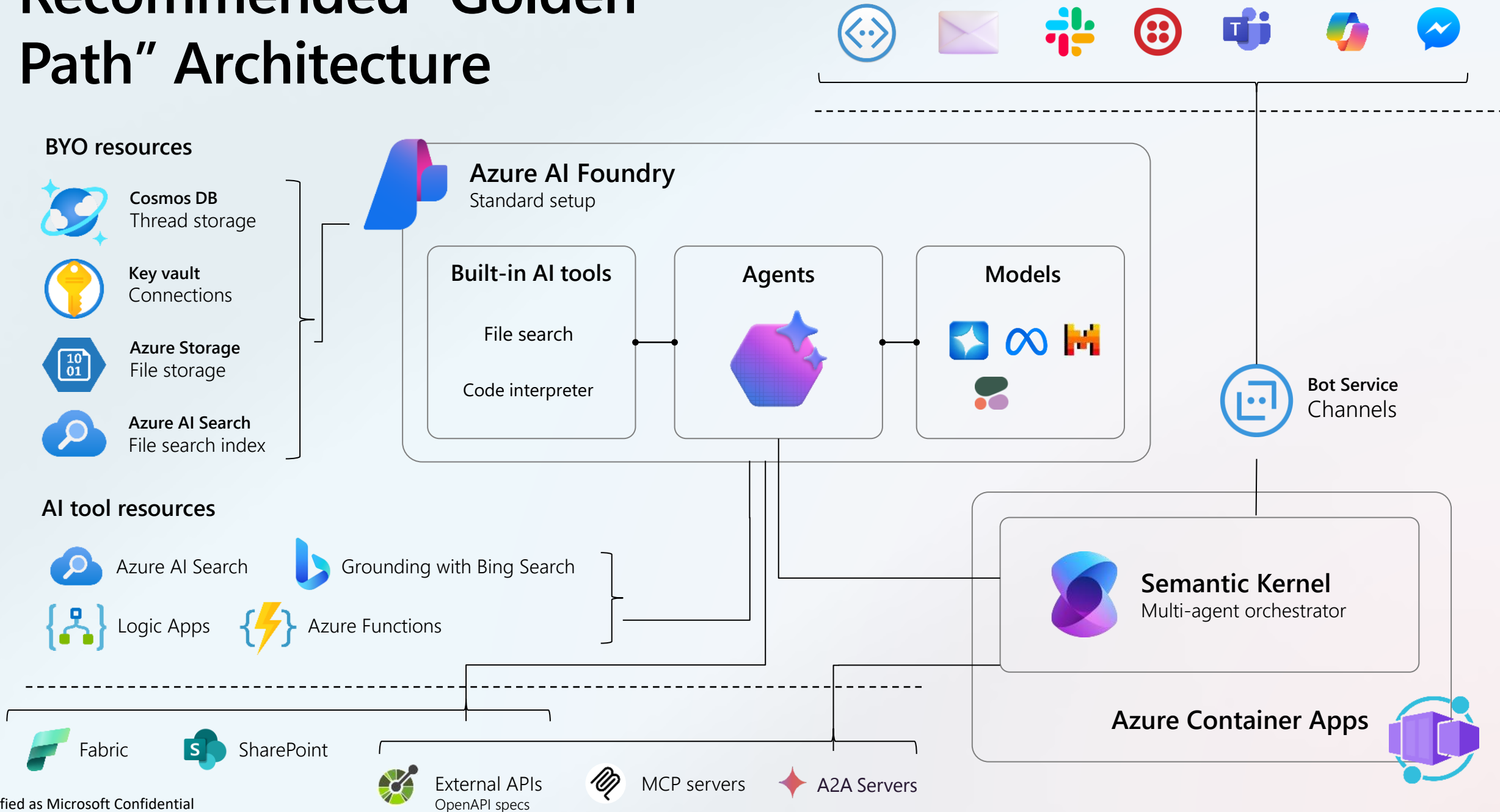
