



Do you **THINK** you're ready for Copilot?

Friday, October 13, 2023 1:00 pm



Chris Blackburn

Explore the technologies driving CoPilot, delve into the essential Microsoft 365 business readiness configurations, and discuss the organizational changes required. Join us to discover how to activate and propel your journey into the future with Microsoft AI.





Welcome to the MN M365 Fall Workshop Day 2023!

Please help us drive event awareness by tweeting and posting about your
experience at the Workshop:

@M365MN #M365WorkshopDay

Please join us following the sessions for Happy Hour... Admin Ales, Workshop Wine,
and more!

Thank you for your participation!

Thank You To The Sponsors!

Stop by the Booths for “Vendor Bingo” to win prizes!



Microsoft



RBA



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Workshop Survey

MN365 Fall 2023 Workshop Day



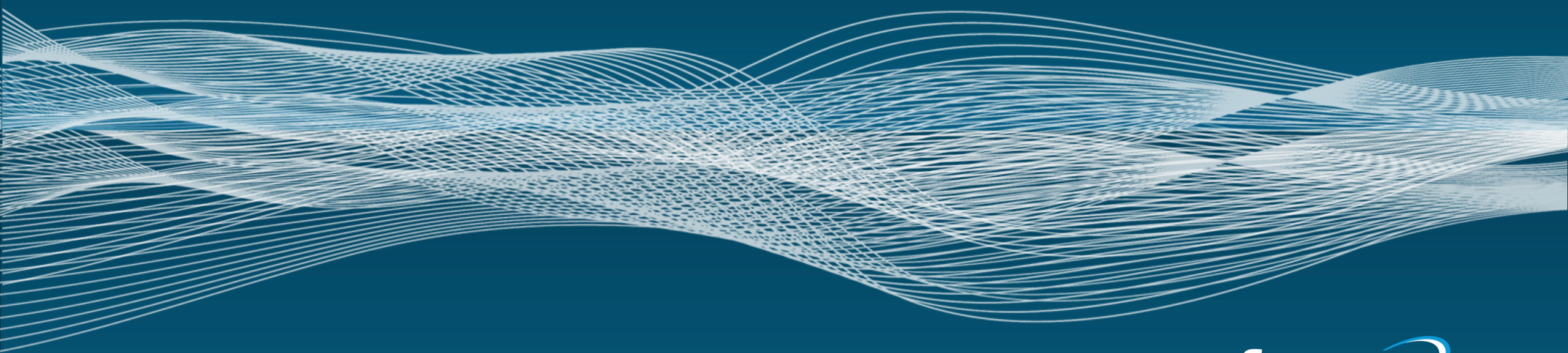
<https://mn365.org/survey>

Agenda

- 10000 ft view
 - What is Microsoft 365 Copilot?
 - Privacy
 - Data residency and storage
 - Compliance
 - Security
 - Responsible
 - Walk through of Microsoft 365 Copilot
 - Q&A
- 1000 ft view
 - How Microsoft 365 Copilot works
 - Copilot for Everyone
 - Q/A
- Ground Level
 - How to prepare for Microsoft 365 Copilot
 - Walkthrough of E5 Security & Compliance
 - Q/A



CoPilot 10000 ft View



What is Microsoft 365 Copilot?



Microsoft 365 Copilot

Natural Language



Large Language
Models



Microsoft Graph
- Your Data -



Microsoft 365
Apps

Microsoft 365 Copilot

Designed for the needs of the enterprise



Grounded in
your business data

Microsoft 365 Copilot has real-time access to both *your content and context* in the Microsoft Graph.



Comprehensive
security, compliance, & privacy

Copilot inherits your security, compliance, and privacy policies set up in Microsoft 365.



Architected to protect
data

Your data doesn't leave the compliance boundary and isn't used to train the foundation model.



Integrated into the
apps you use every day

Word, Excel, PowerPoint, Outlook, Teams, and more.



Individual user & admin
always in control

Users decide what to use, modify, or discard.



Designed to
integrate new skills

As Copilot learns about processes, it can perform more sophisticated tasks and queries.

