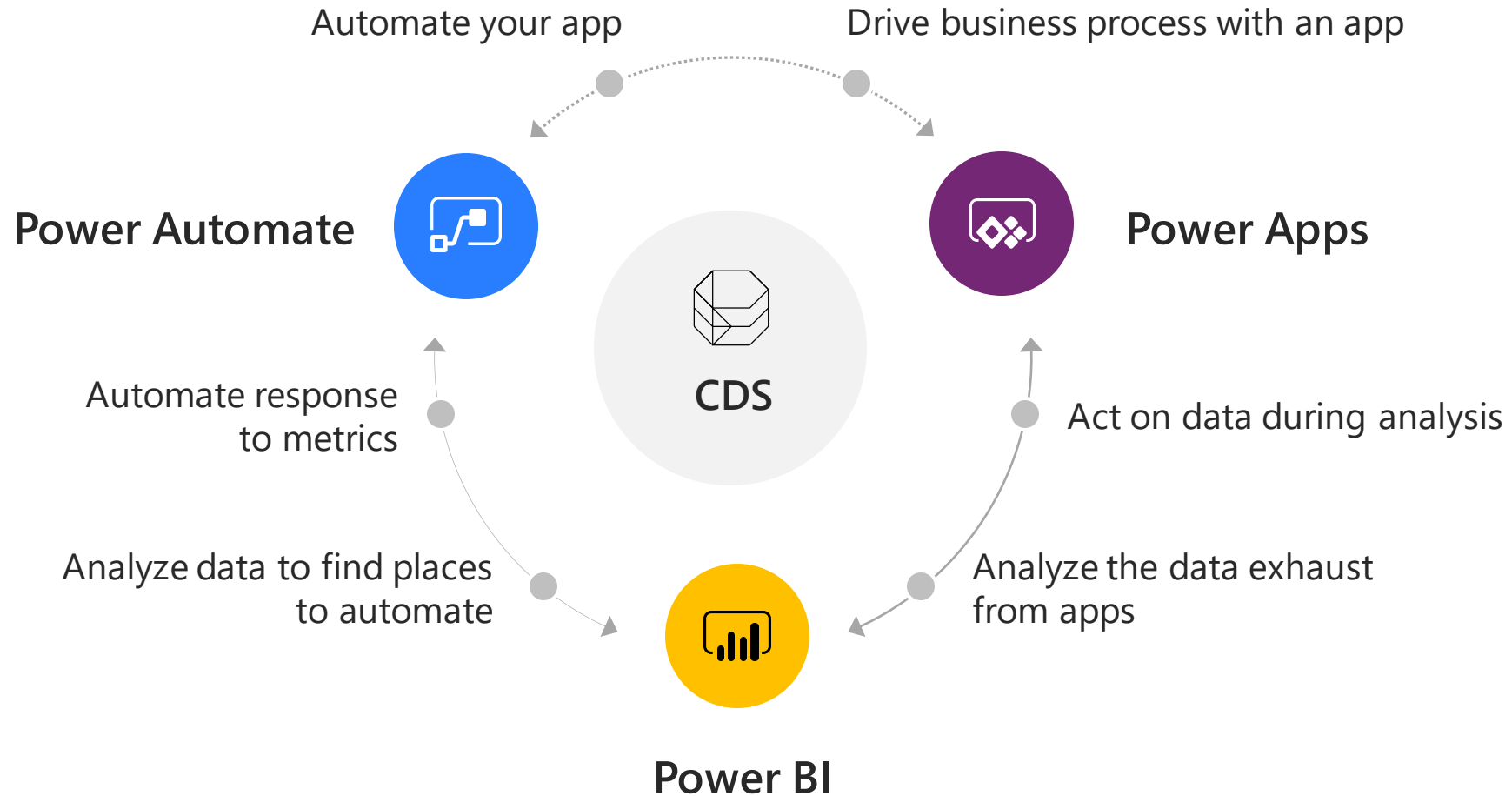
Data
connectors



AI Builder



Integrated low-code platform



For all your data



With no limits

For innovation

A platform for innovation



Intuitive to use & easy to learn for Citizen Developers

Build apps fast with the market's most intuitive point-and-click approach to app design. Choose from a large selection of templates or start from a blank canvas. Have those closer to business problems collaborating on solving them.



Extend, integrate, innovate

The combination of Power Apps, plus Power Platform, Office 365, Dynamics 365, Azure services, and all your apps and services and on-premise data sources, is a foundation of unrivalled platform technology that supports innovation.



Innovation for the agile

Outpace competitors by infusing your process automation with AI; Build, deploy and learn, fast. Enhance agility and scale by extending data and processes to external and anonymous users with Portals.

A man in a blue blazer is standing and pointing at a whiteboard in a modern office. He is surrounded by several people sitting at a long table, listening to his presentation. The office has large windows in the background, showing a cityscape. The overall scene is professional and collaborative.

Microsoft Power Apps Leading the market

Recognized by analysts as a leader in low-code application development platforms, demonstrating a strong strategy and vision and ability to execute.



August 2019

A leader in enterprise low-code application platforms.*

*Gartner "Magic Quadrant for Enterprise Low-Code Application Platforms," by Paul Vincent, Kimihiko Iijima, Mark Driver, Jason Wong, Yefim Natis, 08 August 2019.

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Forrester, Q1 2019

A leader in low-code development platforms for application development and delivery professionals.

