



Getting Started with Dynamics 365 and the Power Platform

Kelsey Bloomquist & James Bamford

June 9, 2020

Meet the team



Kelsey Bloomquist

Product Solution Architect



James Bamford

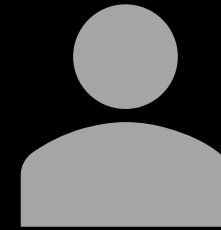
Product Solution Architect

Series Expectations



Goal

Learn to build business solutions fast, at any technical skill level, by harnessing the power of connected data and using the capabilities provided by Dynamics 365 + the Power Platform

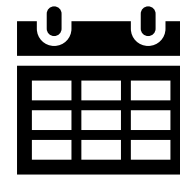


Audience

The citizen developer
The professional developer
And everyone in between!

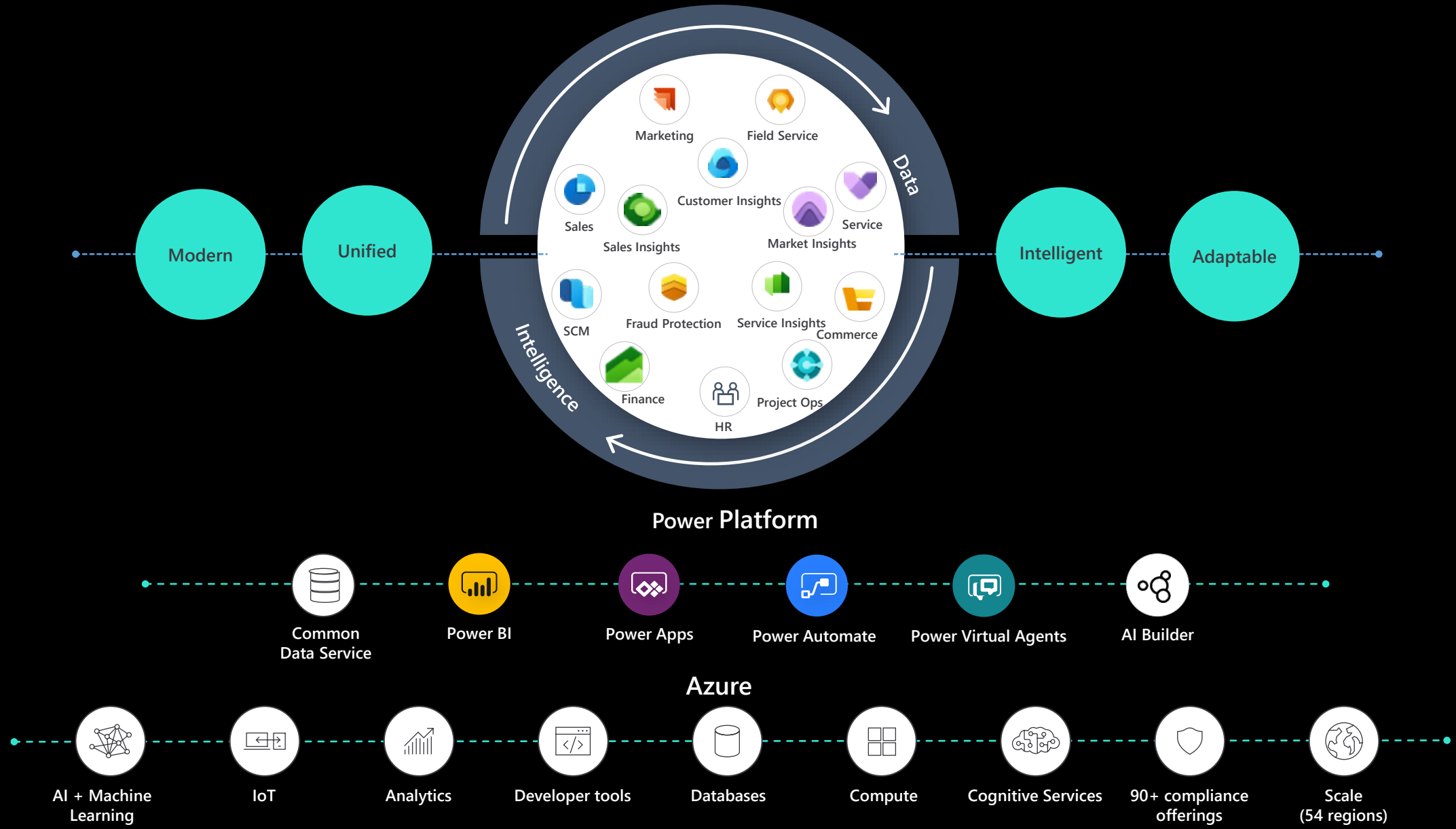
Series Agenda

- **June 9, 2020 – Getting Started with Dynamics 365 + Power Platform**
 - Overview of Microsoft's Business Applications ecosystem
 - Setting up an environment and walkthrough of the Admin center
- **June 16, 2020 – Introduction to application development**
 - The Common Data Service
 - Model-driven and Canvas Applications
- **June 23, 2020 – Automation Capabilities**
 - Power Automate & Data Connectors
 - Power Virtual Agents
- **June 30, 2020 – Enriching your Data**
 - AI Builder
 - Power BI



Dynamics 365 + Power Platform

Microsoft Business Application ecosystem



Microsoft Power Platform

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

Analyze. Act. Automate. Assist.



Power BI

Business analytics



Power Apps

Application development



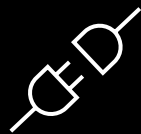
Power Automate

Process automation



Power Virtual Agents

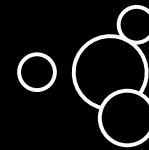
Intelligent virtual agents



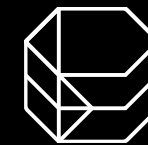
**Data
connectors**



Portals



AI Builder



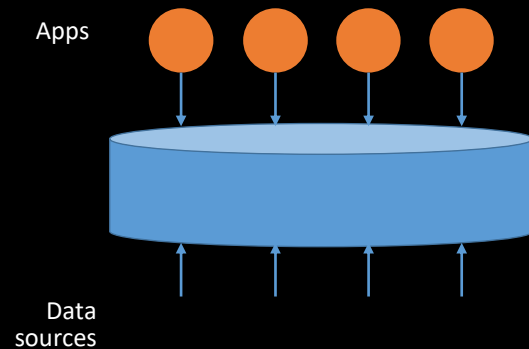
**Common
Data Service**

Common Data Service (CDS)



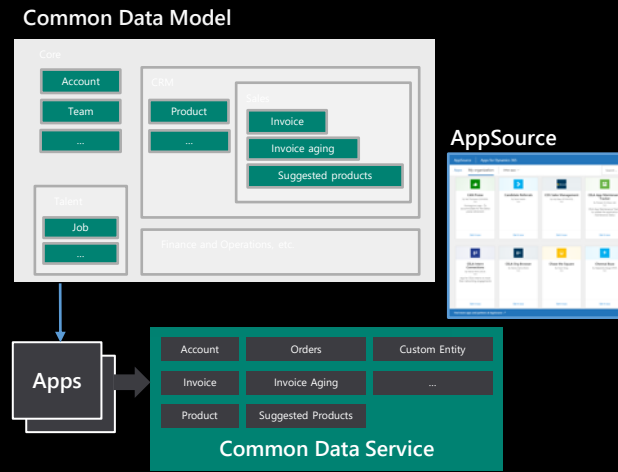
A central data store

Common Data Service lets you securely store and manage data that's used by business applications.



