



Beyond Automation: Agentic AI as Your Legal Co-Counsel

Charlie Harrison,
APAC Corporate Chief Technology Officer

Generative AI trends

93%

organizations are experimenting
with multiple models¹

61%

people are wary about
trusting AI systems³

50%

enterprises using generative AI will
launch agentic AI pilots by 2027²

30%

or fewer generative AI experiments
moved to production⁴

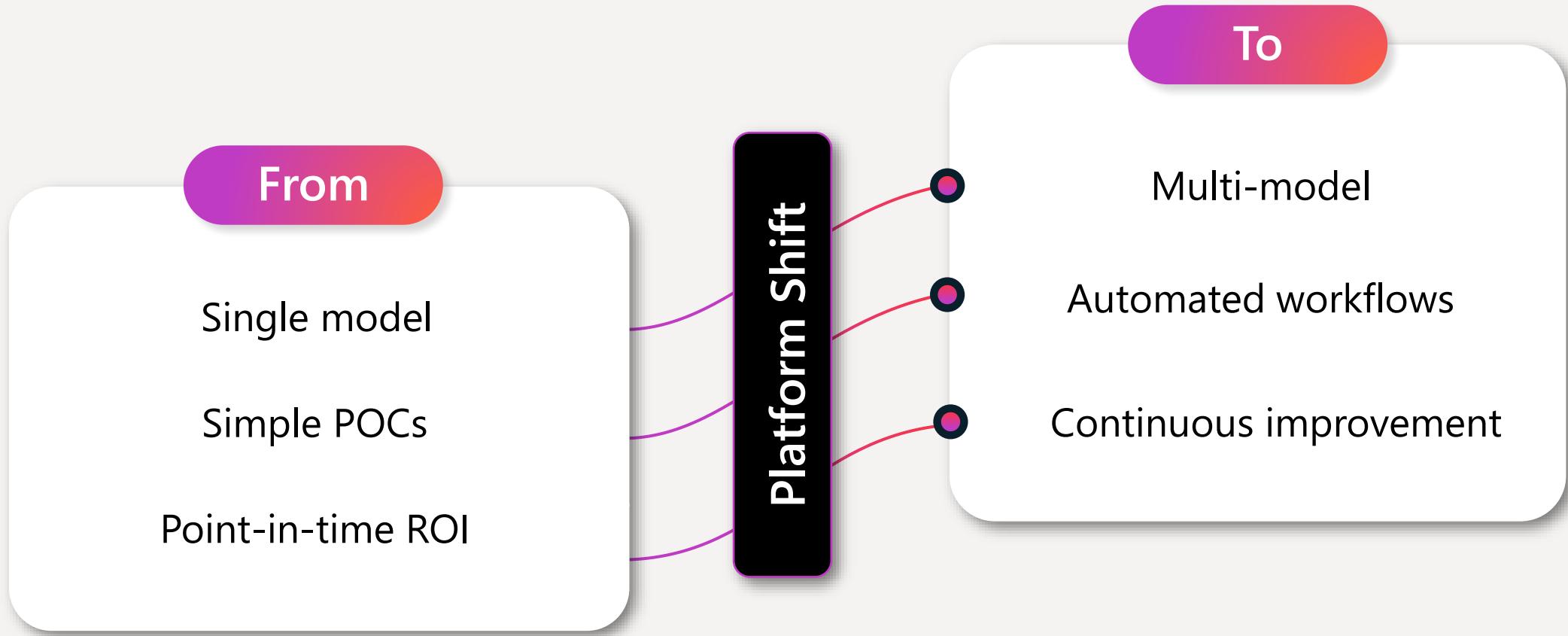
1. 16 Changes to the Way Enterprises Are Building and Buying Generative AI | Andreessen Horowitz

2. Autonomous generative AI agents | Deloitte Insights

3. Trust in artificial intelligence – 2023 Global study on the shifting public perceptions of AI, KPMG

4. GenAI and the future enterprise | Deloitte Insights

The next AI platform is here



To make this a reality, successful AI applications require:

Data layer

Enterprise-wide data
and organizational
context

Intelligence layer

AI development
platform and
powerful AI models

Organizations face dual challenges in AI application development

The data landscape

Multiple analytics services

Disconnected data sources

Isolated application

The AI development landscape

Lacking integrated tools, insecure data grounding, challenging orchestration

Ineffective deployment of AI across websites, applications, and production environments

Restrictive pre-defined models that are challenging to customize

Security and data privacy risks



Microsoft Fabric

The data platform for the era of AI

AI-powered data platform

Give your teams the AI-powered experiences needed for any data project in a pre-integrated and optimized SaaS environment

Open and AI-ready data lake

Access your entire multi-cloud data estate from a single data lake, work from the same copy of data, and ensure data is ready to power AI innovation

AI-enabled business users

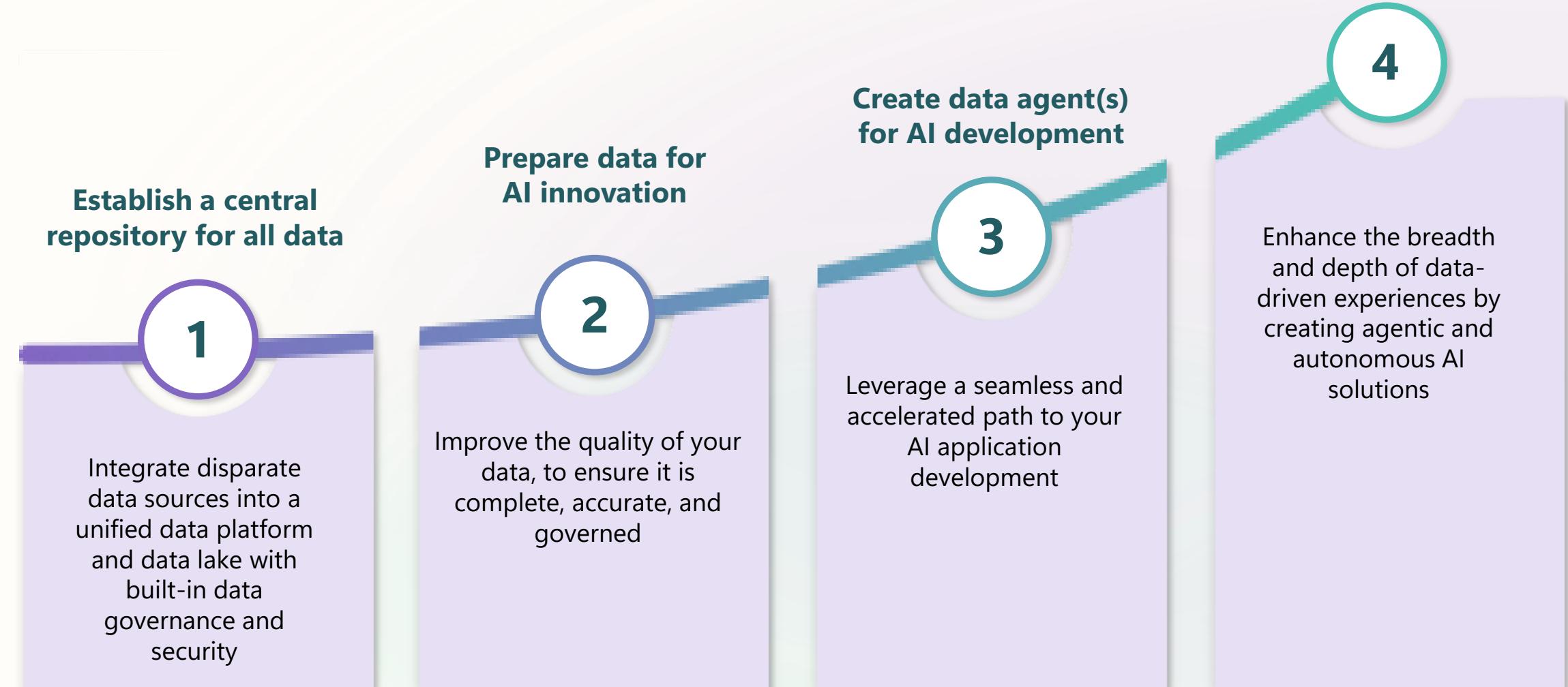
Empower everyone to better understand data with AI-enhanced experiences and visuals embedded in the apps they use everyday