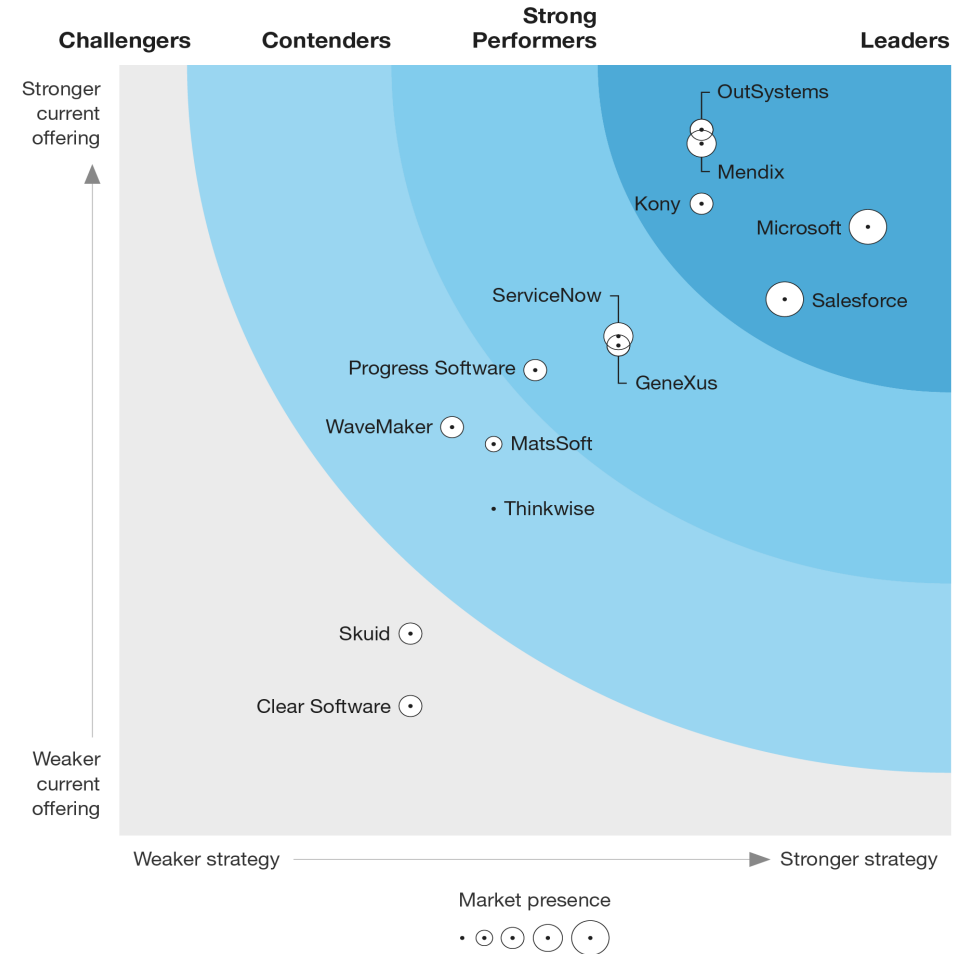
<https://reprints.forrester.com/#/assets/2/108/RES144387/reports>

FORRESTER RESEARCH

THE FORRESTER WAVE™

Low-Code Development Platforms For AD&D Professionals

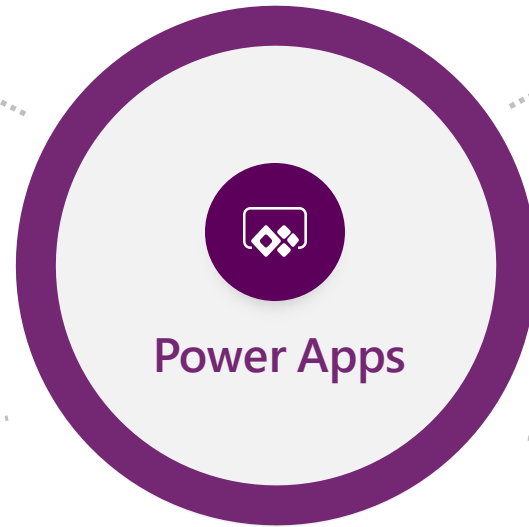
Q1 2019



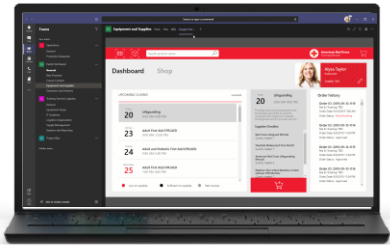
A man with glasses is focused on his laptop in a dimly lit room. The background shows other people working at laptops, creating a sense of a busy, collaborative environment. The lighting is low, with some ambient light from the screens and other sources, giving it a professional yet relaxed atmosphere.


Power On your Apps journey

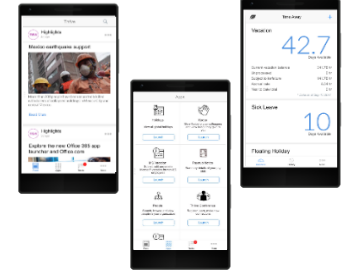
Enabling digital transformation across the organization