Utilizes the Common Data Model

The Common Data Model (CDM) is the shared data language used by business and analytical applications.

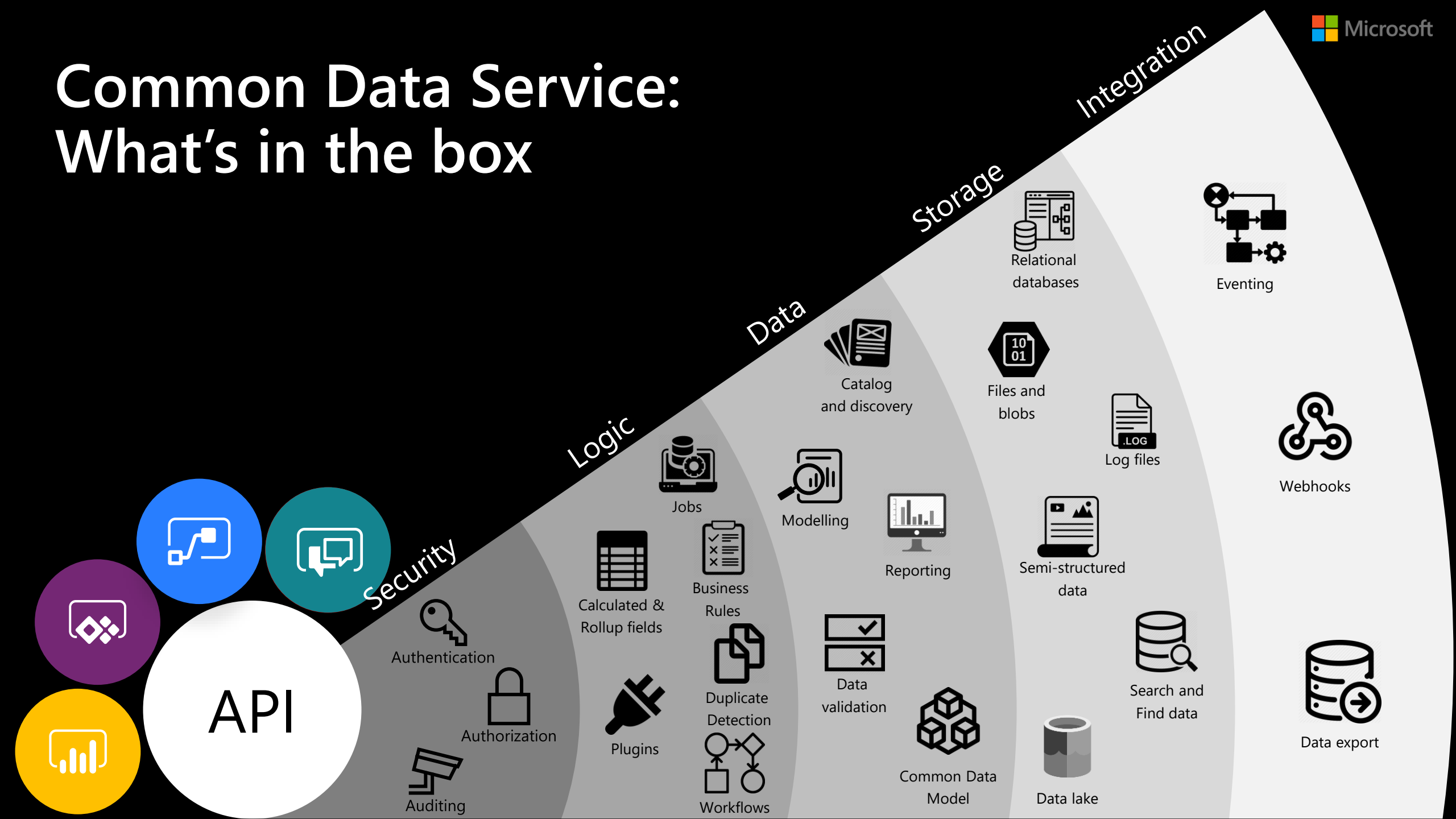


Provides a unified logic

Create automated workflows between your favorite apps and services to get notifications, synchronize files, collect data, and more.