Microsoft 365 Apps



Microsoft 365 Copilot

Microsoft 365 Trust Boundary

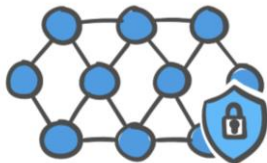
Response + app commands

User prompt

Pre-processing

Grounding

Microsoft Graph



Semantic Index

Your context and content emails, files, meetings, chats, calendars, and contacts

Customer Microsoft 365 Tenant

Post-processing

Modified prompt

LLM response

Large Language Model

RAI

RAI is performed on input prompt and output results

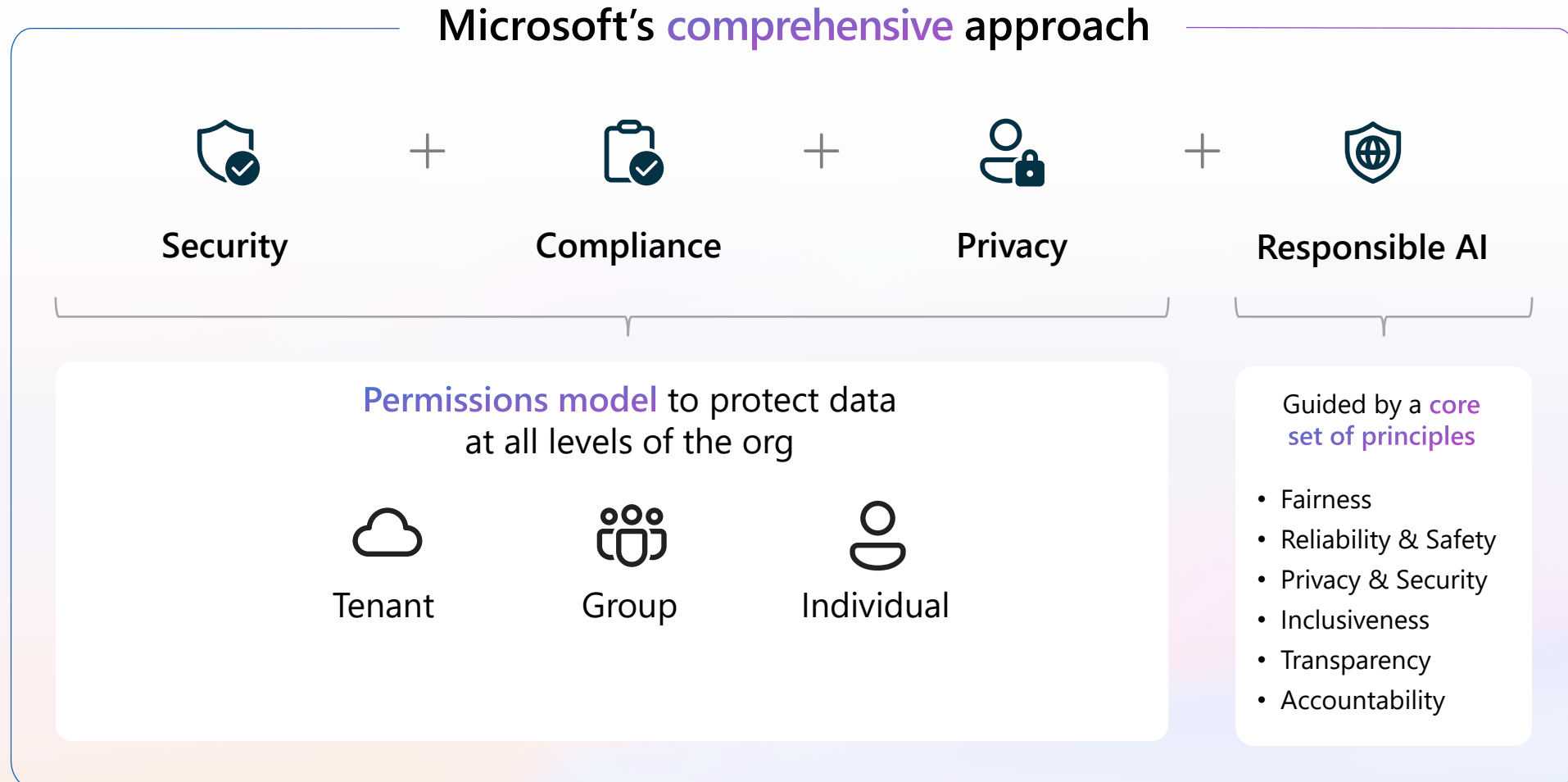
Azure Open AI instance is maintained by Microsoft. Open AI has no access to the data or the model.