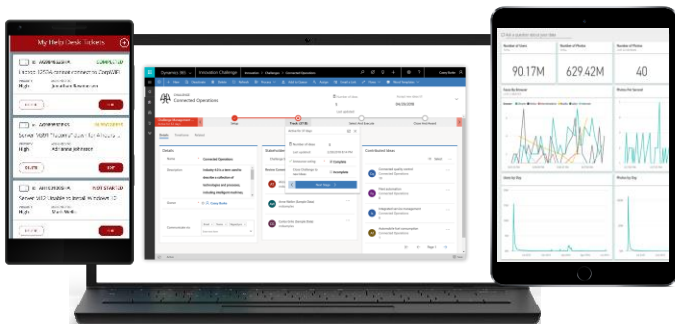

Extending Office 365
and Dynamics 365



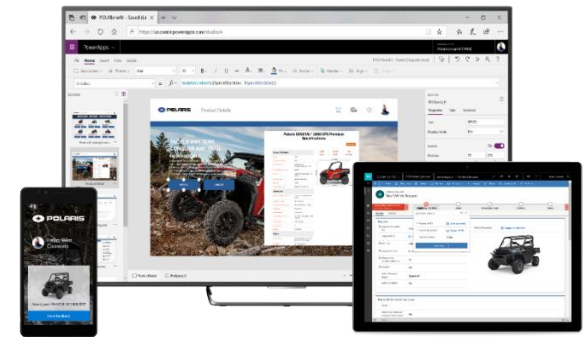

Extending legacy
applications



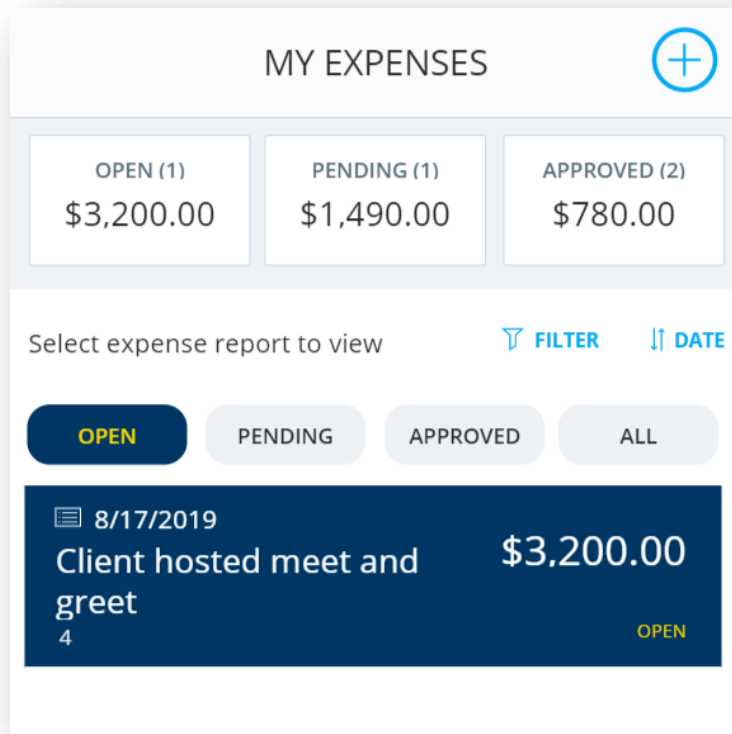

Building mission-critical
end-to-end solutions



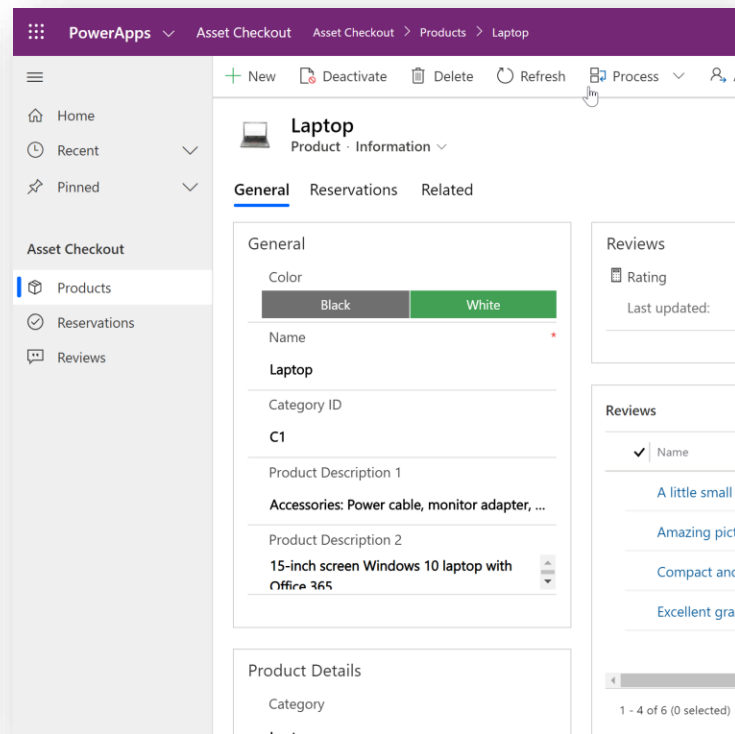

Building departmental
solutions



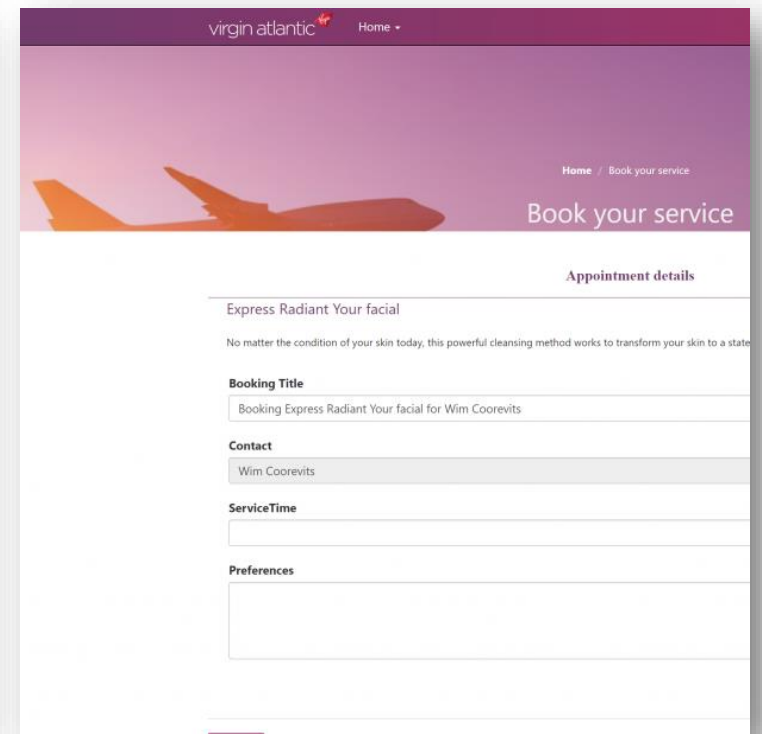
Power Apps



Canvas Apps



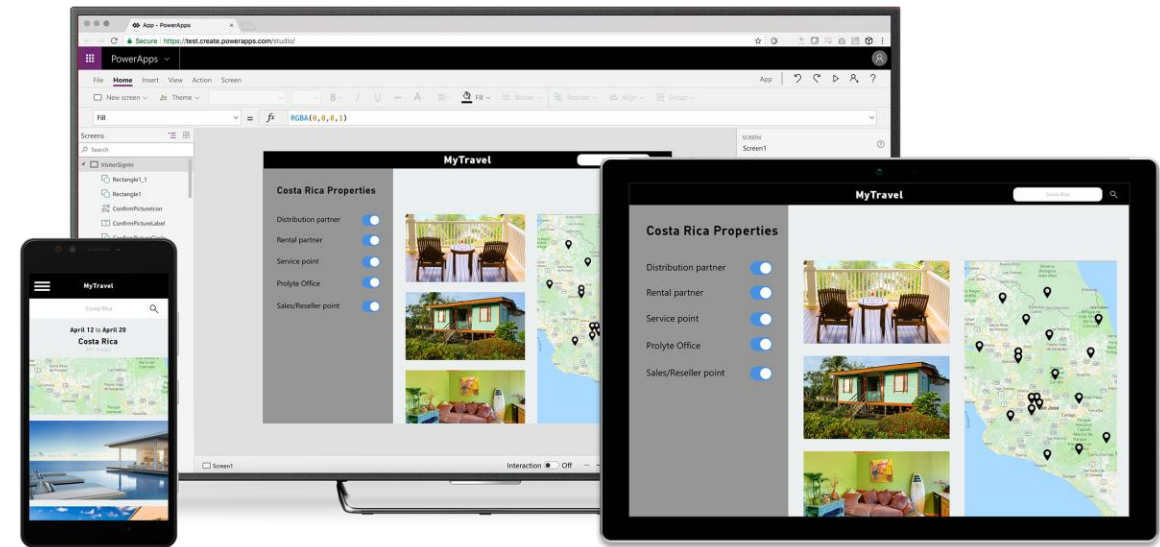
Model Driven Apps



Portals

Put your data to work with the **Common Data Service**

- “Out-of-the-box” data store for your apps
- Advanced security, business logic and rules
- Jumpstart apps with the Common Data Model
- Dynamics 365, Office 365, and Azure data is available, augmented by industry partners
- Extend to your own needs and integrate across your apps and services



Data integration capabilities built-in to the Common Data Service



Integrate directly with CDS using the Excel Power Query features relied on by millions of users each month.