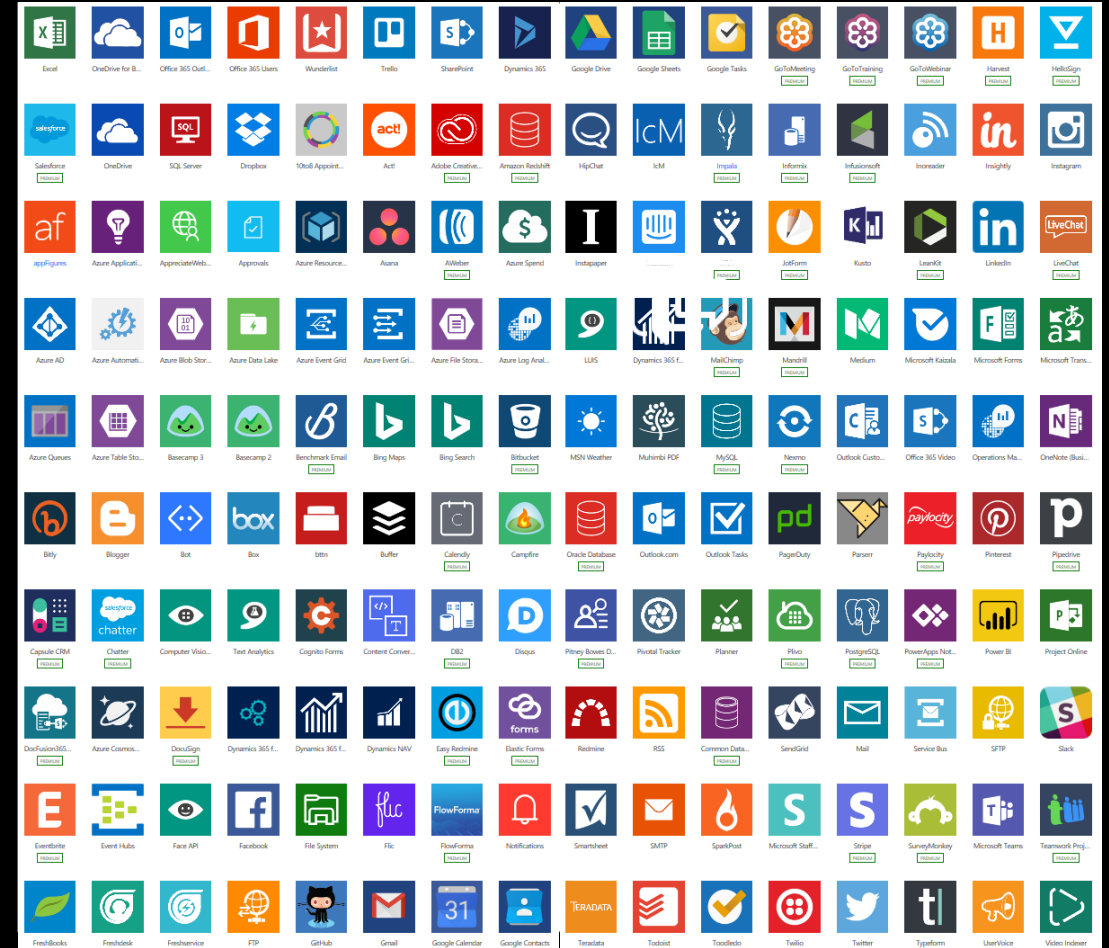


Common Data Service: What's in the box



Cloud and on-premises connectivity

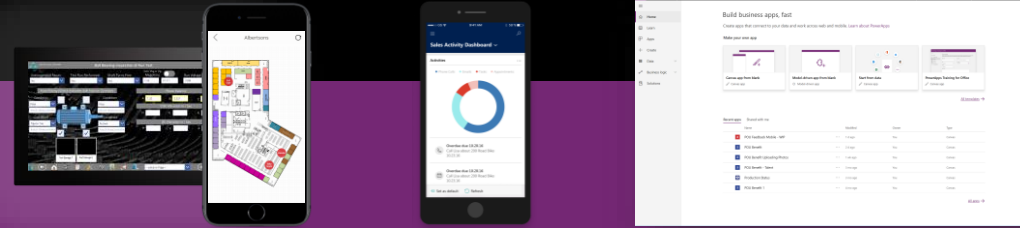
- Built-in connectivity to 325+ cloud services, files, databases, web APIs, etc.
- Seamless hybrid connectivity to on-premises systems via the on-premises data gateway
- Custom connector support allows the registration of developer/IT systems as a building block for citizen developers



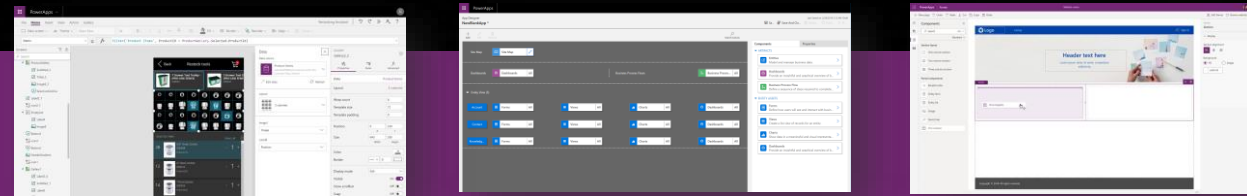


Power Apps offers a robust set of tools for building, delivering, and using business applications

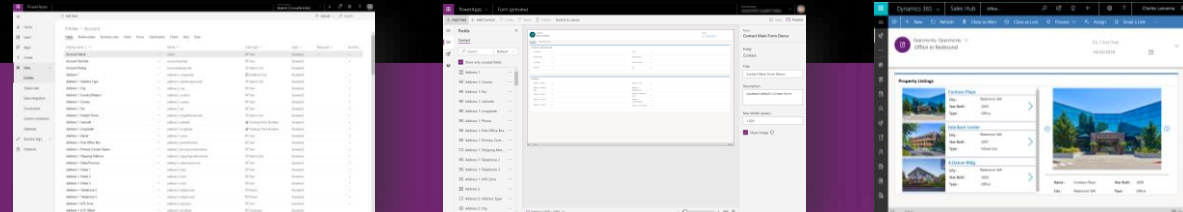
Discover and use great apps on web + mobile



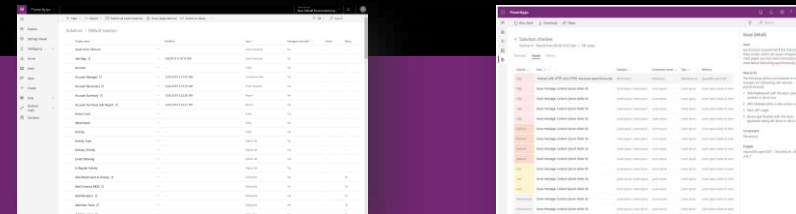
Quickly create apps and portals tailored to users' needs



Easily work with data in CDS and 325+ connectors to generate rich forms



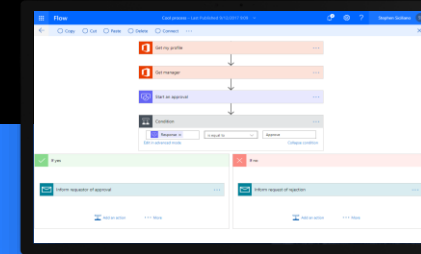
Share and manage quality apps, work efficiently across projects



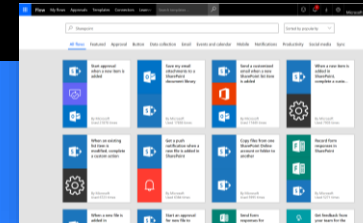


Power Automate offers quick modeling and automation of business processes

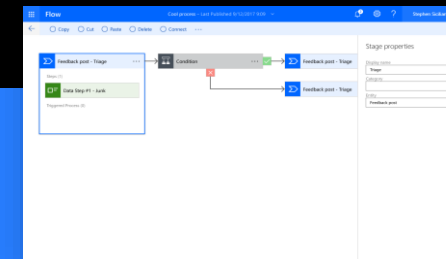
Process 400+ triggers out-of-box and custom events through custom connectors



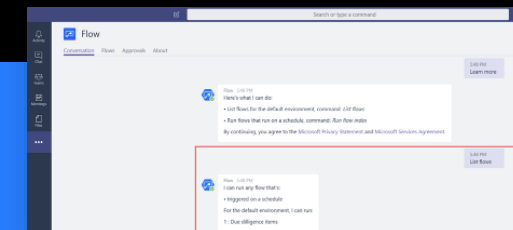
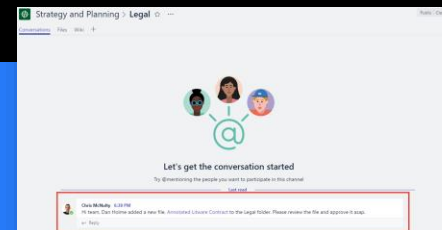
Read and write data in any of the 325+ connectors in integration workflows



Integrate with modern approvals, use simple or complex conditional branching



Collaborate with Team flows, and distribute for self-service using built-in governance and access control





Power BI enables integrated data analytics, insights and collaboration

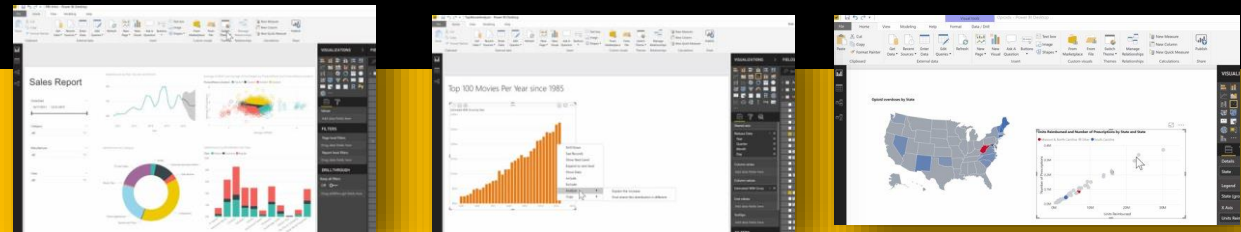
Connect to data across the business and view through a single pane of glass