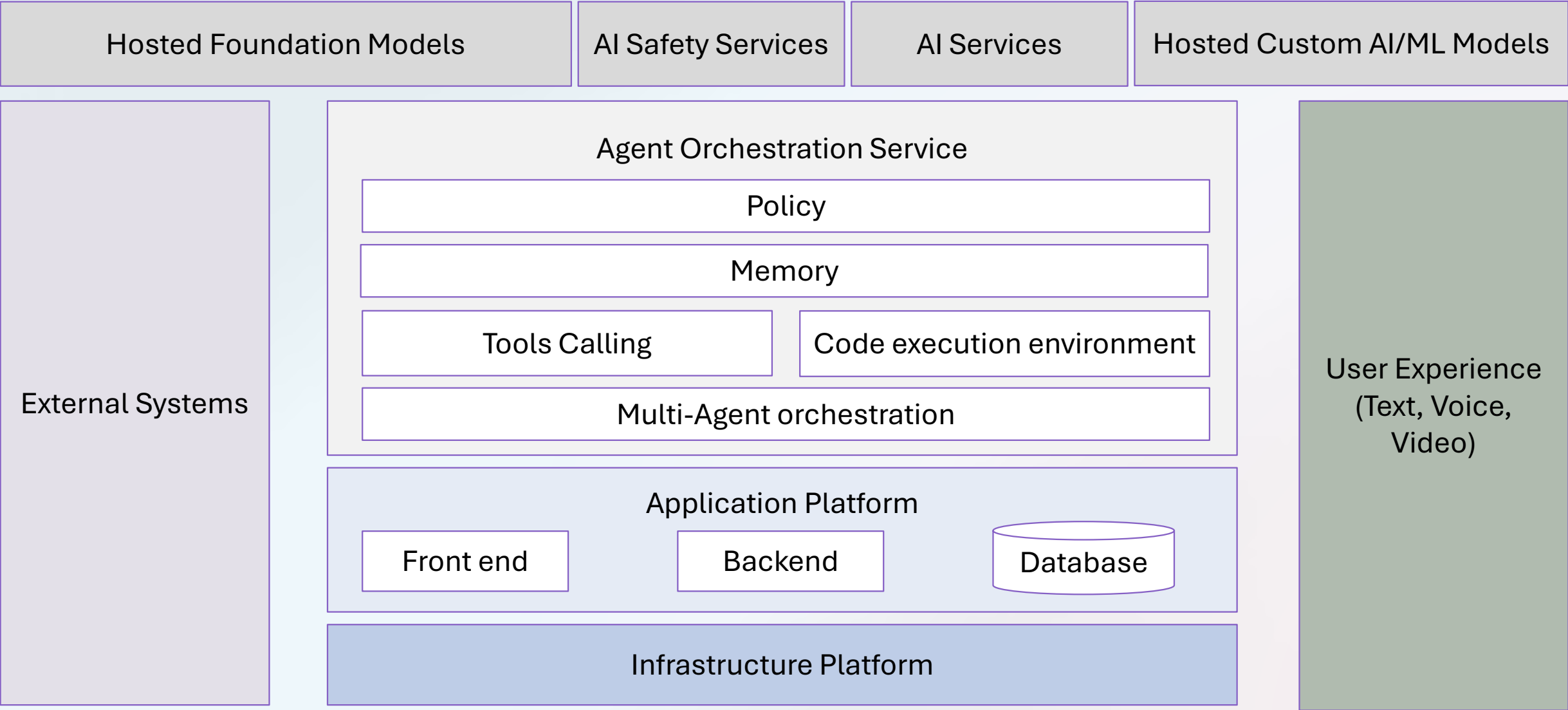