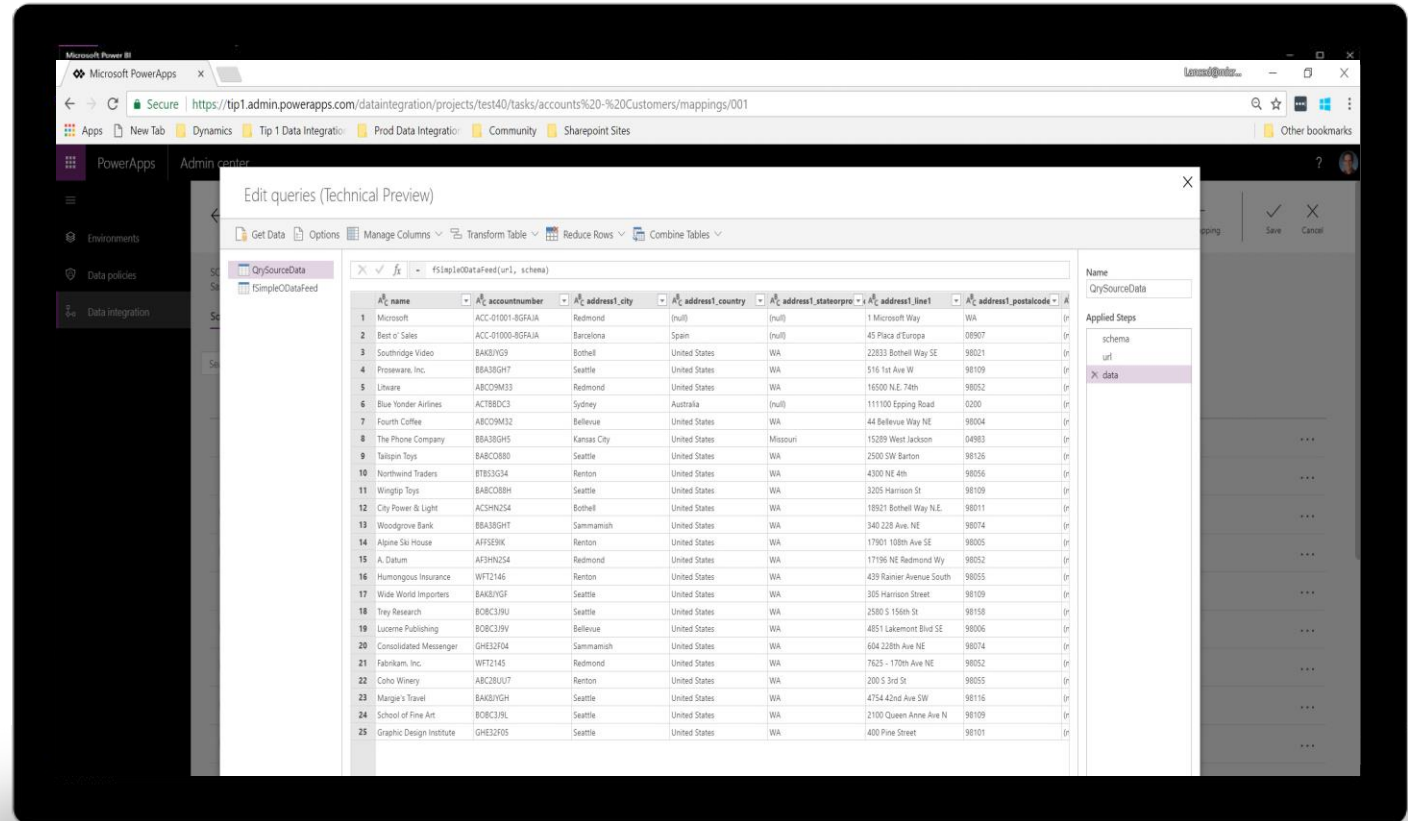
Built-in management features like CDM entity mapping UX, environments and scheduled refresh.



300+ transformations to clean and reshape data.



A growing set of connectors to integrate with your cloud and on-premises data sources.



Cloud and on-premises connectivity



Built-in connectivity to 350+ cloud services, content services, databases, APIs, etc.



Seamless hybrid connectivity to on-premises systems via the on-premises data gateway.



Develop and register custom connectors as a building block for citizen developers.



Break down data silos by using multiple data sources in a single application.



Low-code AI for apps and processes with AI Builder



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



Bring your data from CDS, pre-built connectors and custom connectors



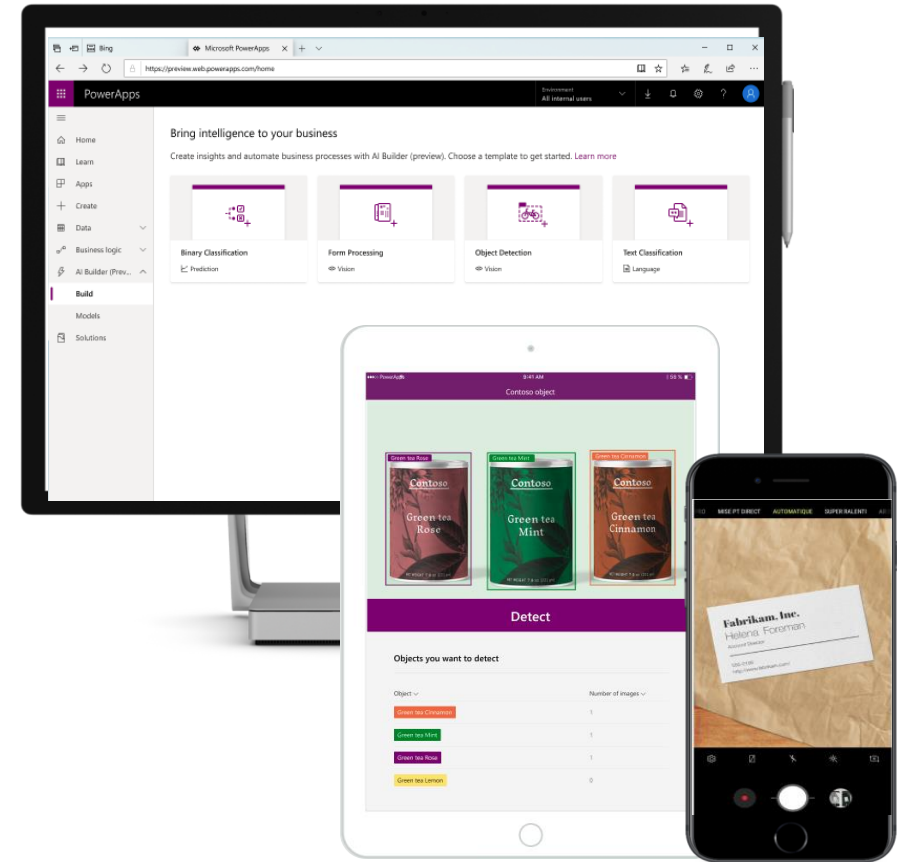
Customize Dynamics 365 AI offerings to specific schema and processes with AI Builder