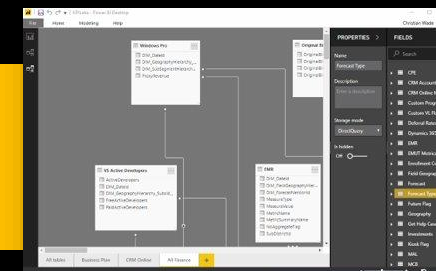
Create ad-hoc analysis, live dashboards and interactive reports to consume on the web and mobile



Personalize using PowerPoint like experiences for custom visuals



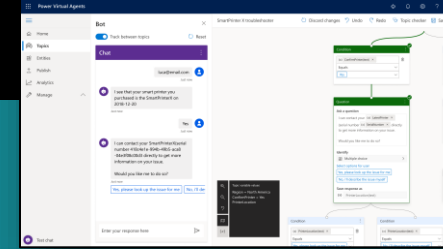
Manage with strong governance, and enterprise grade semantic models to deploy at scale



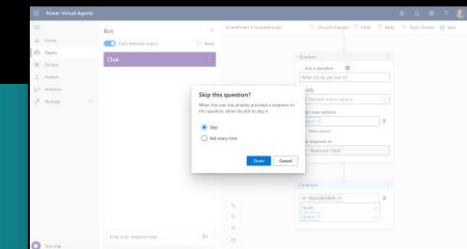
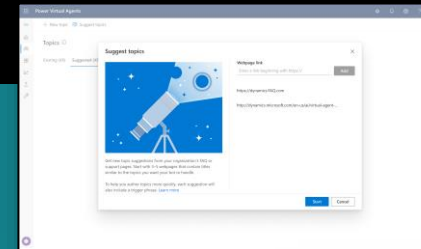


Power Virtual Agents drives more business value through easy to create, natural conversational AI

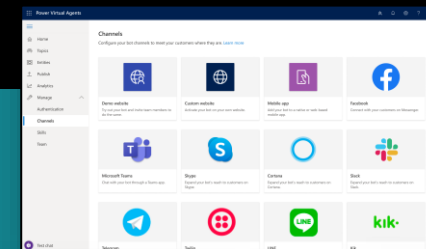
Simple, graphical bot creation that extracts information from user responses



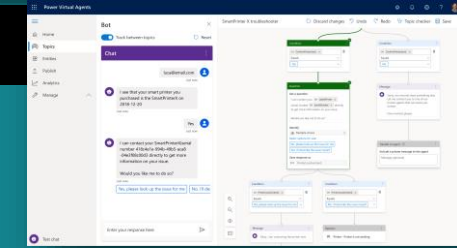
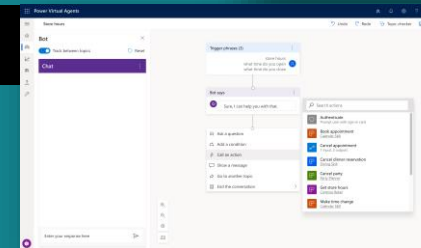
Learn from your website and avoid repetitive conversations



Converse everywhere by using bots whenever you need them and deploying to multiple channels



Extend any complex scenario requiring code with Bot Framework





**AI for every app.
And everyone.**



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



Bring your data from CDS, ADLSv2 or 325+ pre-built connectors and custom connectors



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



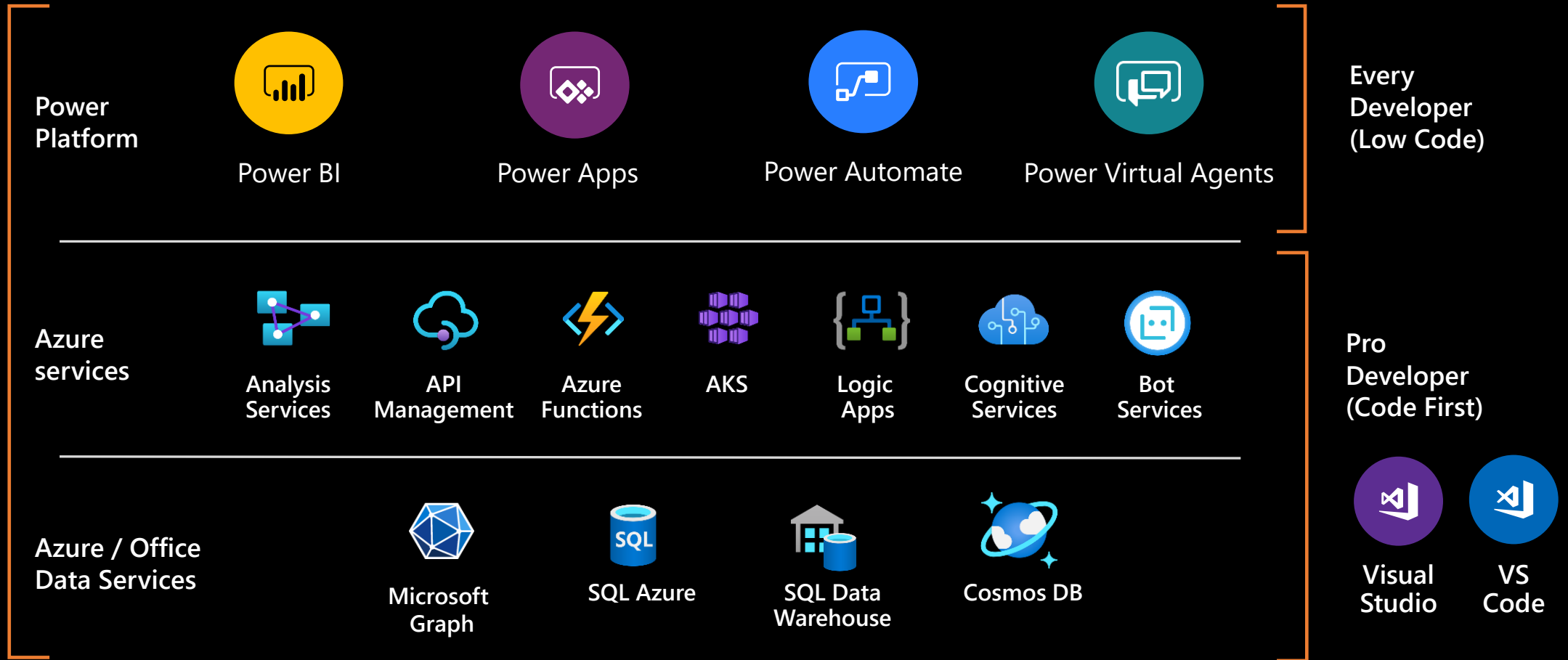
Predictions available in Common Data Service for Power Platform and Dynamics



Pro-Dev extensibility and governance

Develop faster than ever before

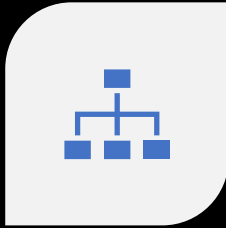
Pro Developers + Power Platform = No Limits



Get started with Dynamics 365 + the Power Platform

Set up your environment
Install Industry Accelerators

The Common Data Model



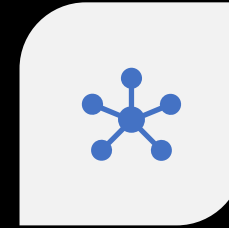
WELL-DEFINED,
MODULAR **BUSINESS**
ENTITY MODEL