Mission critical foundation

Deploy and manage Fabric with category-leading performance, instant scalability, shared resilience, and built-in security, governance, and compliance

The path to successful AI application development grounded with Enterprise data

Build custom AI experiences grounded with your data





Microsoft Foundry

Copilot Studio

Visual Studio

GitHub

Azure AI
Foundry SDK

Foundational models

Open-source models

Task models

Industry models



Azure
OpenAI Service



Azure
AI Search



Azure AI
Agent Service



Azure AI
Content Safety



Azure Machine
Learning

Evaluations

Customization

Governance

Monitoring

Observability

60,000+ customers build with Azure AI Foundry

The logo for ontada, featuring the word "ontada" in a white sans-serif font. The letter "o" has a green "on" prefix.

ontada

A photograph of a modern office lobby with a polished wooden floor, a white sofa, and a few black armchairs.The logo for dentsu, featuring the word "dentsu" in a large, white, sans-serif font.

dentsu

A photograph of a young man wearing glasses and a cap, sitting at a desk and working on a laptop.A photograph of a woman with short blonde hair and glasses, looking down at something in her hands.The logo for H&R Block, featuring the words "H&R BLOCK" in a white sans-serif font next to a white square icon.

H&R BLOCK

A photograph of a woman with curly hair, wearing a denim jacket, looking at a tablet device.

Let's dive in

INNOVATE
with the best models

SAFEGUARD
your systems

DIFFERENTIATE
your experiences

MANAGE
in production

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Difficulty
selecting models
and services

New models
launching
and evolving

Unpredictable
computing
costs

Innovation challenges

You can benchmark, evaluate, and test models
to select what's best **for your use case**

Find the best model for every application

Avoid model lock-in:

- Flexible model selection
- Curated for enterprise
- Explore, compare and swap models quickly
- Test before deploying

1800+ Frontier, task and open models
in Azure AI model catalog



OpenAI
Model Family
(available day 1)



Phi SLM
Model Family



Mistral AI
Model Family



Meta Llama 2
Model Family



Jais G42
Model Family



Snowflake
Model Family



Cohere
Model Family



Databricks
Model Family



Hugging Face
Collection



NVIDIA
Model Family



Deci AI
Model Family



Nixtla
Time-Gen1 Model



NTT Data
Model



Industry models:



Live Demo 1



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Complex, manual
and time-consuming
workflows

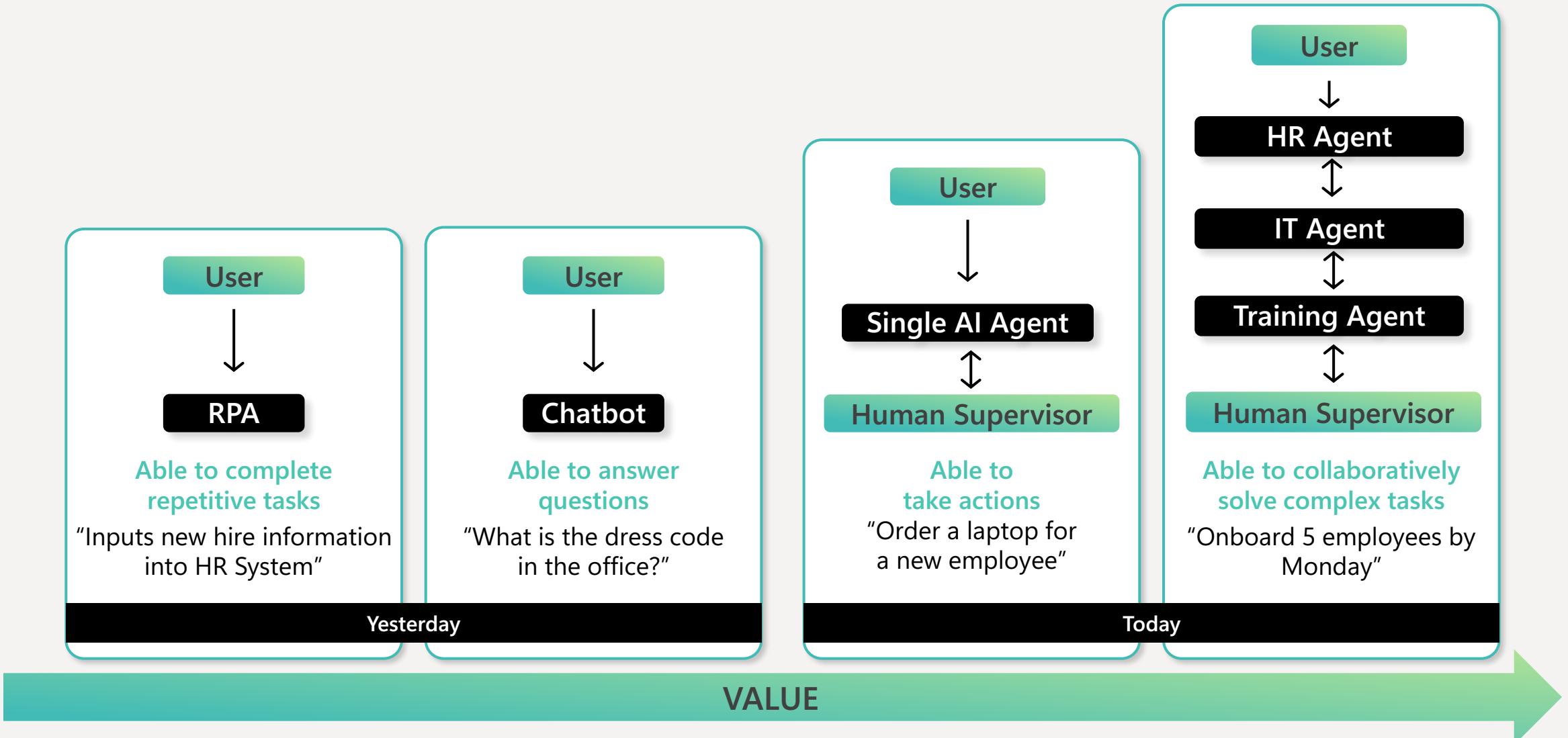
Need for response
accuracy and
relevance