Azure OpenAI

Data flow (🔒 = all requests are encrypted via HTTPS)

- 1 User prompts from Microsoft 365 Apps are sent to Copilot
- 2 Copilot accesses Graph and Semantic Index for pre-processing
- 3 Copilot sends modified prompt to Large Language Model
- 4 Copilot receives LLM response
- 5 Copilot accesses Graph and Semantic Index for post-processing
- 6 Copilot sends the response, and app command back to Microsoft 365 Apps

Microsoft 365 Copilot foundational principles



Security

Security

Built on Microsoft's comprehensive approach to security, compliance, and privacy.

Copilot is integrated into Microsoft 365 apps and **automatically inherits all your company's valuable security, compliance, and privacy policies and processes.** Two-factor authentication, compliance boundaries, privacy protections, and more make Copilot the AI solution you can trust.

Security

Microsoft 365 Copilot models ensure data is not exposed to other organizations.

Copilot protects data in multiple ways:

- **Logical isolation** of customer content within each tenant with AAD authorization and role-based access control.
- Microsoft uses **physical security, screening, and a multi-layered encryption** strategy to protect customer content.
- Microsoft 365 encrypts customer content at rest and in transit.

Learn more about [Microsoft 365 isolation controls](#)



Security

Data is protected with tenant controls & permissions models.

The permissions model within your Microsoft 365 tenant will ensure that data will not unintentionally leak between users and groups. **Copilot presents only data that each individual can access** using the same underlying controls for data access used in other Microsoft 365 services.

Review [Microsoft's privacy policy and service documentation](#) for more information.

Security

Architected to protect tenant, group, and individual data.

Large Language Models (LLMs) are not further trained on, or learn from, your tenant data or your prompts. Copilot presents only data you can access using the same technology that we've been using for years to secure customer data.

Security

Data protected with Purview or AIP labeling remains protected.

Data protected using Microsoft Purview Information Protection (MPIP or AIP) labeling will continue to be protected according to those policies.

Compliance

Compliance

Copilot falls under standard Microsoft Product Terms.

Learn more about our commitment to compliance through our [compliance website](#) and [Service Trust Portal](#).

Understand [compliance offering definitions](#).

Microsoft adheres to industry leading privacy, security, and compliance commitments.

Privacy

Privacy

Copilot inherits your Microsoft 365 policies and commitments.

Microsoft 365 Copilot automatically inherits your organization's security, compliance, and privacy policies for Microsoft 365. Data is managed in-line with our current commitments.

Review the following for more information:

[Privacy at Microsoft](#)

[Microsoft Privacy Statement](#)

[Microsoft Trust Center for data protection and privacy](#)



Privacy

Microsoft 365 Copilot doesn't train with customer content.

We do not use customer data to train the large language models (LLMs) used to generate content.

Review [Microsoft's privacy policy and service documentation](#)

Privacy

Data in different geographies are stored and processed in compliance with GDPR and other relevant Privacy Laws.

The new Microsoft 365 Copilot experiences do not change Microsoft's commitment and principles for data security and privacy. Microsoft 365 Copilot is integrated into Microsoft 365 which adheres to all existing privacy and compliance obligations.

Review [Microsoft's privacy policy and service documentation](#) for more information.

Data residency & Storage

Microsoft commitments to its customers about the GDPR.

The General Data Protection Regulation (GDPR) introduces new rules for organizations that offer goods and services to people in the European Union (EU), or that collect and analyze data for EU residents no matter where you or your enterprise are located.

The GDPR requires controllers (such as organizations using Microsoft's enterprise online services) only use processors (such as Microsoft) that provide sufficient guarantees to meet key requirements of the GDPR. **Microsoft has taken the proactive step of providing these commitments to all Volume Licensing customers as part of their agreements.**

Learn more about Microsoft's commitment to GDPR from our [full summary](#) [short summary](#)



Data residency & Storage

Microsoft 365 Copilot data remains within the Microsoft cloud.