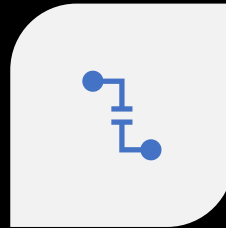
COMMONLY USED
CONCEPTS SUCH AS
ACCOUNT, CONTACT



ATTRIBUTES AND
METADATA FOR EACH
ENTITY



COMPLEX ENTITY
RELATIONSHIPS



PARTNERS AND
CUSTOMERS CAN **BUILD**
ON CDM DEFINITIONS

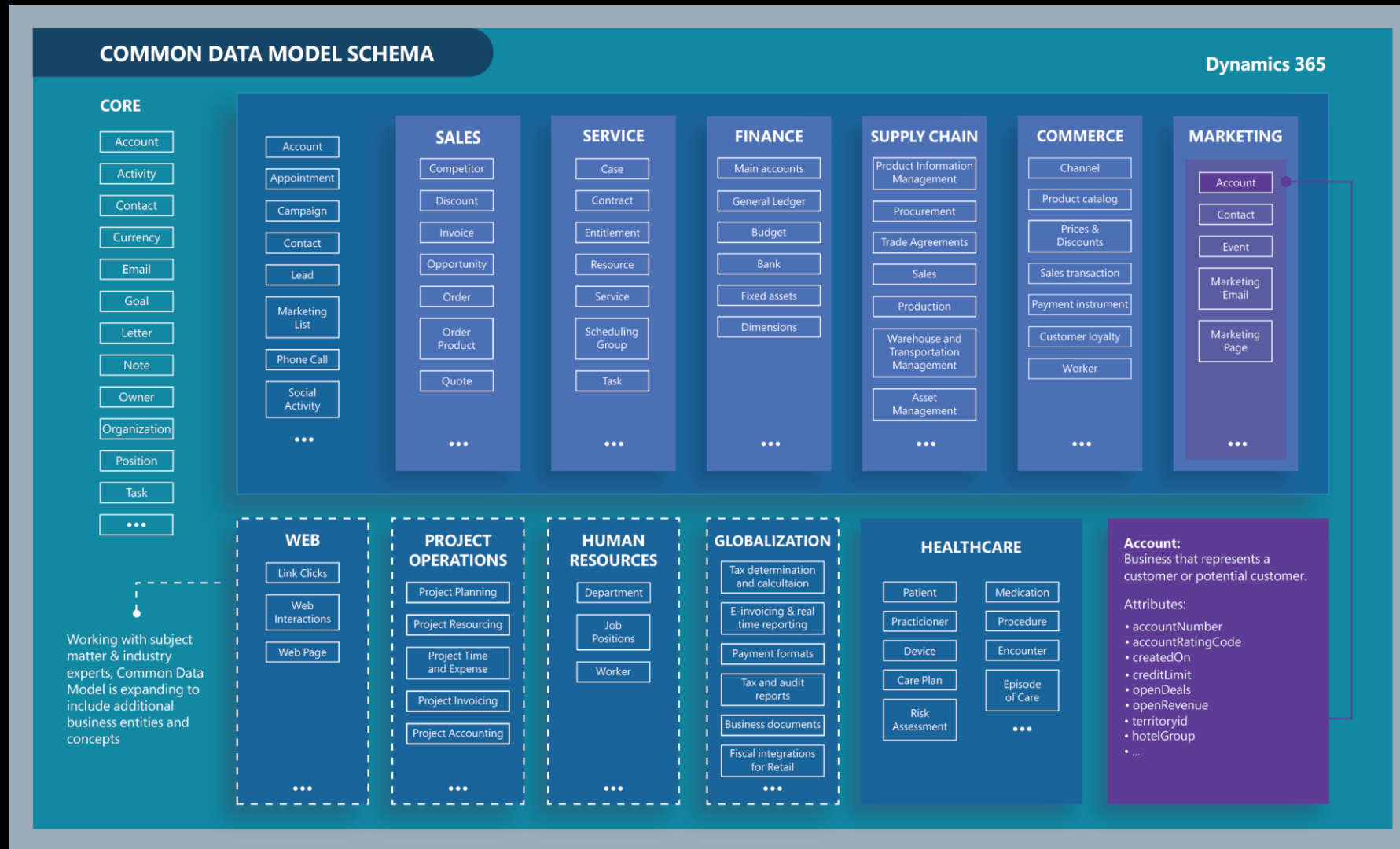


EXPANDING TO **SPECIFIC**
VERTICAL INDUSTRIES



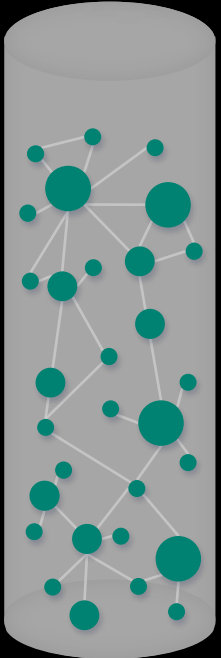
FULLY EXTENSIBLE
FRAMEWORK

The Common Data Model

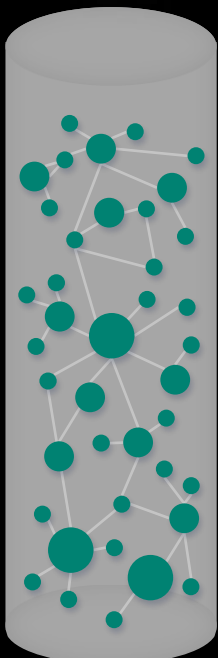


Data is stored within internal and external silos

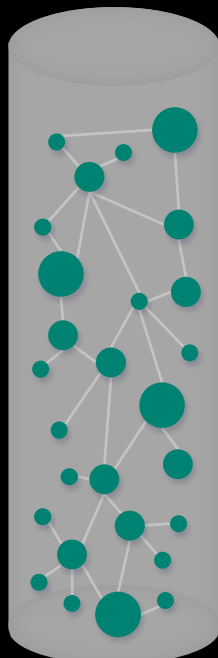
Mobile/Web



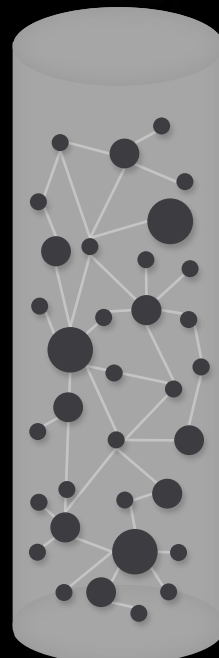
Transactions



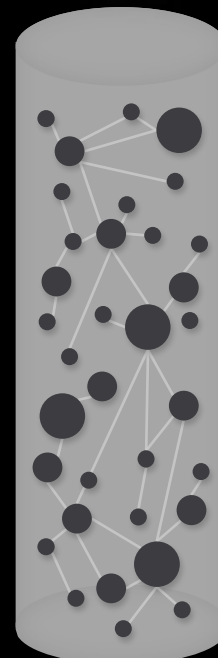
IoT



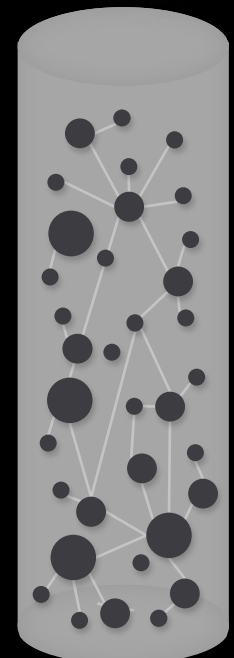
Social



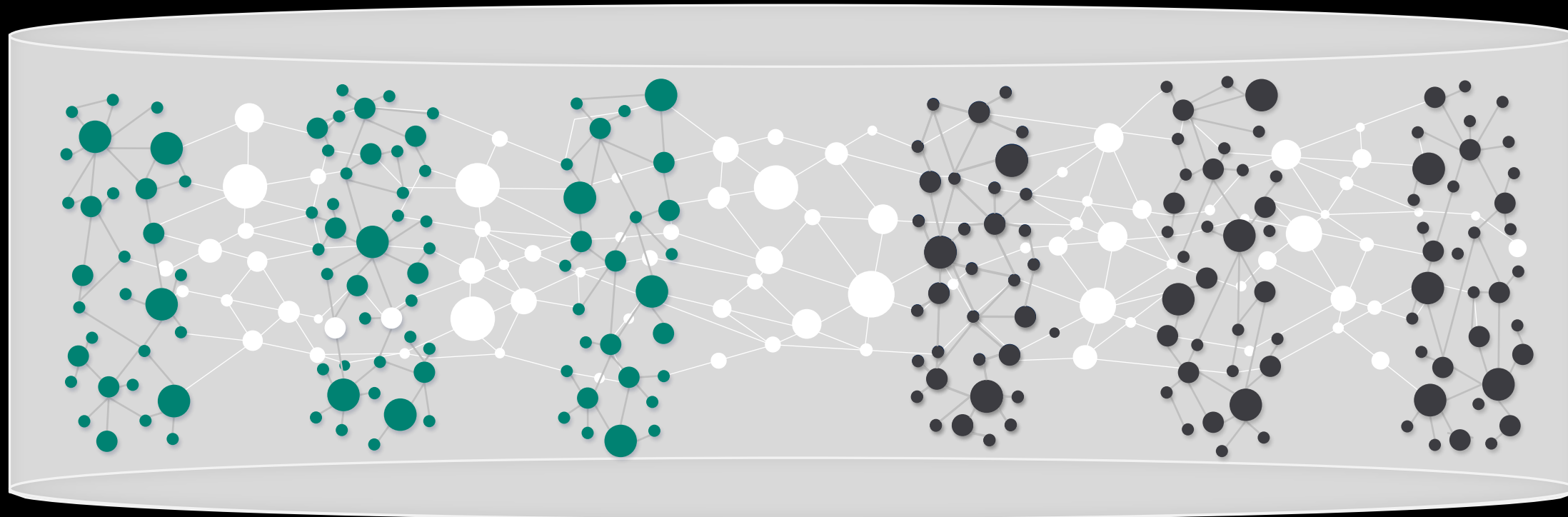
Advertising



Marketplace

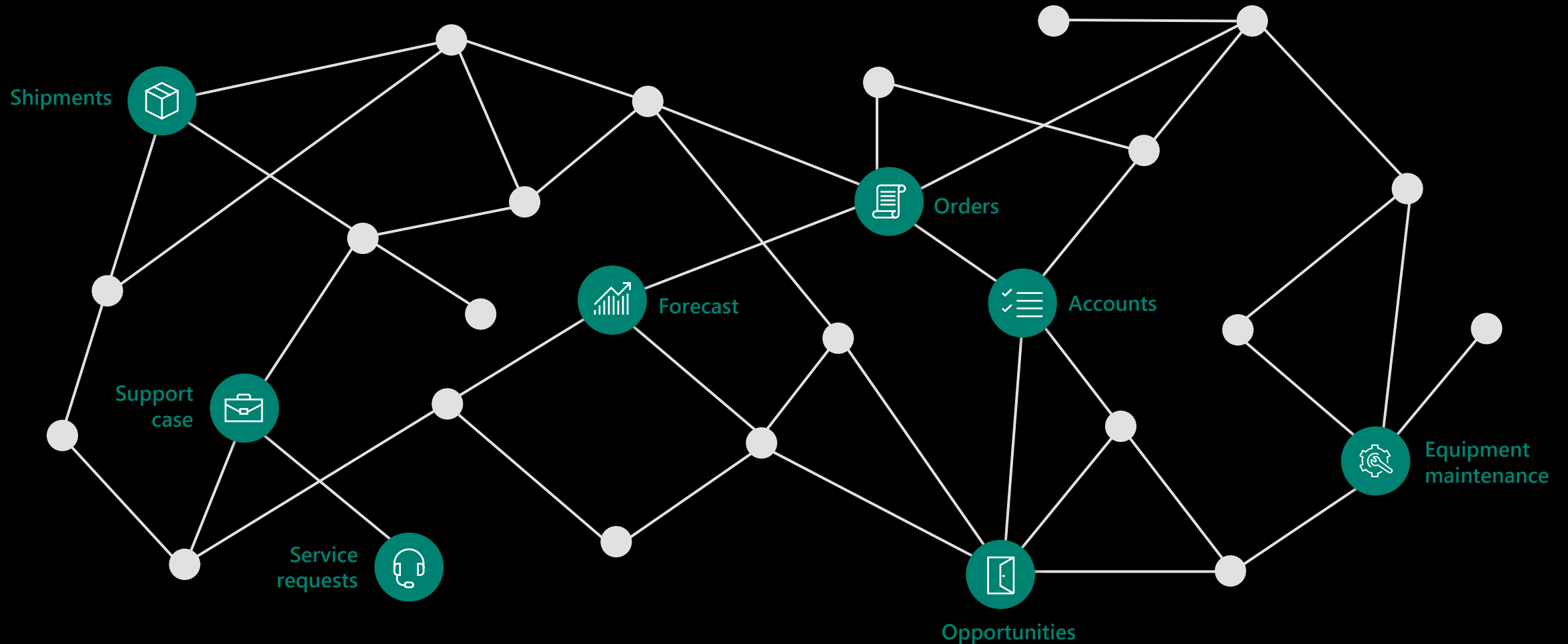


Need a shared data model with rich semantics



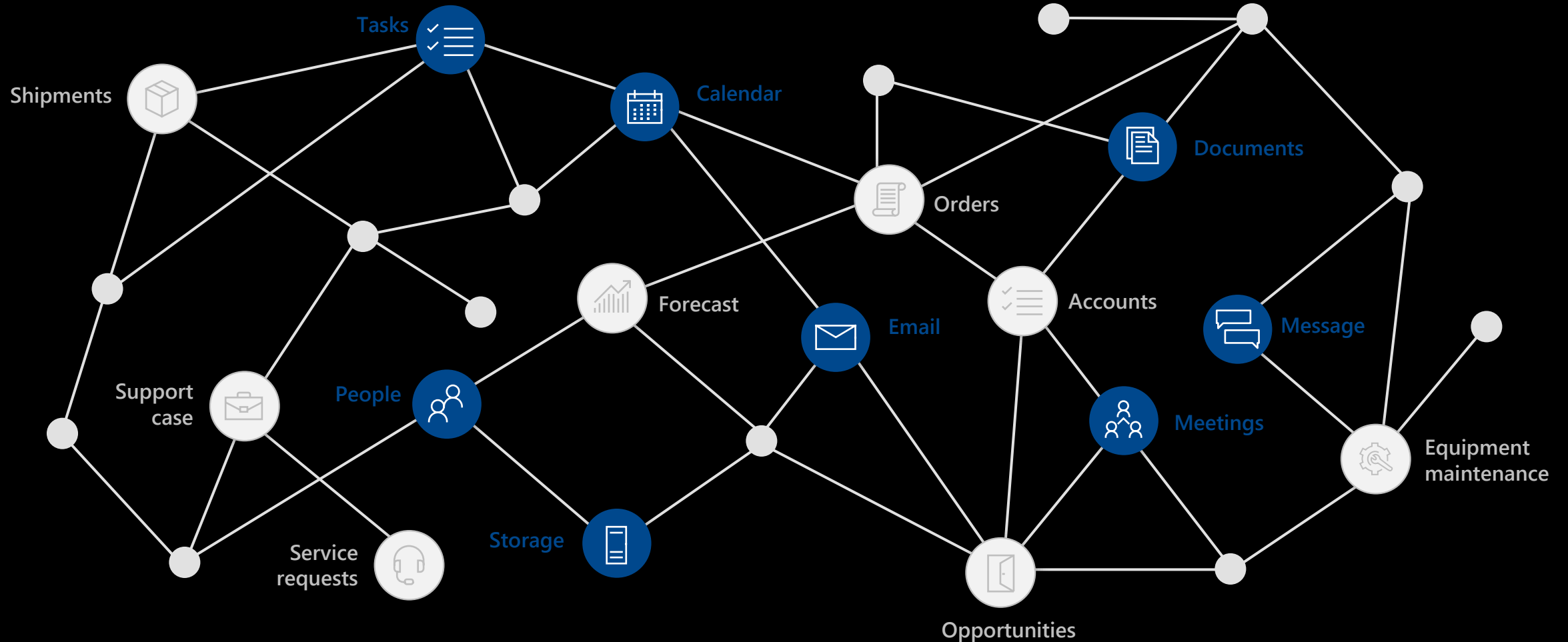
Harness the power of integrated data

Dynamics 365