Building scalable
solutions for
enterprise needs

Automation challenges

Build agentic generative AI experiences which are
richly grounded and customized

Evolution of AI capabilities and automation

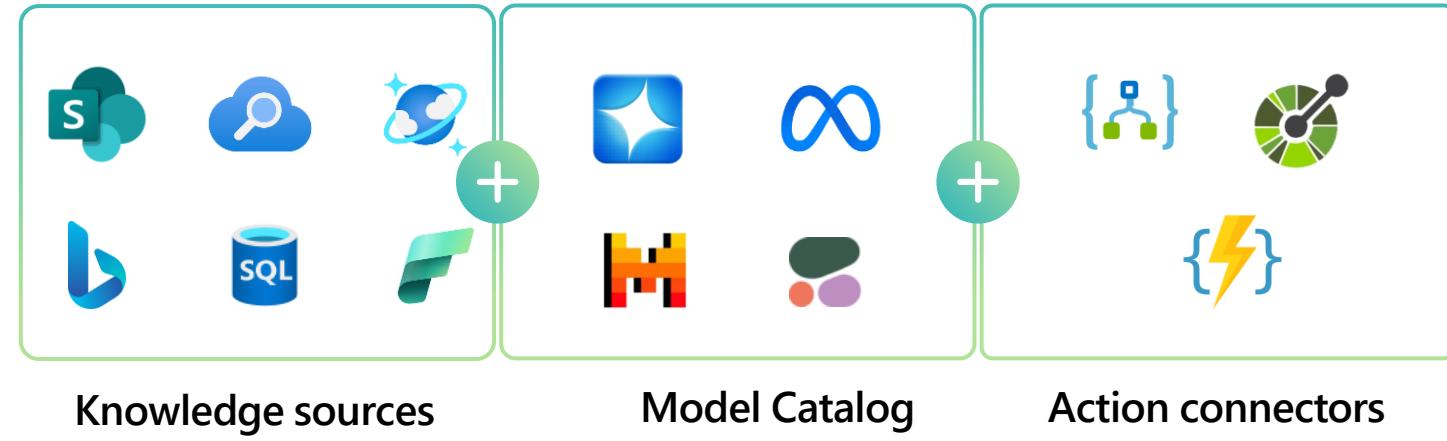


Deploy and scale AI agents with ease

Azure AI Agent Service:

- Enterprise-grade security
- Extensive data connections
- Flexible model selection
- Rapid development and automation

Azure AI Agent Service



← Agents playground

Overview

Model catalog

Playgrounds

AI Services

Build and customize

Agents PREVIEW

Code PREVIEW

Fine-tuning

Prompt flow

Assess and improve

Tracing PREVIEW

Evaluation

Safety + security

My assets

Models + endpoints

Data + indexes

Web apps

Management center

Connected resource

ai-hub-demo-xih6-connection-AIServices_aoai

+ New agent

Delete

View code

Clear chat

Logs

Thread files



JSON response ⓘ 0 tokens ⓘ

New thread started

thread_wEv1ISSloqArQ5rxUjcREmH2 ⓘ

Setup

Hide

Agent id ⓘ

asst_L2GCrxlea7gMBDCIUYJsYePn

Agent name

LeadGenerationAgent

Azure OpenAI resource connection ⓘ

ai-hub-demo-xih6-connection-AIServices_aoai

Azure AI Search resource connection ⓘ

ai-hub-demo-xih6-connection-AISearch

Deployment *

Create new deployment

gpt-4o (version:2024-05-13)

Instructions ⓘ

You will help generate a personalized email message for a customer who is interested in automating a business process with AI using Microsoft products.

You will then use this information to perform the following steps in order:

1. **Perform research** – use the Bing search tool to find relevant information about the industry and business process and how AI can be used to automate it.

It's currently November 21st, 2024, use announcements that just happened at Microsoft Ignite 2024. Create 3 parallel searches for features from Copilot Studio, Azure AI Foundry, and Microsoft 365 Copilot.

- You **must** ensure the email does not include any references to competitors to Microsoft.

Type user query here. (Shift + Enter for new line)

Messages in the Agents playground are visible to anyone with access to this resource and using the API.

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New attack
methods are
emerging