When you input prompts using our AI tools, the information contained within your prompts, the data they retrieve, as well as the generated responses **remain within the Microsoft cloud.**

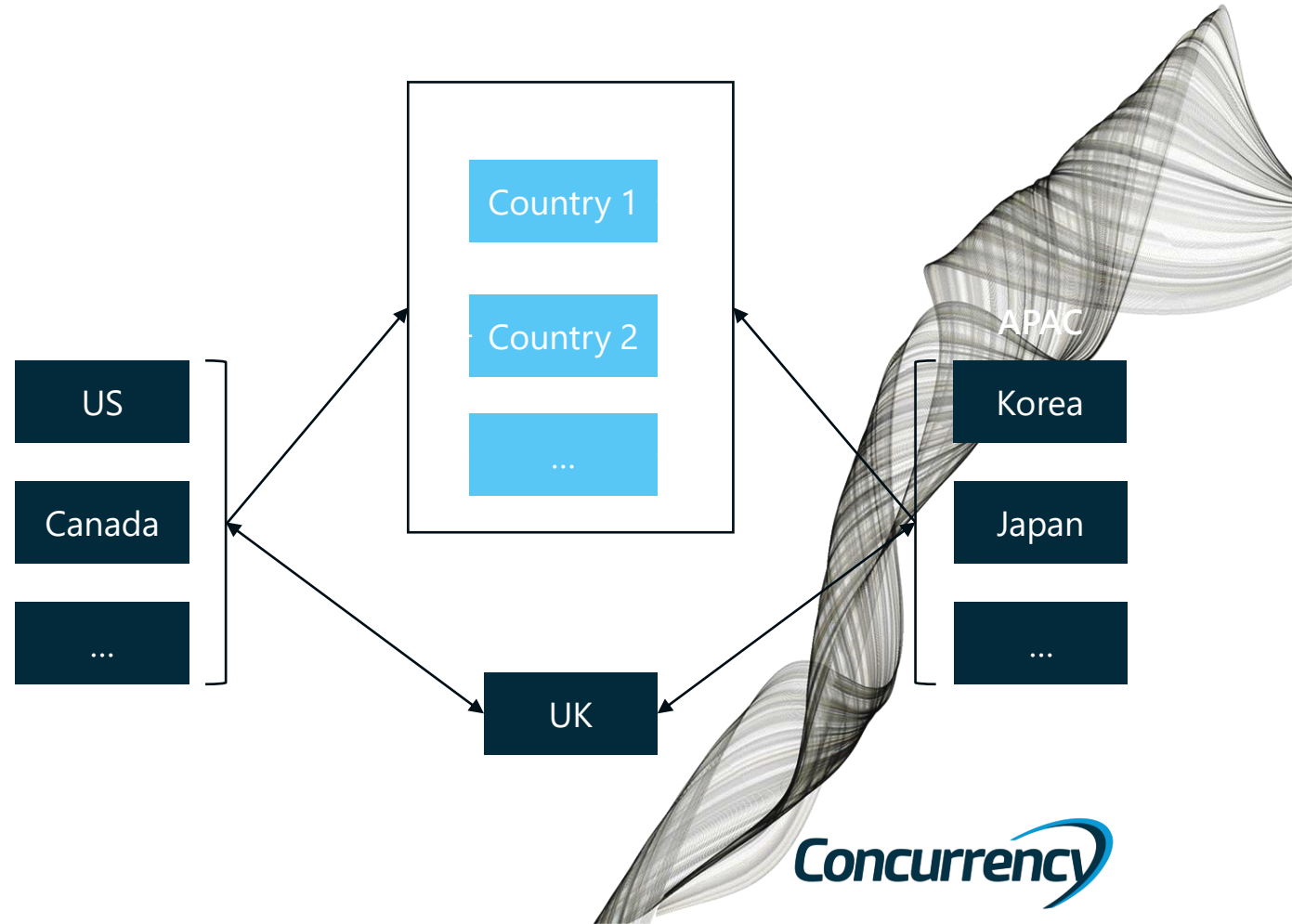
Data residency

Microsoft 365 Copilot is EU Data Boundary (EUDB) compliant

Your content data is written in home region datacenters.