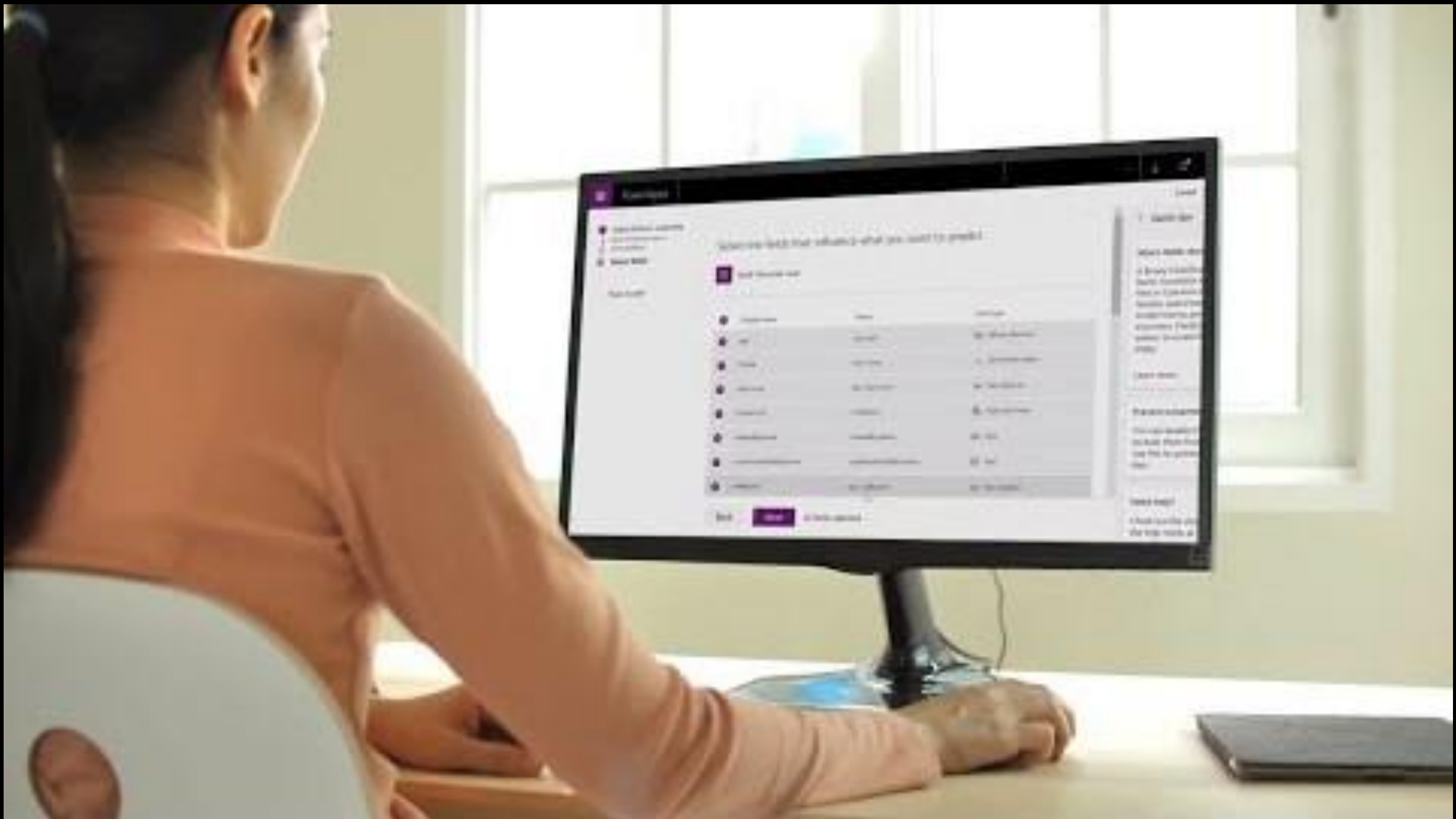
Predictions available in Common Data Service for Power Platform and Dynamics



Pro-Dev extensibility and governance



AI Builder Introduction



Microsoft Dynamics 365 AI Builder interface showing a table of data.

Category	Item	Status
Category 1	Item 1	Active
Category 2	Item 2	Inactive
Category 3	Item 3	Active
Category 4	Item 4	Inactive
Category 5	Item 5	Active
Category 6	Item 6	Inactive
Category 7	Item 7	Active
Category 8	Item 8	Inactive
Category 9	Item 9	Active
Category 10	Item 10	Inactive

Low-code solution for responsive websites with portals



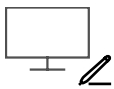
Create multilingual, responsive websites to engage with internal and external customers, partners and employees.



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



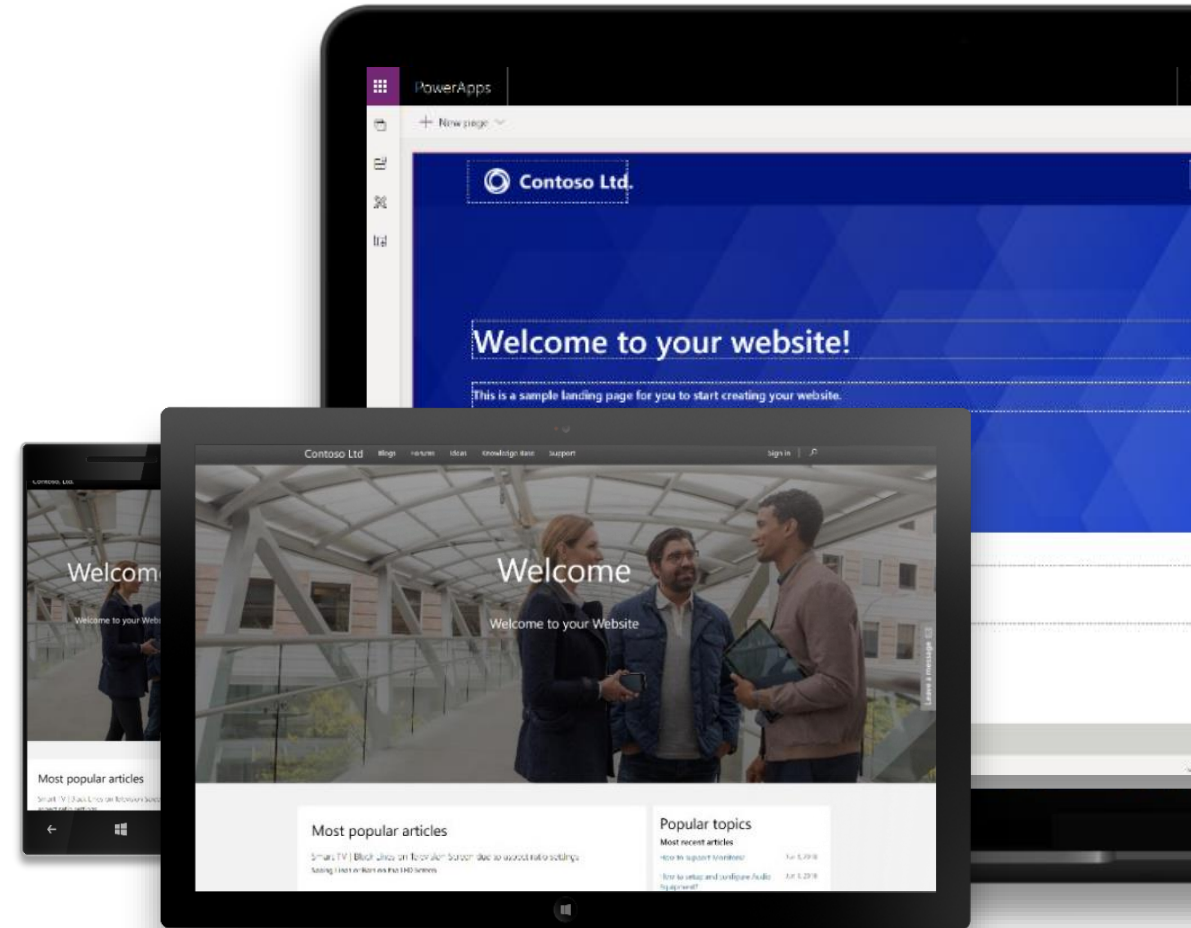
Use WYSIWYG designer to create website content and enrich with CDS/Dynamics data using familiar constructs like forms, views, charts, dashboards.