Bad actors
are also using
generative AI
tools

Laws are
evolving in
tandem

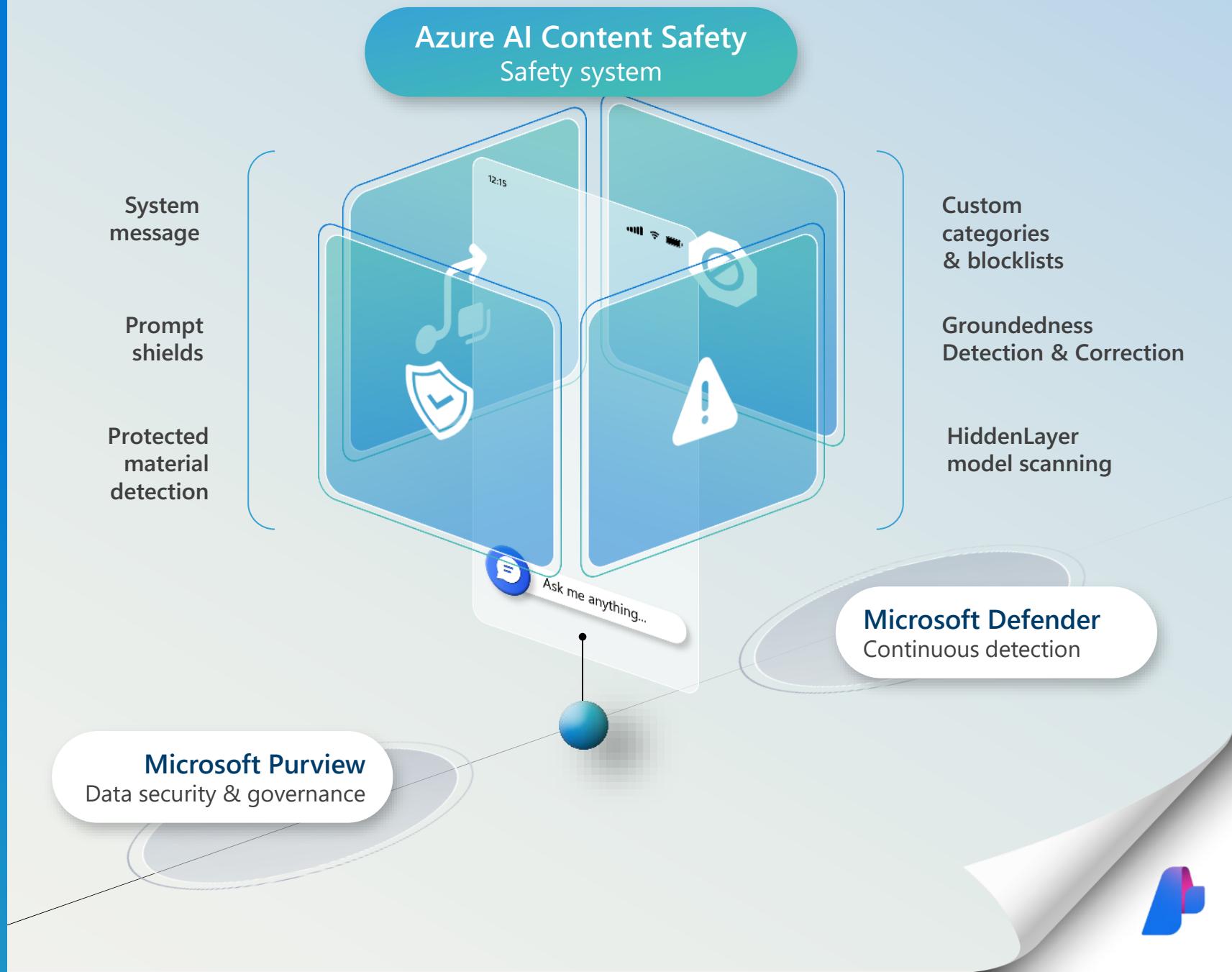
Trustworthy AI challenges

Organizations can take a
proactive approach to mitigating risk

Drive innovation with a built-in, comprehensive safety system

The Azure AI Foundry difference:

- Security and governance
- HiddenLayer model scanning
- Copyright commitment



| SAFE GENERATIVE AI IN CLASSROOMS



"We wouldn't have been able to proceed at this pace without having the content safety service in there from Day 1. It's a must-have."

Simon Chapman,
Director of Digital Architecture,
South Australia Department for Education



Business Goal

Safely bring generative AI into classrooms to assist with research and enhance educational experiences.

Technology Solutions

The South Australia Department for Education, in partnership with Microsoft, launched 'EdChat,' a generative AI-powered educational chatbot, to safely incorporate AI technology into classrooms. To ensure a safe experience with EdChat, they implemented [Microsoft's Azure AI Content Safety](#), which employs advanced models to identify and mitigate harmful and risky content. This safeguarding measure was crucial for the successful deployment of EdChat in schools and underscored the Department's commitment to creating safe digital learning spaces.

Key Products

[Azure AI Content Safety](#)
[Azure OpenAI Service](#)
[Azure Machine Learning](#)

Impact

Pilot with 1,500 students, 150 teachers showed safe, effective learning support while avoiding harmful content exposure.



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Collaborate with cross-functional teams

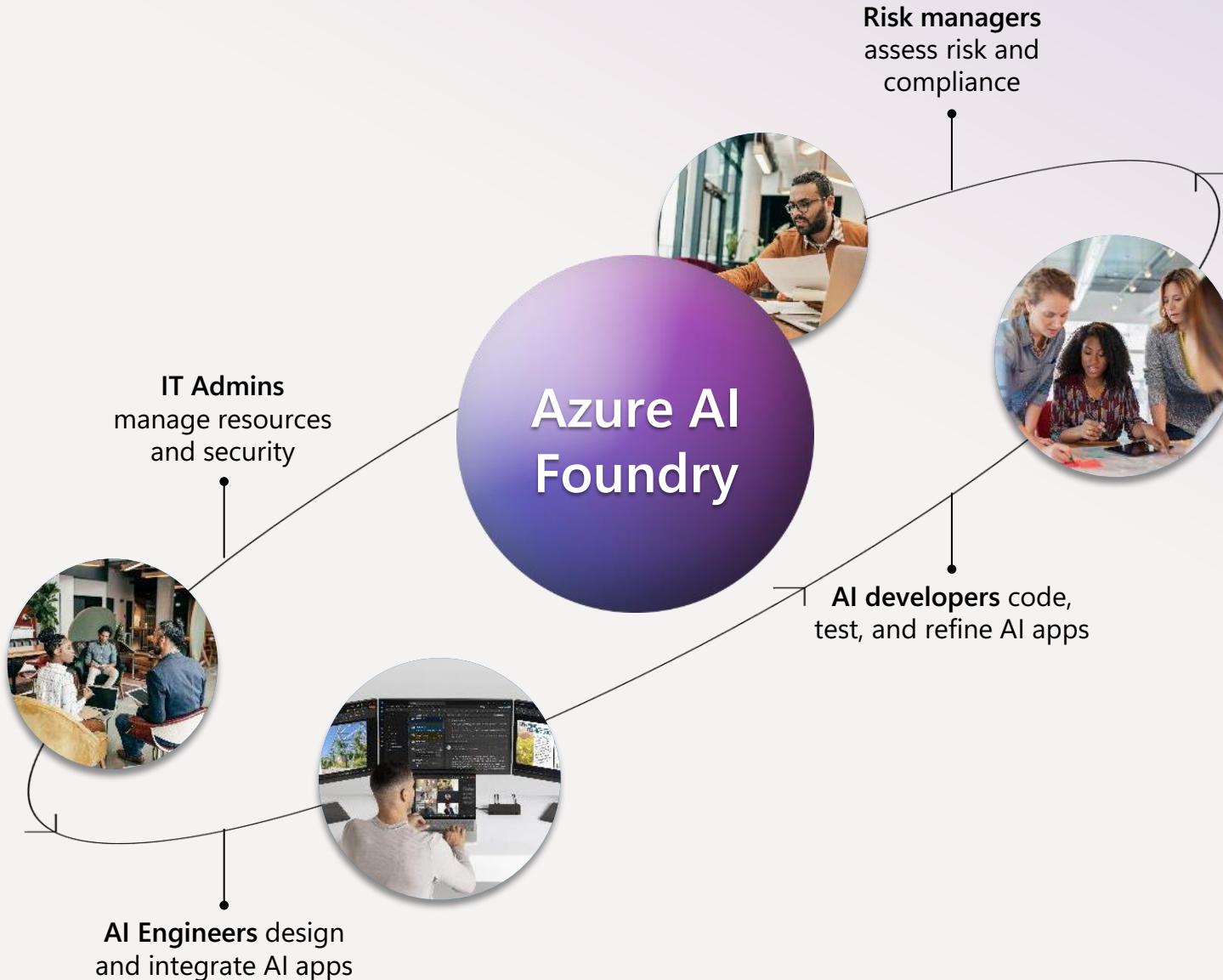
Understand performance and trade-offs

Privacy, security, and compliance complexity

Operational challenges

Continuously **monitor and manage** performance, security, and compliance across environments

Business agility requires a holistic approach to AI observability and governance





Contracting – AI Optimized Contract Management

Condense intricate agreements, pinpoint essential clauses, flag potential risks, compare contracts, compile insights, draft clauses and research legal structures for increased velocity and better decision-making.