05 Abschluss: Whats coming next?

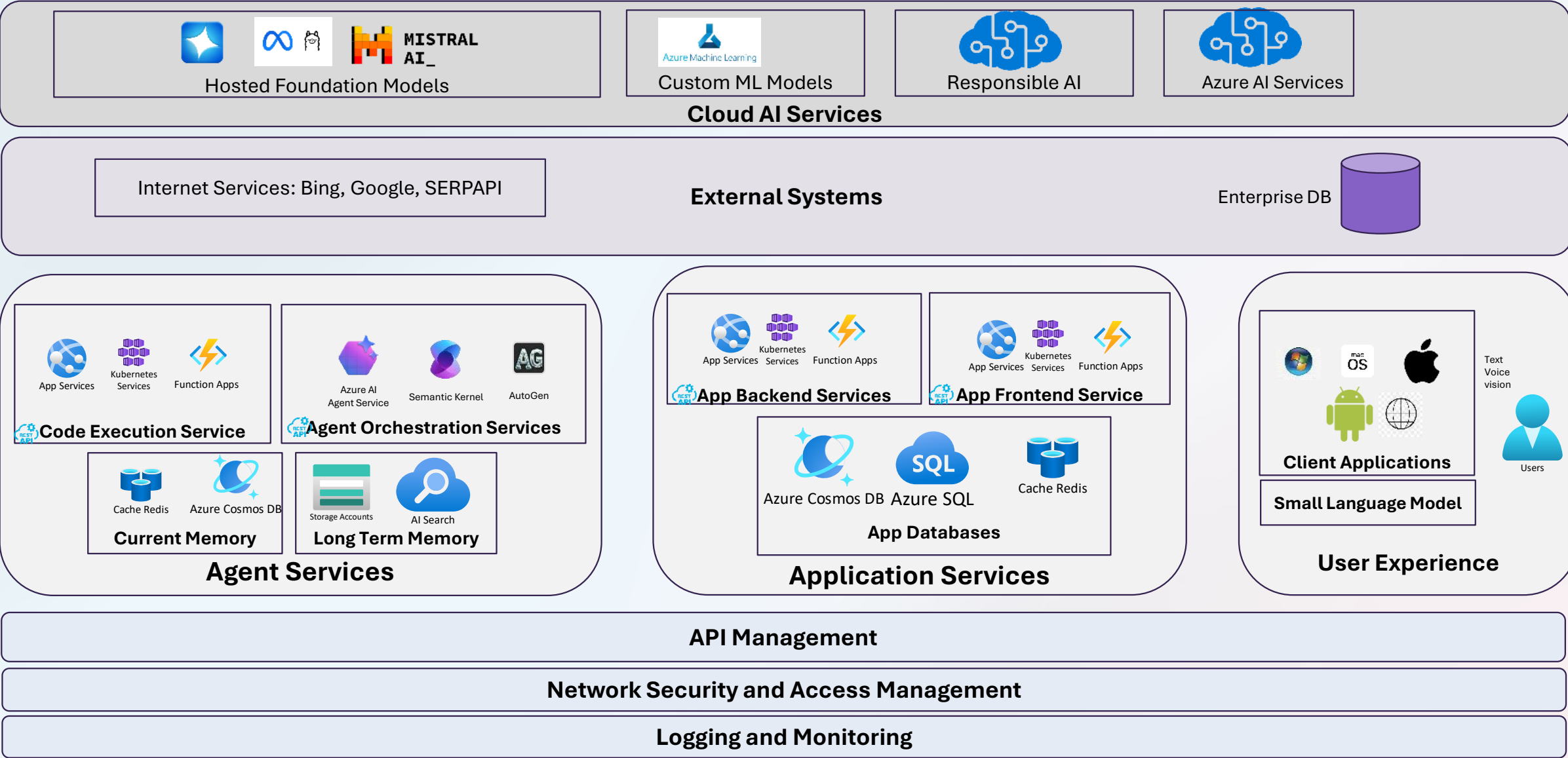
Recommended "Golden Path" Architecture



Agentic AI System Architecture Logical View

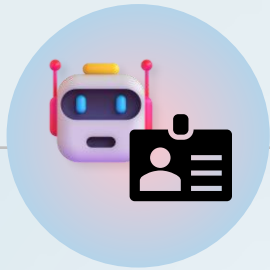


System Architecture: Component View

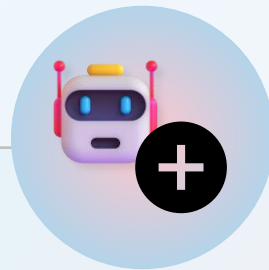


Entra IDs for agents created with Azure AI Foundry

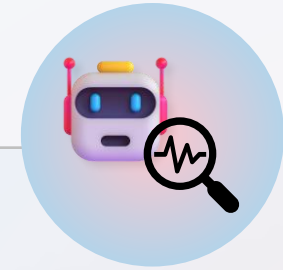
Manage AI agent access to data and resources.