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



Dynamics 365 provides integrated starter templates like customer self service, partner management, event management and community self service.



Low-code creation of reusable components



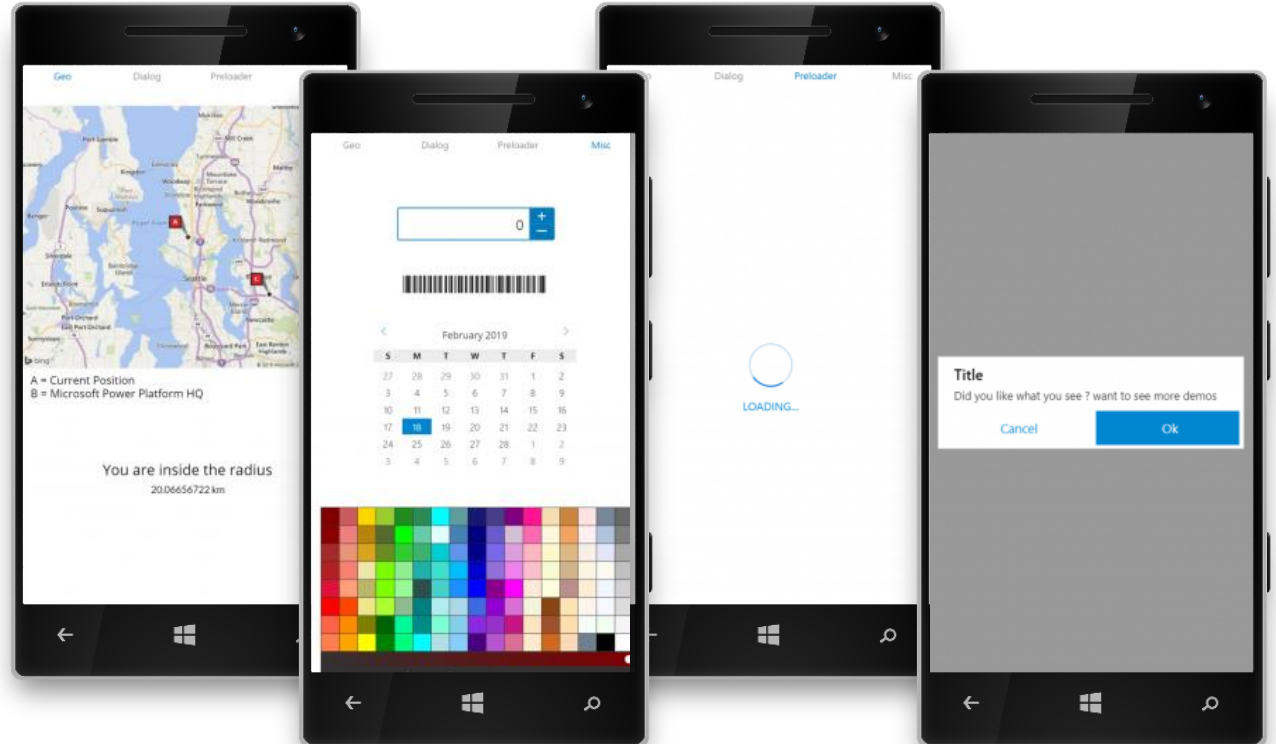
Quickly develop reusable, embeddable components with the low-code canvas.



Reuse within and across apps; compose with pro-dev components.

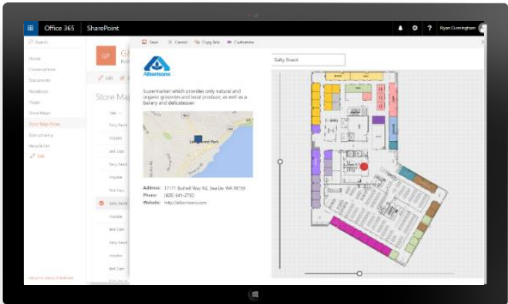


Enable faster and more consistent development when many makers are using the same components.

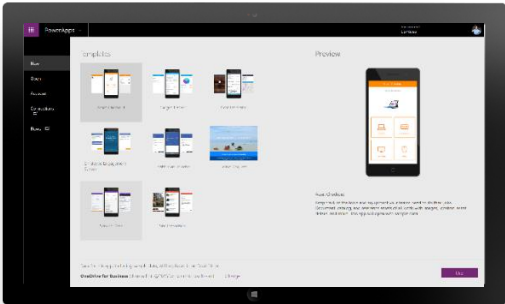




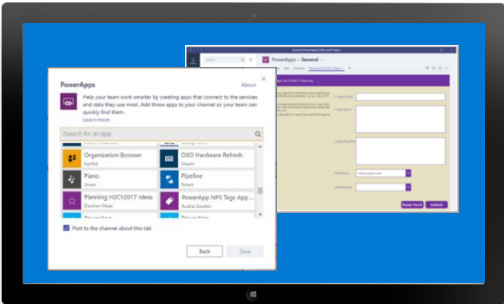
Integrated with Office 365



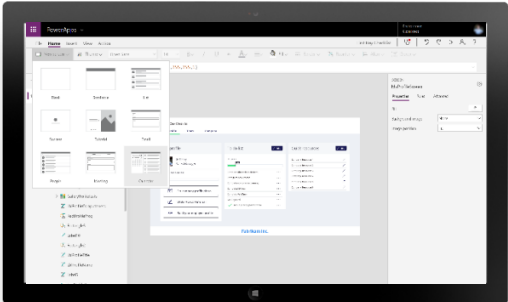
Publish Power Apps as a SharePoint web part or create a custom SharePoint list experience.