KPIs Impacted

Cost per Internal Review

Contract error rate

No Code

M365 Copilot



Low Code

Copilot Studio



Pro Code

Azure AI Foundry



Contract Review

Scenario Use GenAI to quickly compare contracts and identify key differences

Data Tenant graph, third party data via graph connectors and personal data

Channel Employee Facing

Customer Success Stories



Contract Review grounded on Legal System

Connect to line of business (legal records) data to improve answers

e-signature and extensibility

Scenario Ask for specific details from a complex contract and note items related to disputes in the legal system

Data Integrate with line-of-business data through 1,500+ connectors

Channel Employee Facing

Customer Success Stories



Contract creation, review and management

Fully customizable (i.e. choice of LLM model)

Extensive fine-tuning

Consistent format according to internal standards

Connect to line of business (legal records) data to improve answers

e-signature and extensibility

Scenario Automate contract drafting with pre-approved templates and clause libraries, and streamline first-pass reviews.

Data Integrate with line-of-business data through 1,500+ connectors

Channel Employee Facing

Customer Success Stories



Clifford Chance

Business Outcome: Reshape every business process

Industry: Professional Services

Country: United Kingdom

Publish Date: December 2023

Business Function: Legal

Azure OpenAI Service
Copilot for Microsoft 365
Microsoft Translator
Teams

[Read the full story here](#)



Clifford Chance uses AI to drive legal innovation

- Developed fastest growing cognitive translation products
- Enhanced data protection
- Increased cost saving from enhanced efficiencies

[Learn how to innovate with the Azure AI platform](#)