Built-in identifications for AI agents.



Embedded libraries & configurations.

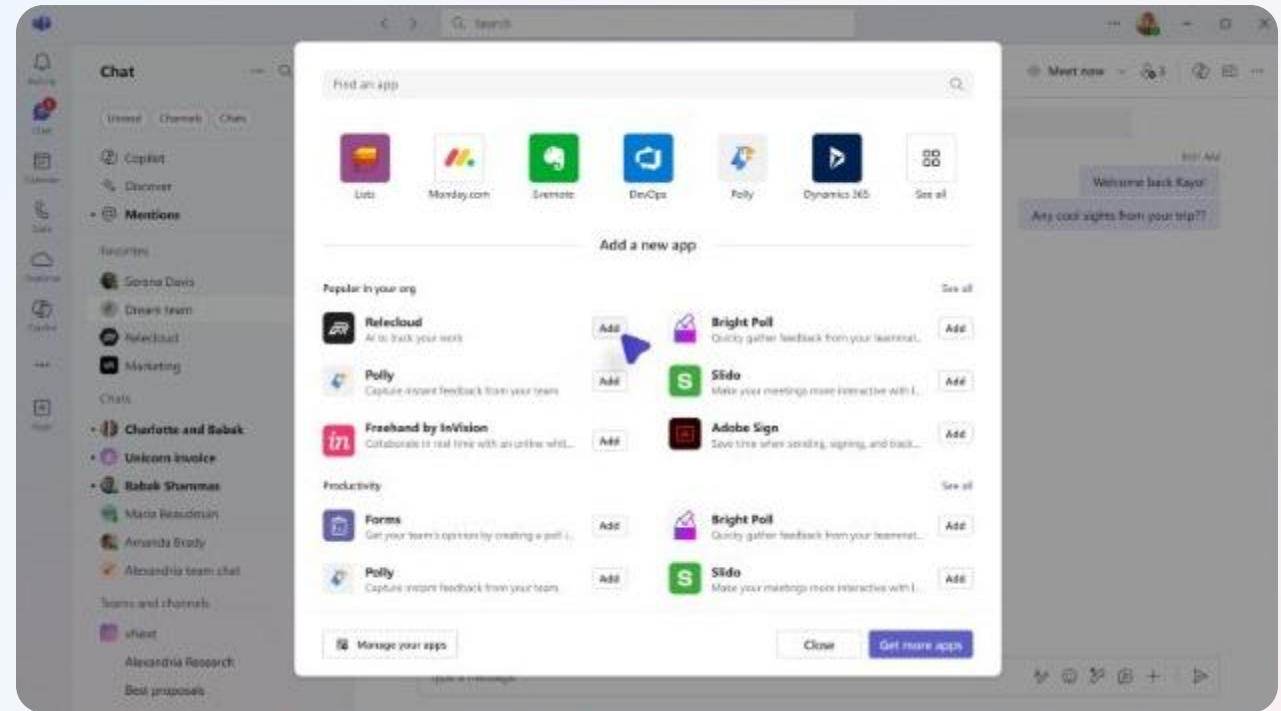


Audit agent actions

Microsoft 365 Agents Toolkit

Publish Azure AI Foundry powered agents to Microsoft 365 Copilot, Teams, custom apps, web, and more.