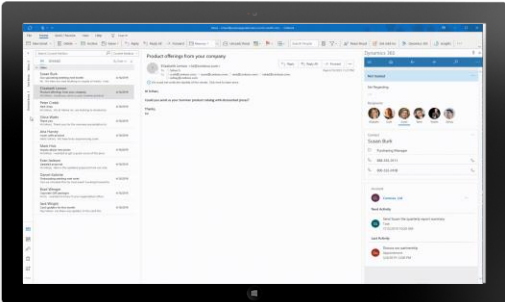
Build a Power Apps app from an Excel sheet on OneDrive.



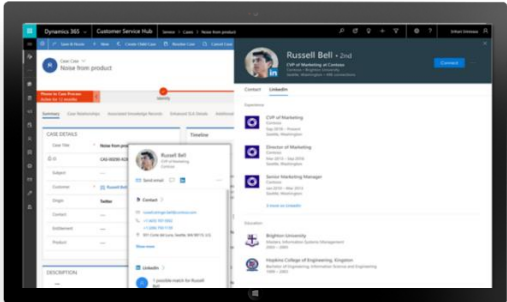
Customize a Microsoft Teams tab with Power Apps.



Use Office 365 data through built-in connectors and Office 365 screen templates.



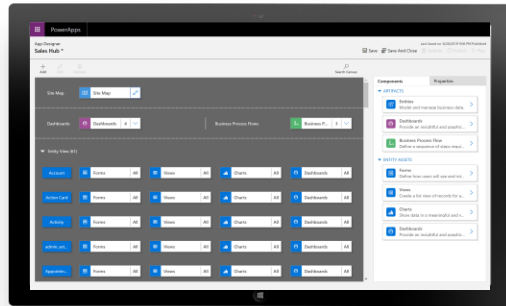
Bring data from CDS and Power Apps UX to Outlook with the mail app (Win32, OWA and mobile).



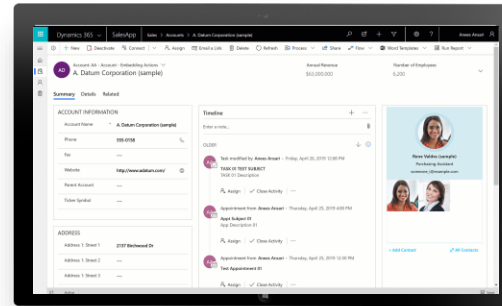
Office 365 people card in Power Apps (incl. LinkedIn info).



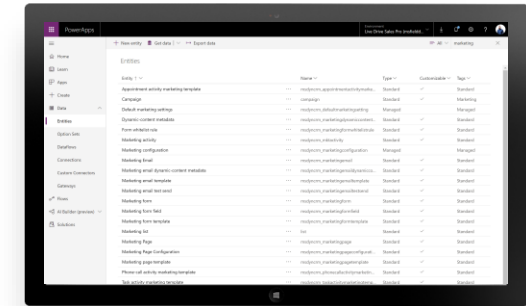
Integrated with Dynamics 365



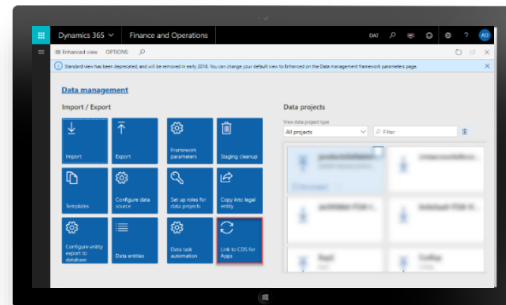
Power Apps provides the tools to customize Dynamics 365 for customer engagement.



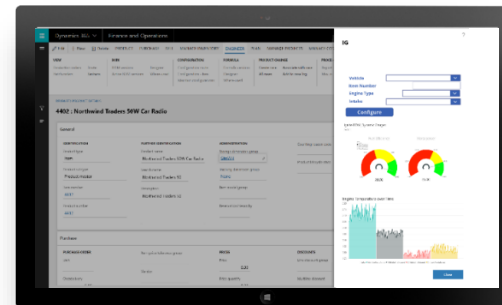
Embed apps in Dynamics 365 for customer engagement.



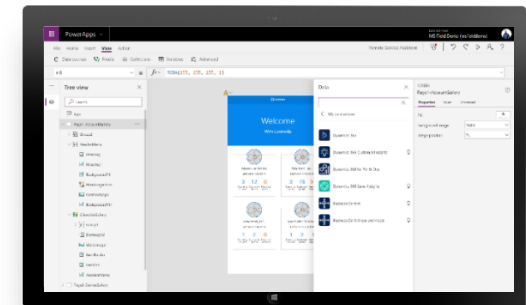
Dynamics 365 for customer engagement runs on Common Data Service.



Common Data Service enables dual-write integration with Dynamics 365 for finance and operations.



Embed apps in Dynamics 365 for finance and operations.



Extend Dynamics 365 with mobile Power Apps solutions.

Ensure enterprise quality with built-in app and solution checkers



Find and resolve errors (programmatic errors) and performance issues faster.



Continued investment to provide guided experience to make debugging easier.



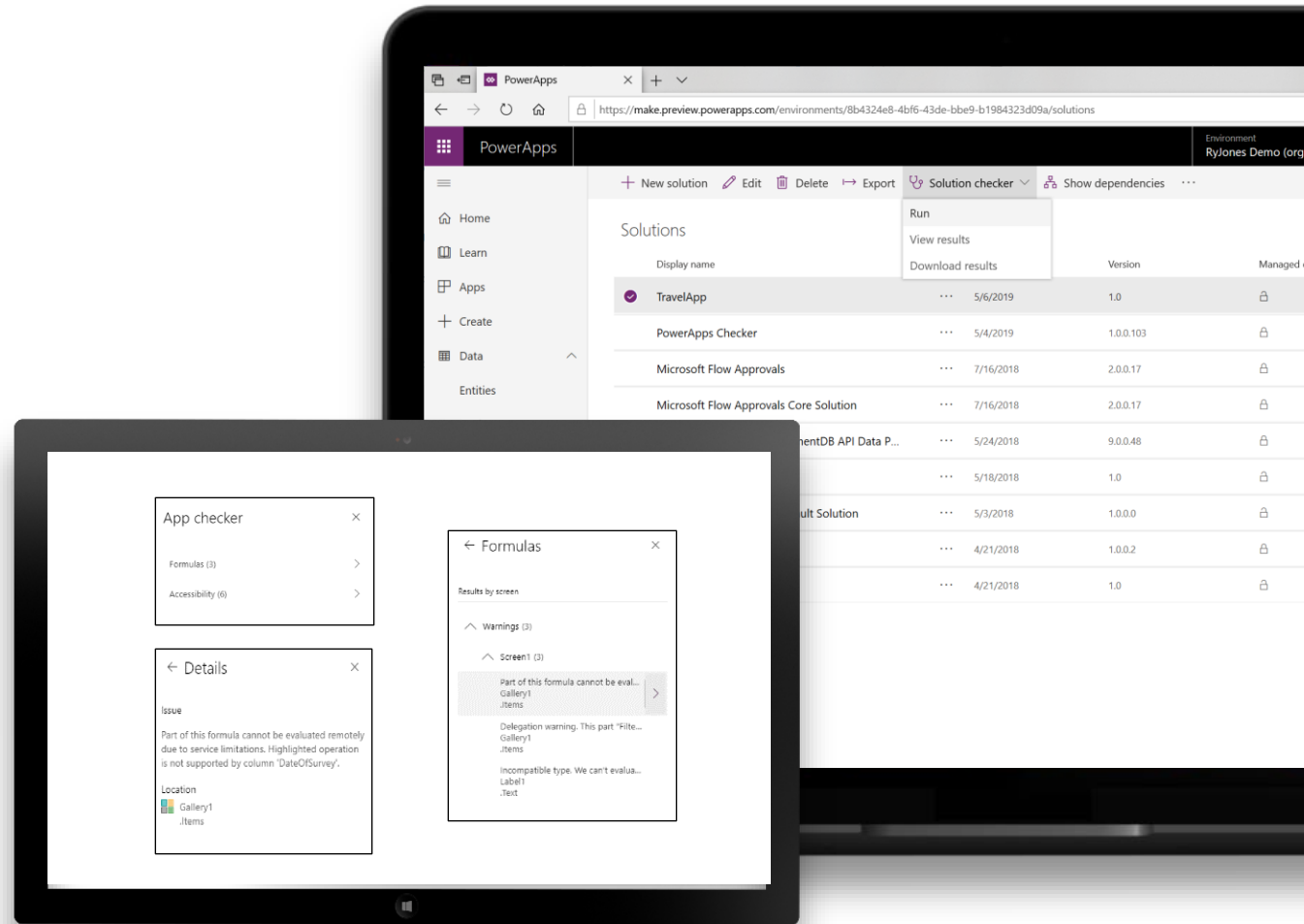
Discover accessibility issues and recommendations inline.