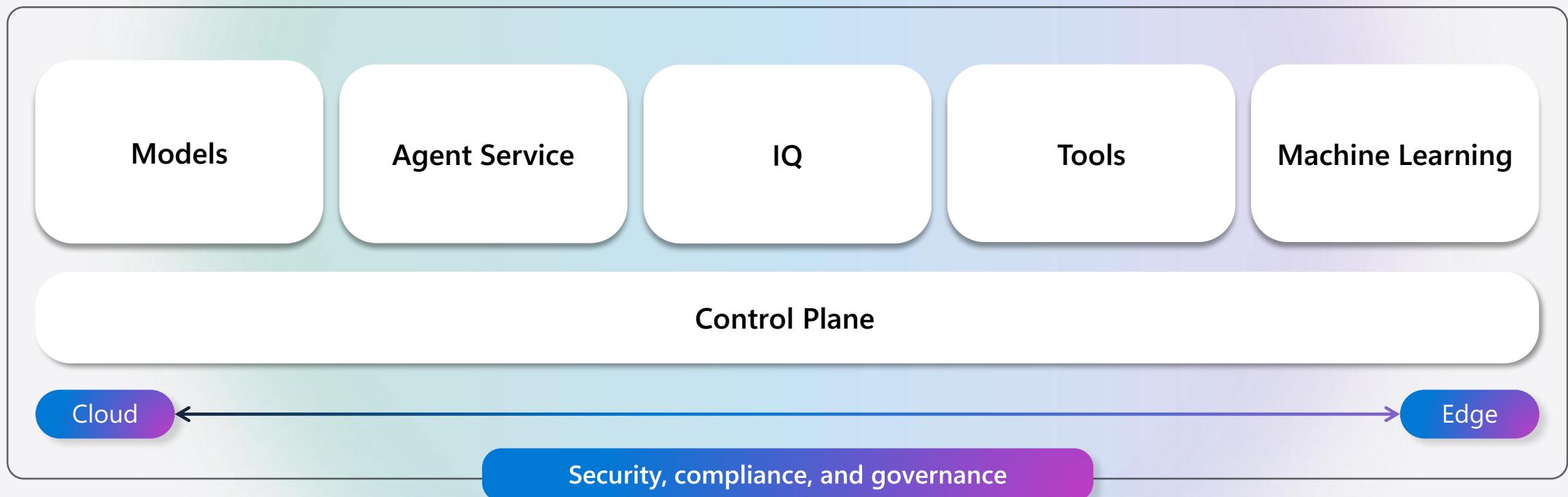
Demo 2





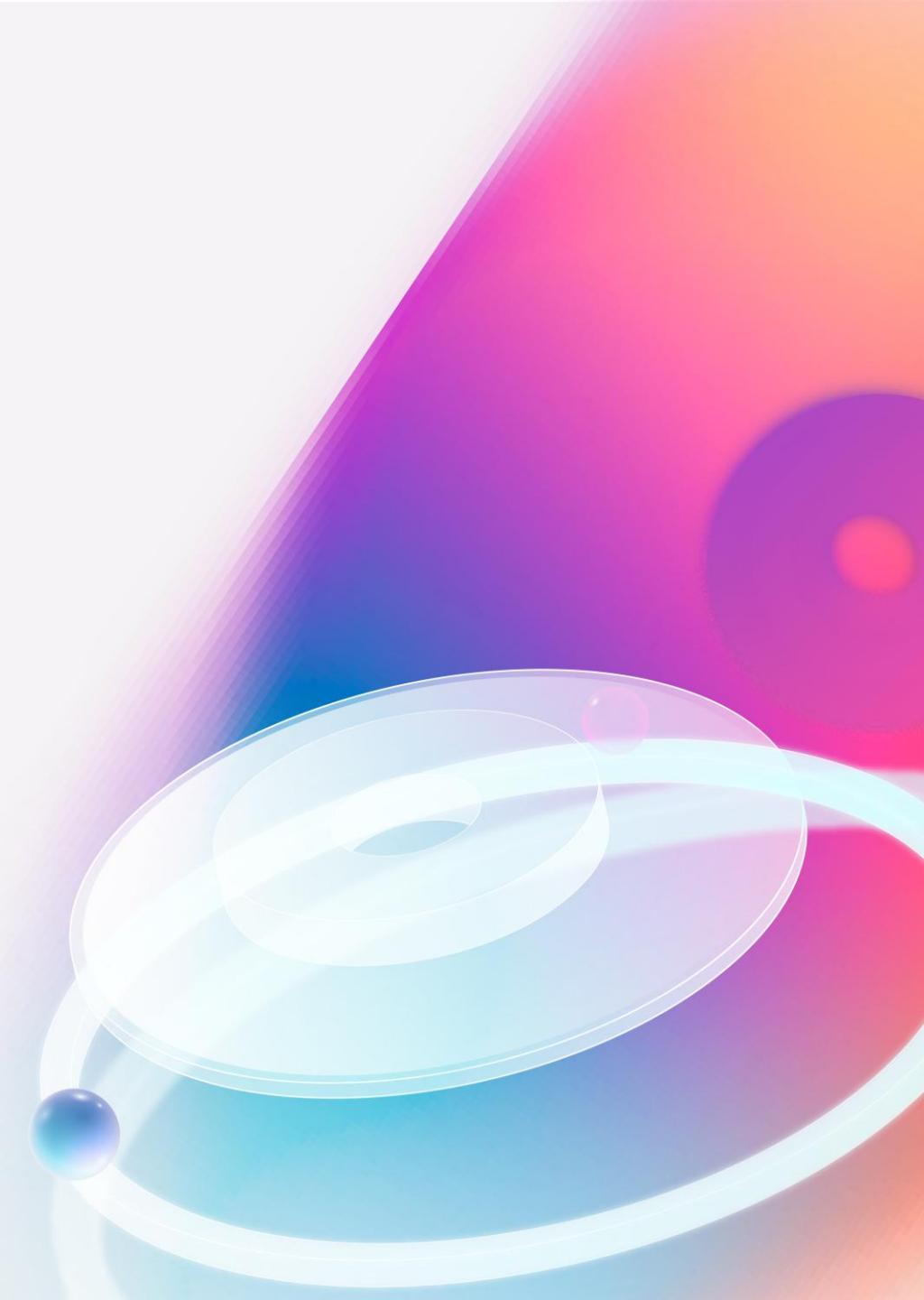
Microsoft Foundry

The AI app and agent factory





Foundry Agents



Public Preview



Microsoft Agent Framework

Open-source engine for building and orchestrating intelligent AI agents