- Bring Copilot capabilities to your agents with Microsoft Copilot APIs
- Build once and publish to multiple (15+) channels
- Publish to Microsoft 365 Copilot, the UI for AI





Azure AI Foundry

New | Preview

Introducing Voice Live API

Redefining agent communication
with advanced, real-time voice

Use the foundation
model of your choice

Unparalleled speech
recognition and
synthesis capabilities

Fully customizable
voices and avatars

aka.ms/voice-live

[Voice-enabled AI Agents: transforming customer engagement with Azure AI Speech | Microsoft Community Hub](#)

Multi-agent workflow automation

NEW

File Edit Selection View Go Run Terminal Help

DeepResearchAgent.fdl M FDL Visualization: DeepResearchAgent.fdl Chatbot

FDL Workflow Controls

GatherFacts

Actors: LedgerFacts

actionRouter

Actors: ActionRouterAgent

Summarizer

Actors: FinalStepAgent

Plan

Actors: LedgerPlanner

dynamicStepAgent

Actors: nextAgent

UpdateLedgerFact

Actors: LedgerFactUpdate

LedgerPlanUpdate

Actors: LedgerPlanUpdate

ProcessProgress

Actors: ProgressLedger

nextAgent.equals(Final)

nextAgent.equals(Ledge)

nextAgent.Contains

AI Foundry Chat

thread_E37xQ1oXUS84CtLMVkJHmID5 Cancel Run New Thread

You

study the last week trend of S&P 500 and provide a summary

03:31 PM

Thinking...

Type a message...

Add and run

Inputs Files

Connected to proj-westagent-ufis

Disconnect Deploy Run

main* kraman-msft-eng/agentservicecode#9 needs reviewers 0 0 0 5 Projects: 1 Debug Any CPU Live Share Set default Azure ML workspace



Multi-agent workflow automation

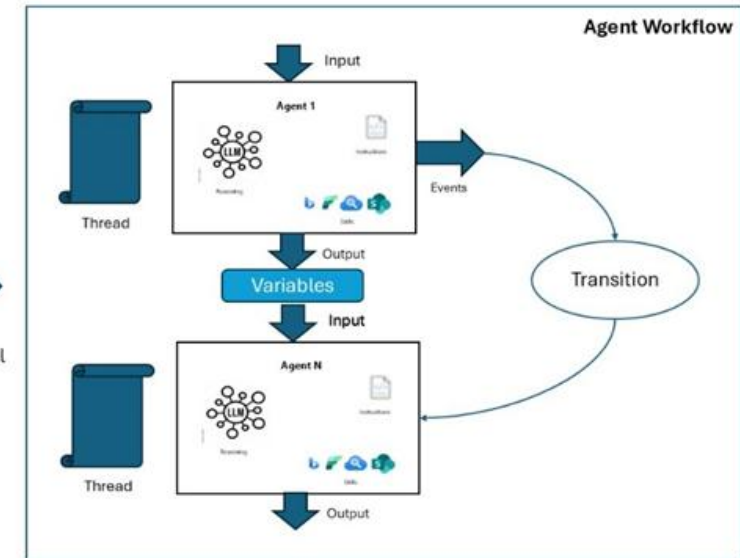
NEW

Workflow specification is done via **VS Code AI Foundry Extension** or **SDK**

Defined workflows run **on managed AI Foundry platform** and can be accessed via **one single API**