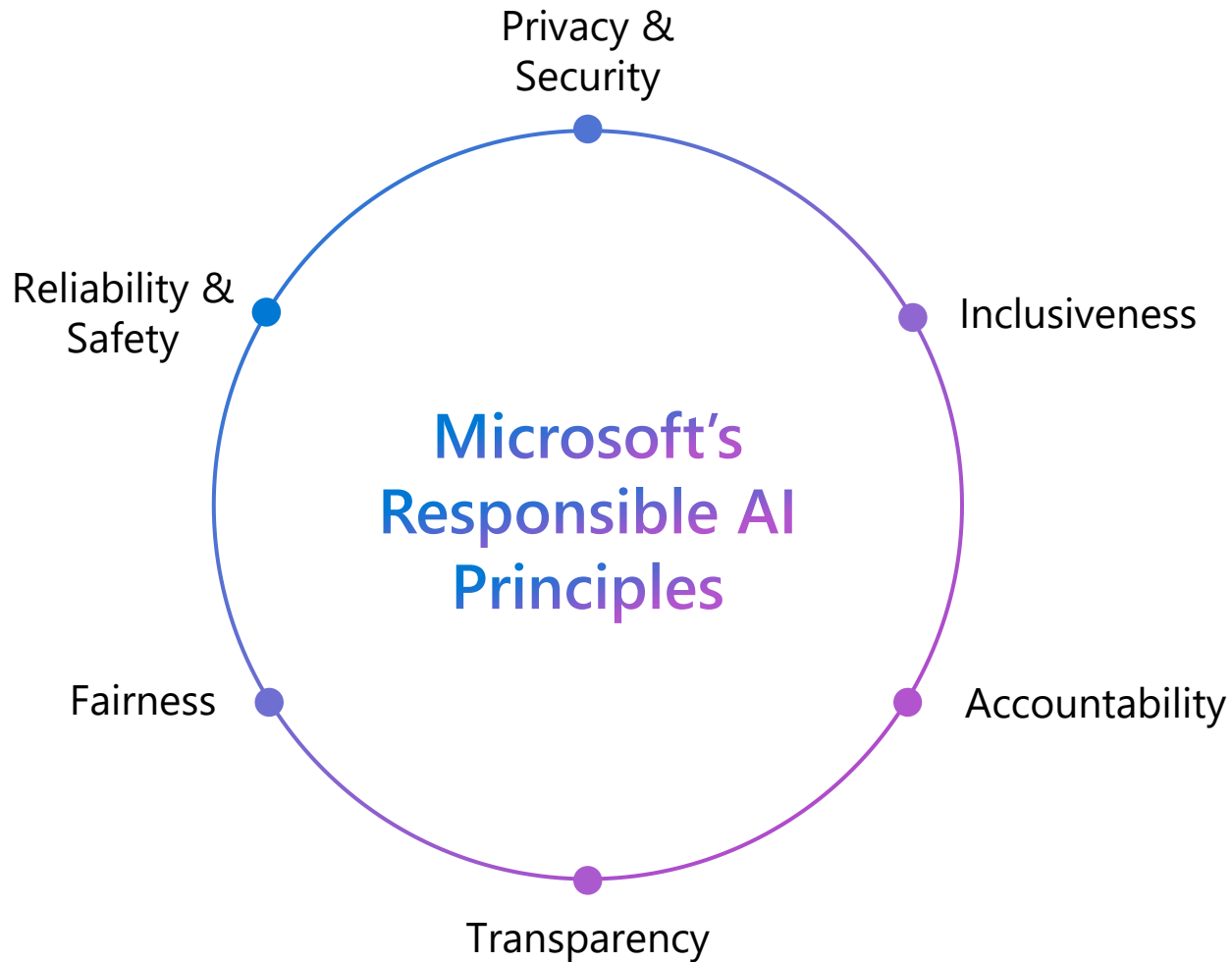
- LLM calls will be routed to the closest data centers in the regions.
- The LLM call will process customer data and return the response to the home region.
- **NO customer content data is written in region outside the home region for the user.**
- For EU users we have additional safeguards to comply with EUDB.