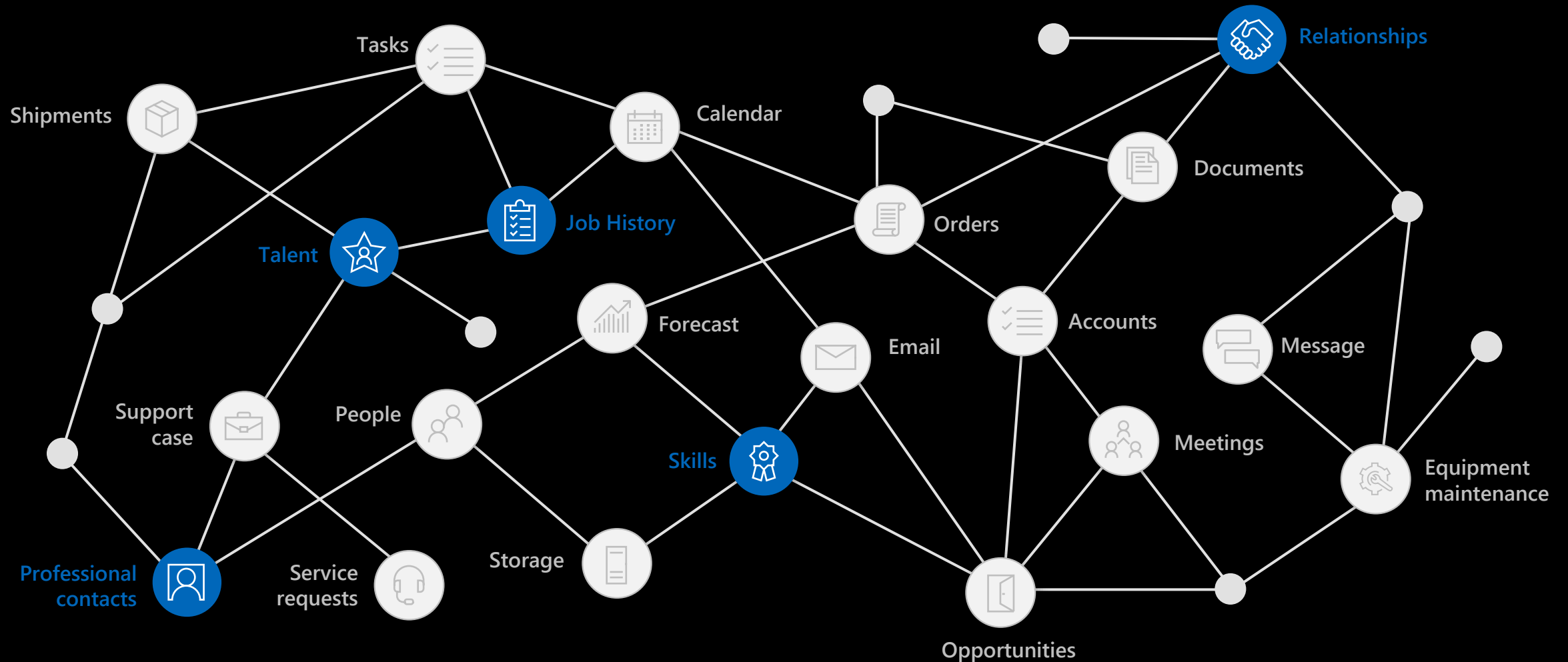
Harness the power of integrated data

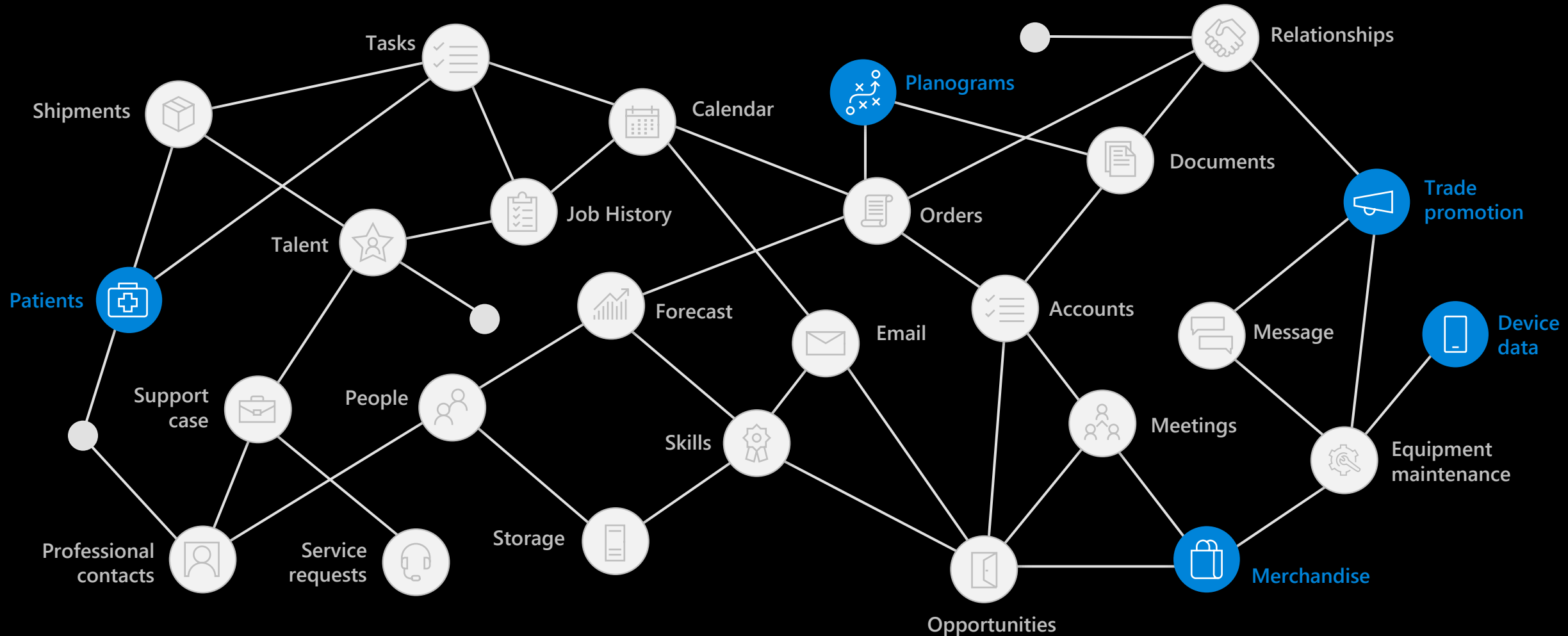
Dynamics 365 + Office 365



Harness the power of integrated data

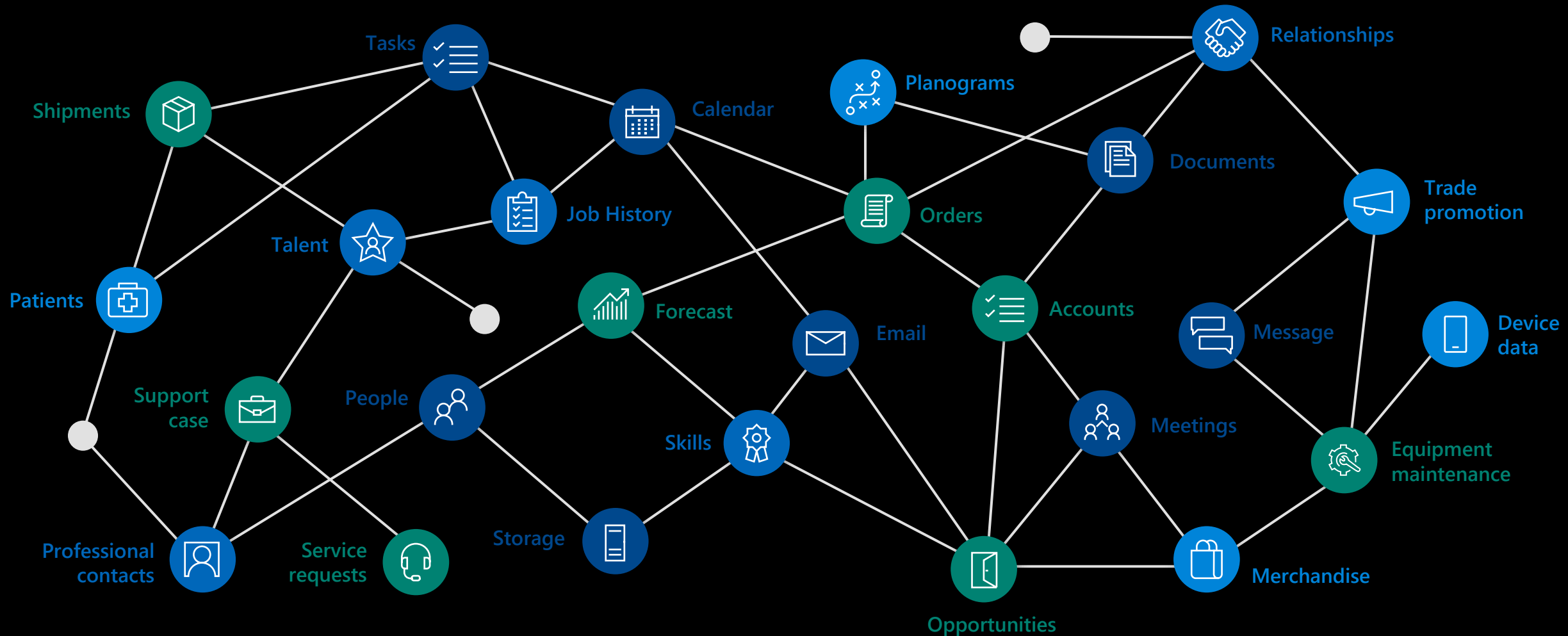
Dynamics 365 + Office 365 + [LinkedIn](#)





Harness the power of integrated data

Dynamics 365 + Office 365 + LinkedIn + Partner Solutions



Priority Industries



Nonprofit



Education



Financial Services



Government



Media & Communications



Health



Manufacturing



Automotive



Retail

Industry sub-verticals

<div>Higher Education</div> <div>K-12</div> <div>Education</div>	<div>Banking & Capital Markets</div> <div>Insurance</div> <div>Financial Services</div>	<div>Defense & Intelligence</div> <div>Public Safety & Justice</div> <div>Public Health & Social Services</div> <div>Transportation</div> <div>Public Works & Infra</div> <div>Tax & Finance</div> <div>Government</div>	<div>Media & Entertainment</div> <div>Telecommunications</div> <div>Media & Communications</div>