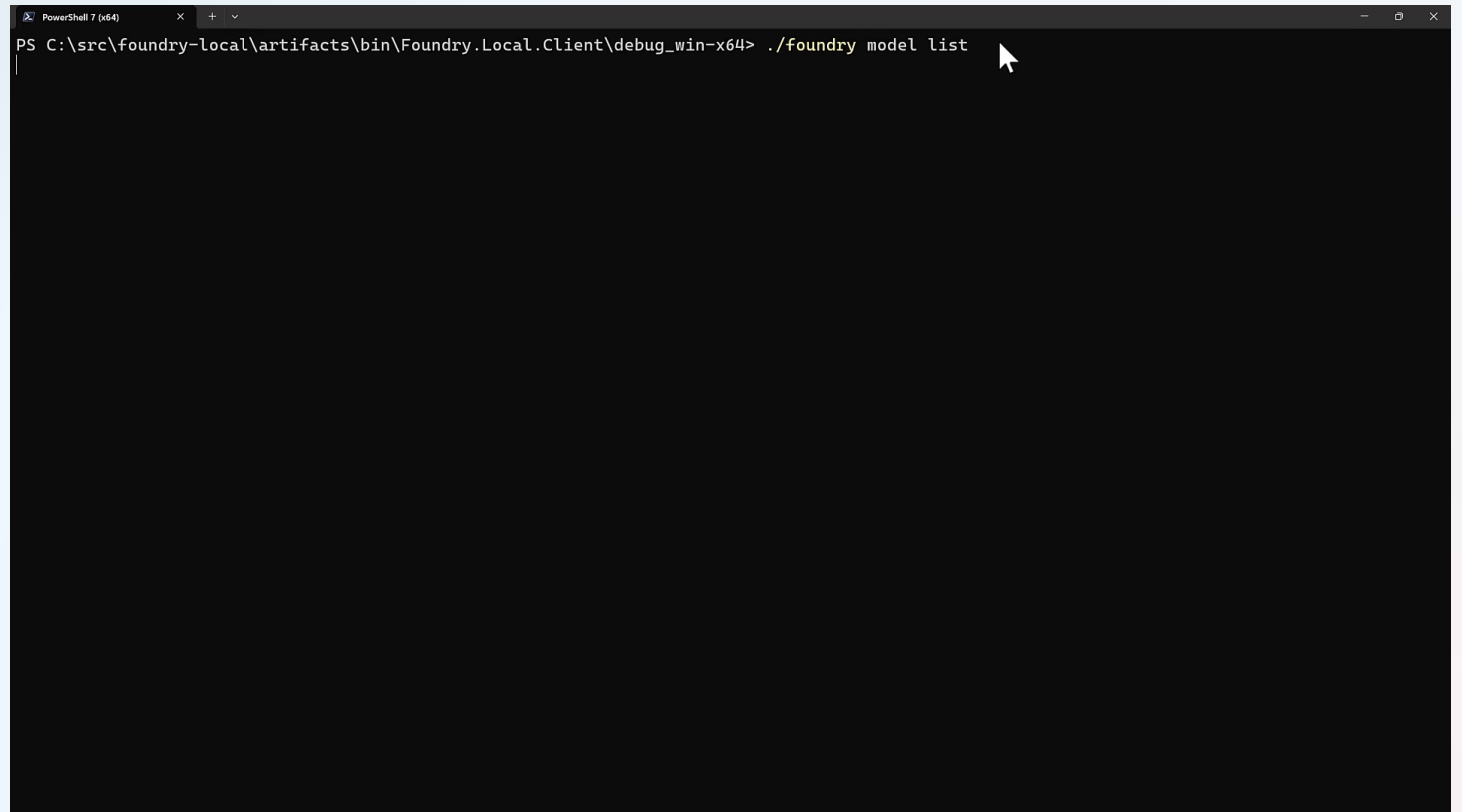
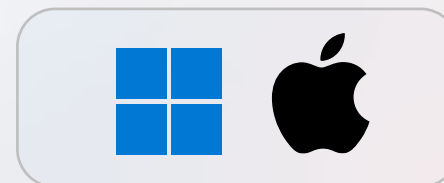
Text, Vision
Conversational
Interface



Foundry Local

Comprehensive support
for managing models,
agents, and their
components on Windows
and MacOS devices.

- Accelerate on-device inferencing
- Ship local AI apps, not just explore
- Bring the power of Azure AI Foundry locally

A screenshot of a PowerShell terminal window. The title bar at the top reads 'PowerShell 7 (x64)'. The command prompt shows the path 'C:\src\foundry-local\artifacts\bin\Foundry.Local.Client\debug_win-x64>' followed by the command './foundry model list'. A mouse cursor is positioned at the end of the command line. The terminal background is black, and the text is white.



Thank You!

Feedback and Q&A