Public Preview

Durable
extension

Public Preview

Purview SDK
integration

Public Preview

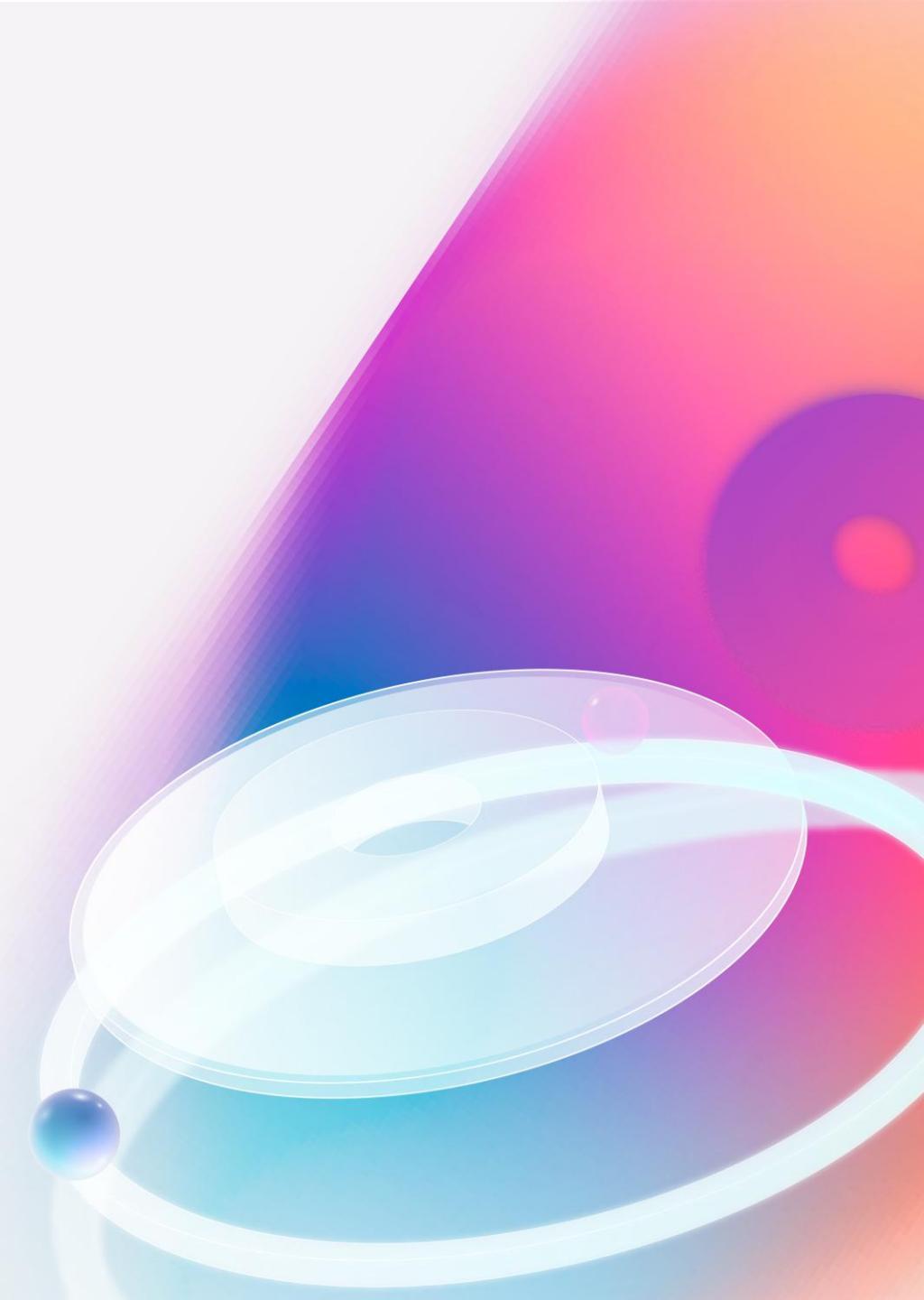
ChatKit & CopilotKit
integration

aka.ms/AgentFramework



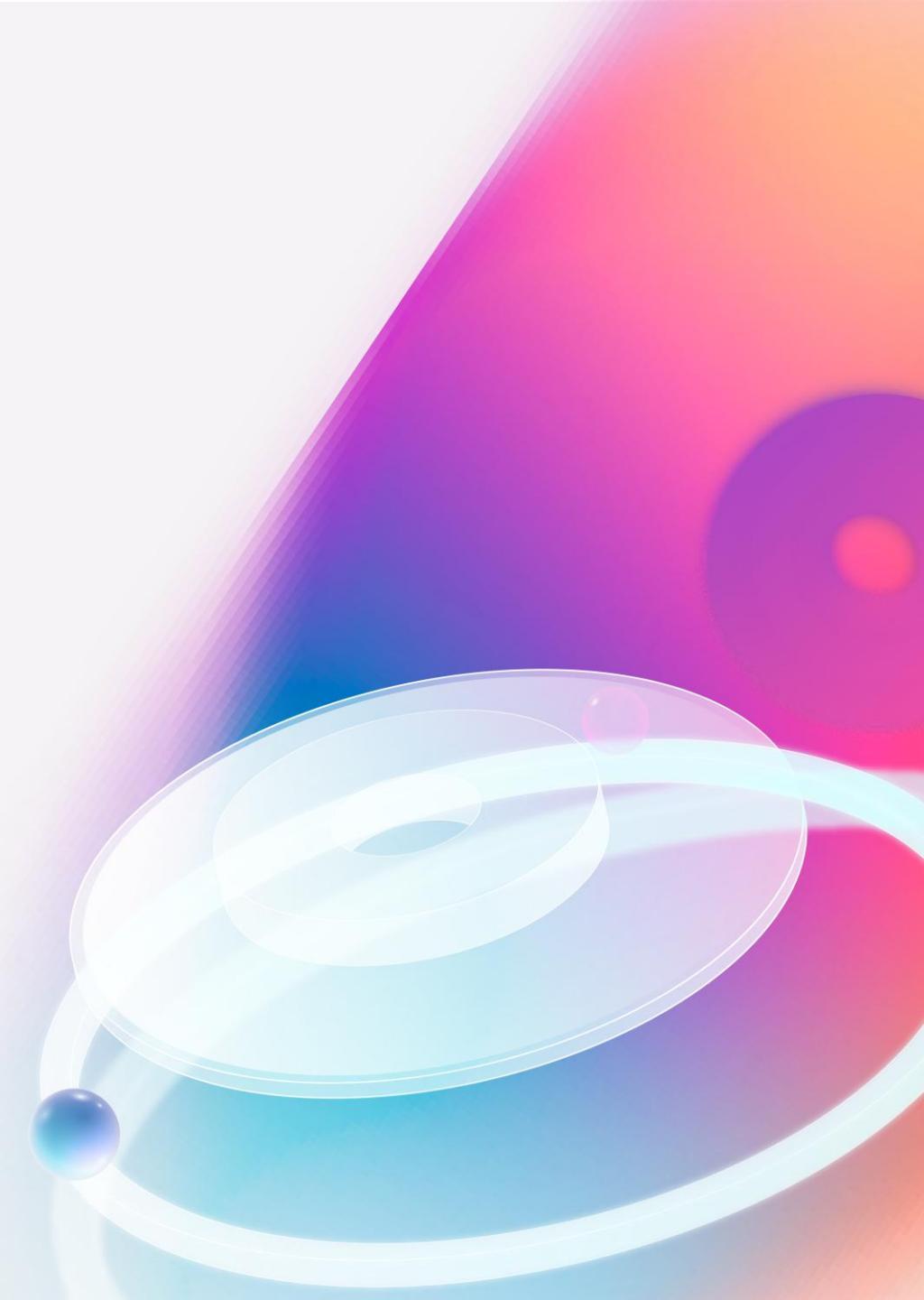
Anthropic on Azure

ANTHROPIC | Microsoft | NVIDIA.