<div>Providers</div> <div>Payors</div> <div>Pharmaceuticals</div> <div>Health</div>	<div>Discrete Manufacturing</div> <div>Chemical & Agriculture</div> <div>Energy</div> <div>Manufacturing</div>	<div>Customer Engagement</div> <div>Connected Vehicles</div> <div>Auto Manufacturing</div> <div>Automotive</div>	<div>Retail</div> <div>Consumer Packaged Goods (CPG)</div> <div>Retail</div>

Industry Solution Accelerators

Why



Collective ecosystem led by Microsoft with shared data models everyone can build on



Accelerate application development with CDMs based on leading industry scenarios



Pre-built samples can decrease costs & accelerate time to market



Easily leveraging multiple CDMs across solutions



Underlying CDM accrues benefits across all Microsoft products



Utilize standard libraries and templates for common industry integration patterns



Enable a true connected experience for solutions across key industry scenarios

What



Common Data Models extended with leading industry standards



Connected Scenarios tailored to specific key industry areas



Samples to jumpstart development



Open source code on GitHub & AppSource

AVAILABLE ON
Microsoft AppSource

Get started with Dynamics 365 + the Power Platform

Microsoft 365 Admin Center

Get started with Dynamics 365 + the Power Platform

Power Platform Admin Center

Get started with Dynamics 365 + the Power Platform

Power Platform Makers Portal

What did we cover today?



Understanding the digital transformation journey with Dynamics 365 and the Power Platform



Where to get started setting up your environment and building your solution



Walkthrough of the Microsoft 365 Admin Center



Overview of admin.powerplatform + make.powerapps

Coming up next:

June 16, 2020

Introduction to application development

- The Common Data Service
- Model-driven and Canvas Applications
- Power Apps Component Framework



Questions?

Thank You!