Performance and stability risks called out by severity and location (component/line).



Identified risks supported by best practice recommendations on docs.microsoft.com





Extending Office 365 and Dynamics 365



Extending legacy applications



Power Apps



Building departmental solutions



Building mission-critical end-to-end solutions



Solution explorer (advanced)

- App designer
- Form designer
- View designer
- Dashboard designer
- Canvas studio

Power Automate (workflow and business process)

Common Data Service

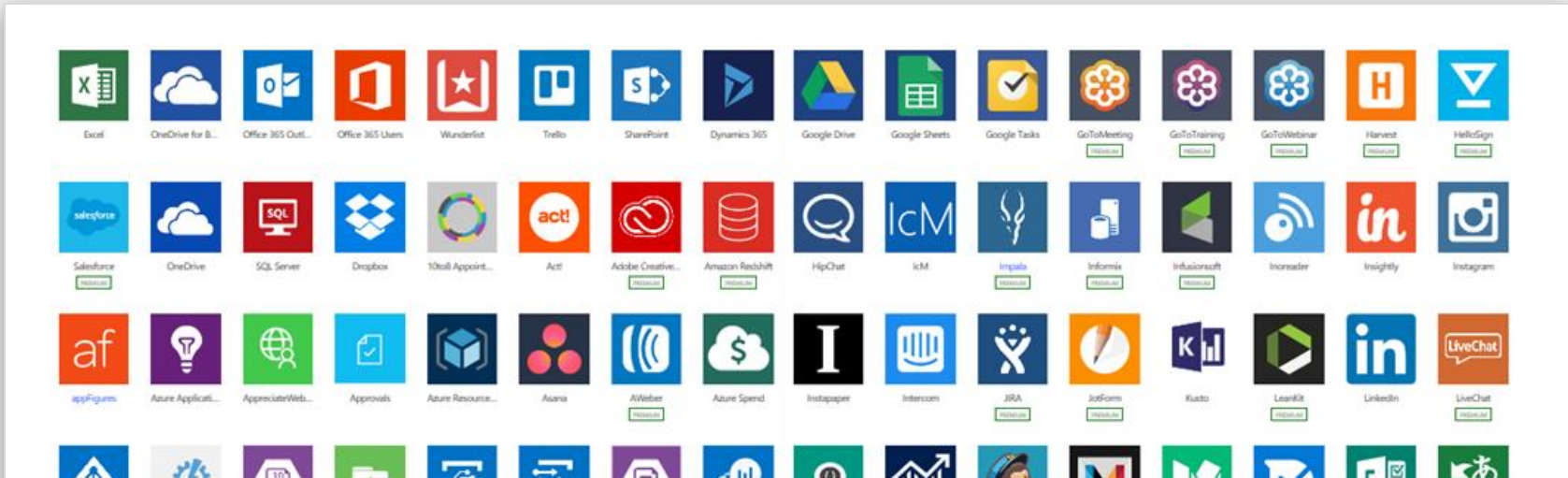
Sharing+ security

Dynamics 365 data natively on the platform—no integration required.

Enterprise-grade application lifecycle management.

Server-side business logic for validation, defaulting, calculated fields and more.

350+ connectors



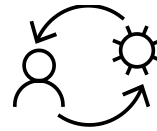
A platform with no limits

When other low-code app platforms stop, Microsoft Power Apps keeps going.



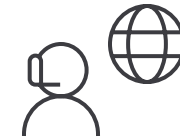
Deliver immersive, complex platform modernizations

Built on Azure, with massive scale, 54 data centers worldwide, more than 90 compliance certifications; rely on the robust infrastructure of Microsoft for your low-code platform.



World class Pro Developer tools, support and ALM

Experience the full range of development and application lifecycle management, with rich pro developer tools to rapidly package and deploy apps with unlimited customizations. Tailor this platform, quickly, to your needs.



Cross business collaboration unlocks value quickly

Power Apps encourages cross organization collaboration between business, IT and Pro Dev, with IT in control, ensuring governance, compliance and security.



Power Platform Mission

Empower **every** developer to do more.

Citizen Developers.

IT Developers.

Pro Developers.

Questions and Answers ?



감사합니다
Vinaka Dankscheen
Maake Asante Shukria
Kam Sah Hammida
Manana Dankon
Ar-Rakhs
Dank Je
Mauruuru Biyan
Blagodaram Ngiyabonga
Dziokuje
Chokrane
Dioch i Chi
Terima Kasih
Matondo
Juspaxar
Arigato
Taiku
Tack
Grazie
Gracias
Mochchakkeram
Ua Tsaug Rau Koj Bedankt Dakujem
धन्यवाद
cảm ơn bạn
Khap
Paldies
Tingki
Gracias Tibi
Děkuji Nirringrazzjak Hvala Di Ou Mési
You
Obrigado
Suksama Rahmat Matur Nuwun 谢谢
Xвала
Welalin
Kia Ora
Kop Khun Khap
Djiere Dieuf
Danke
Merci
Salamat Go Raibh Maith Agat
Eskerrik Asko
Najis Tuke