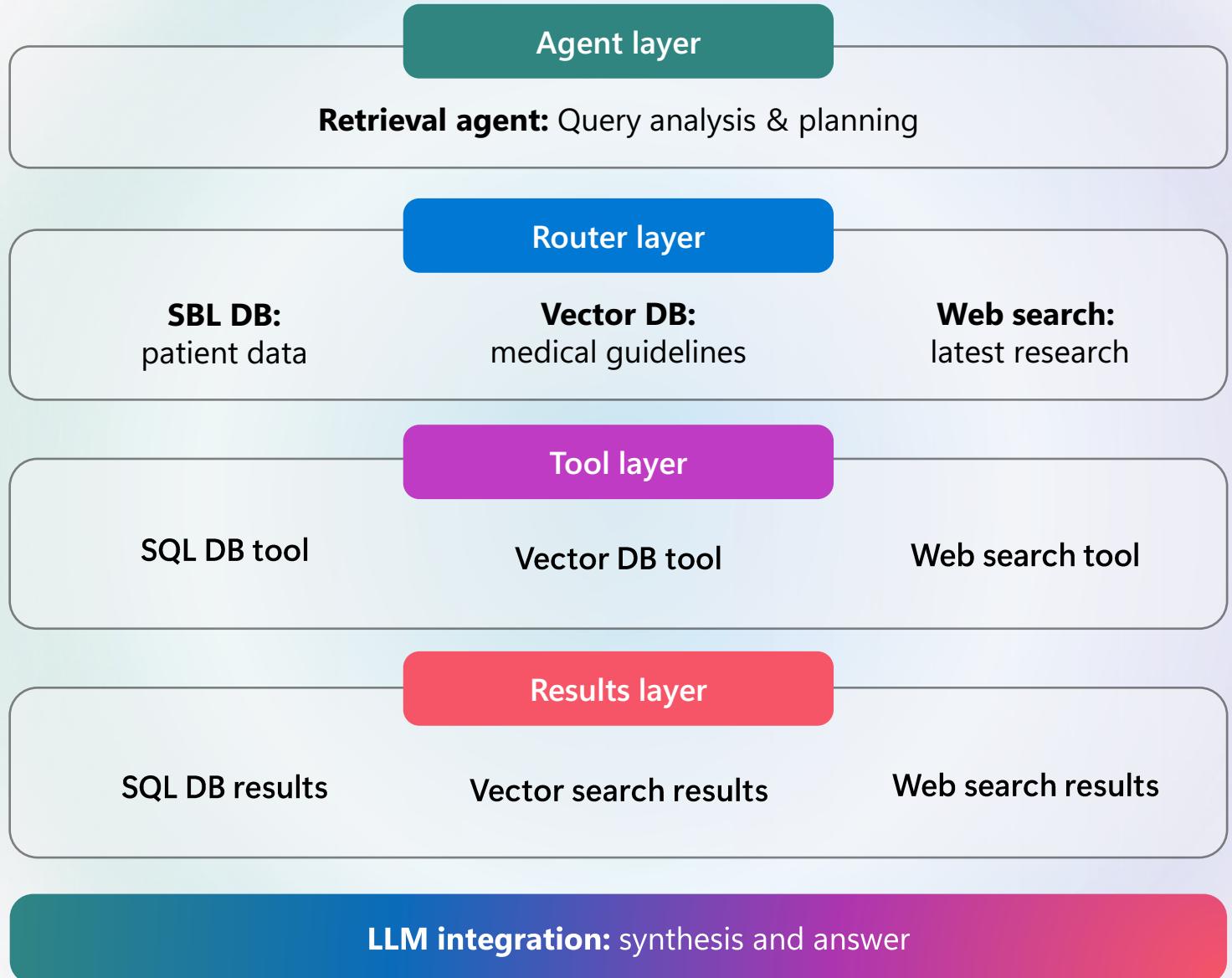




Foundry IQ



Multi-source, complex RAG pipelines



Public Preview

Foundry IQ

Powered by Azure AI Search

Public Preview

Agentic RAG
engine

Public Preview

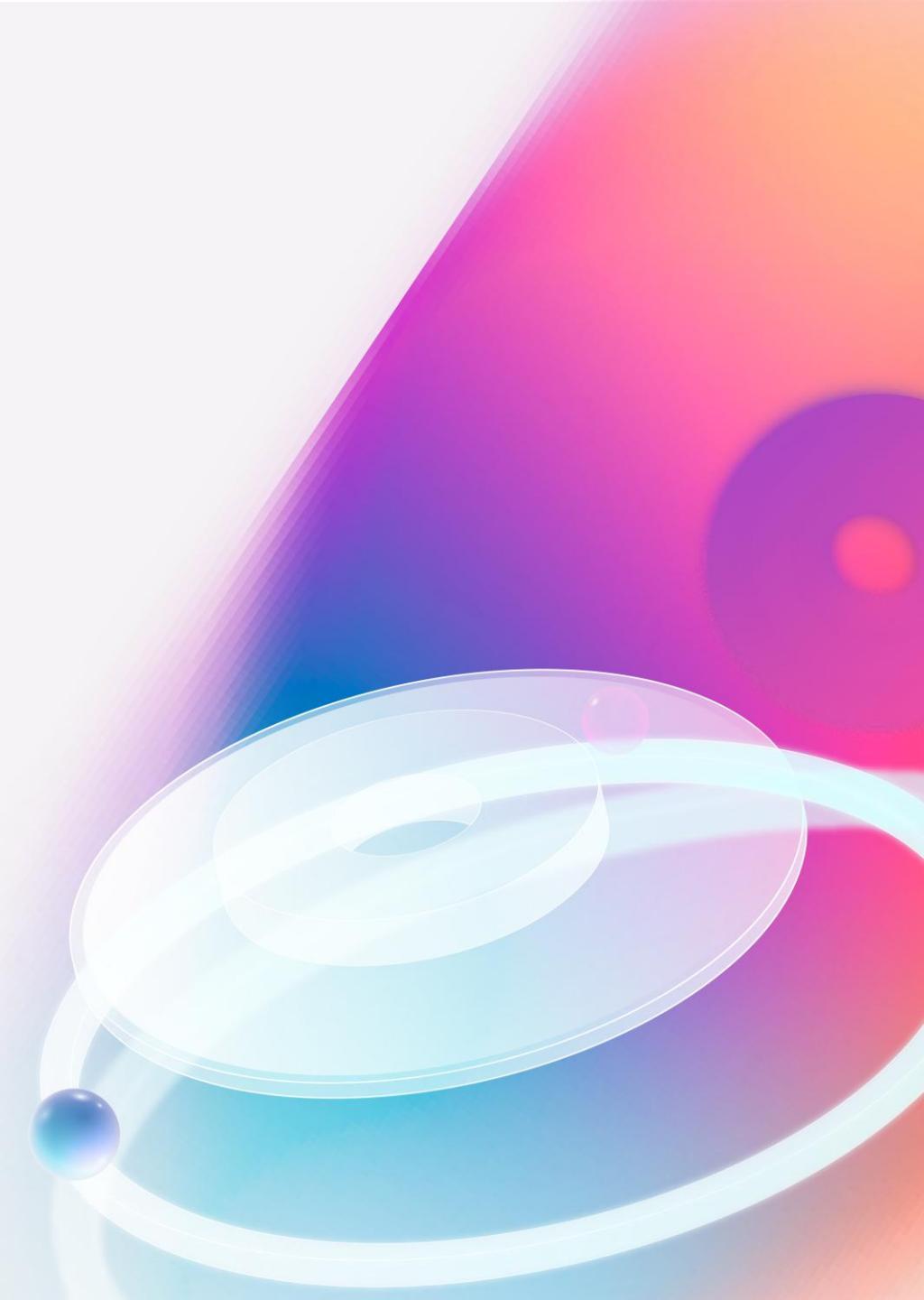
Breadth of data
connections

Public Preview

Enterprise-ready

aka.ms/FoundryIQ

Foundry Control Plane



Foundry Control Plane

Observe, secure and manage your fleet of agents in one place

End-to-End Observability

Understand how every agent behaves, performs, and costs

Define Agent Controls

Set behavioral rules and controls for agent inputs, outputs.

Secure Every Agent

Authenticate agents, protect sensitive data, and defend against security threats in real-time.

Command your Fleet

Manage 100% of your agents' lifecycle, health, and compliance.

Connect Every Agent

Unify governance across agents built in Foundry, Copilot Studio, and any cloud environment.

Microsoft runs on Foundry

Microsoft
Copilot

Microsoft 365
Copilot

Microsoft Security
Copilot

GitHub
Copilot

DAX
Copilot

We're with you ***every step*** of the way

AI Readiness
Assessment

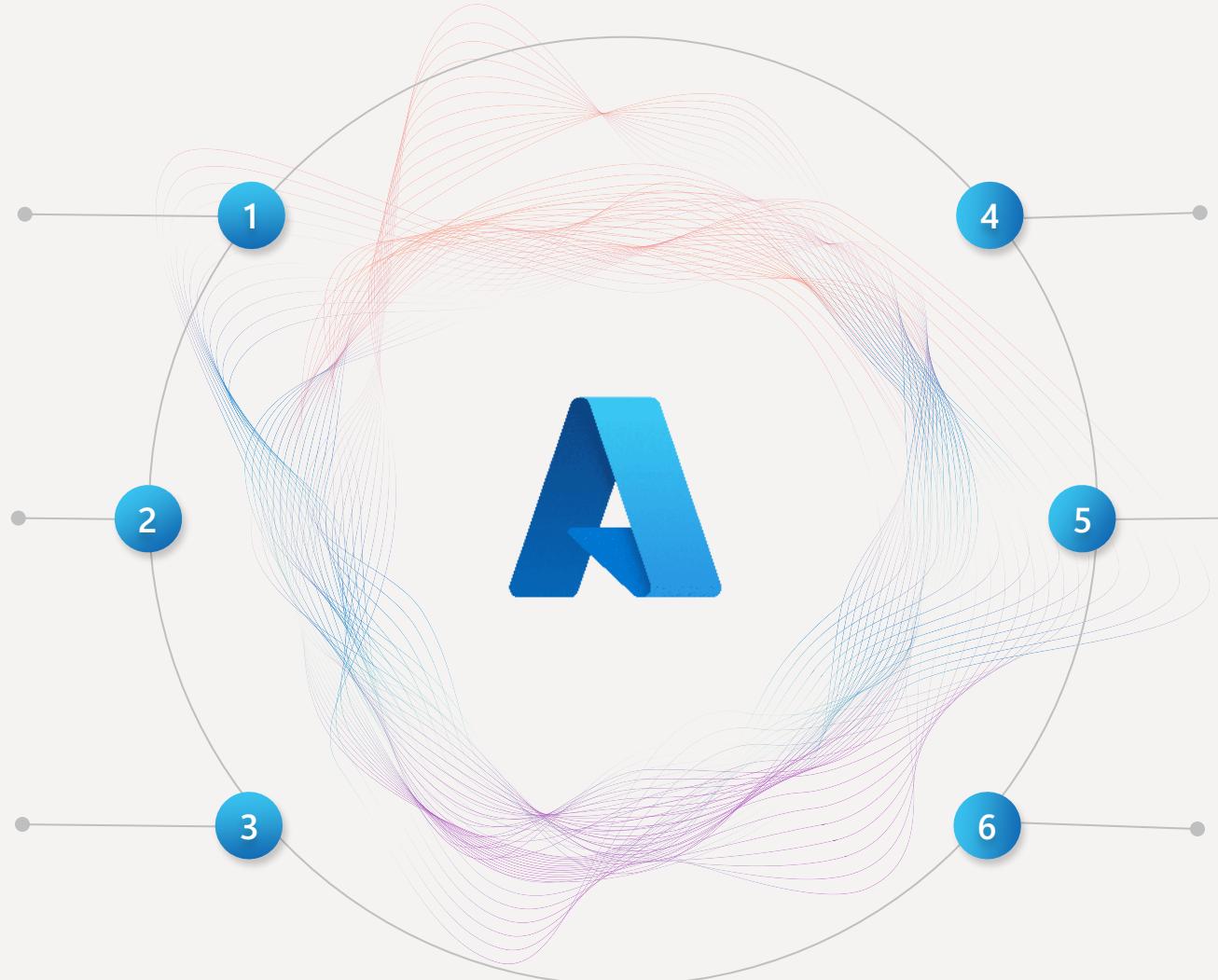
Envisioning
Workshops

Solution
Accelerators

Azure Innovate
Program

FastTrack Support

AI Landing Zone





Thank you