Data processing by geography



Responsible AI

The Responsible AI Principles



The building blocks to enact principles



4. Tools and processes



3. Training and practices

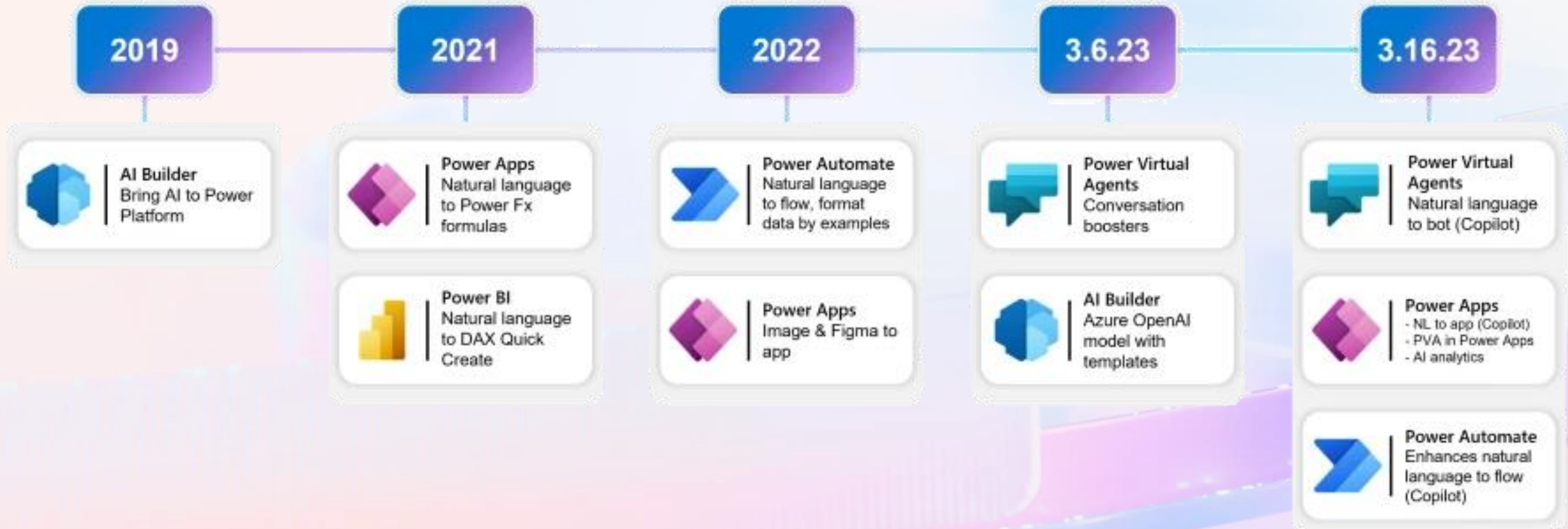


2. Rules



1. Governance

Microsoft AI Journey



Tools for a Responsible AI approach



Fairness

Assess fairness and mitigate fairness issues to build models for everyone.



Explainability

Understand model predictions by generating feature importance values for your mode.



Counterfactuals

Observe feature perturbations and find the closest datapoints with different model predictions.



Causal analysis

Estimate the effect of a feature on real-world outcomes.



Error analysis

Identify dataset cohorts with high error rates and visualize error distribution in your model.



Responsible AI scorecard

Get a PDF summary of your Responsible AI insights to share with your technical and non-technical stakeholders to aid in compliance reviews.

Microsoft's Responsible AI Standard

Guidance for designing, developing, deploying, and using AI, which Microsoft's own engineering teams follow too



Identify

Identify and prioritize potential harms that could result from your AI system through iterative red-teaming, stress-testing, and analysis.



Measure

Measure the frequency and severity of those harms by establishing clear metrics, creating measurement test sets, and completing iterative, systematic testing (both manual and automated).



Mitigate

Mitigate harms by implementing tools and strategies such as [prompt engineering](#) and using our [content filters](#). Repeat measurement to test effectiveness after implementing mitigations.



Operate

Define and execute a deployment and operational readiness plan.

Review our [Responsible AI practices](#) to learn more



Walkthrough of Microsoft 365 Copilot

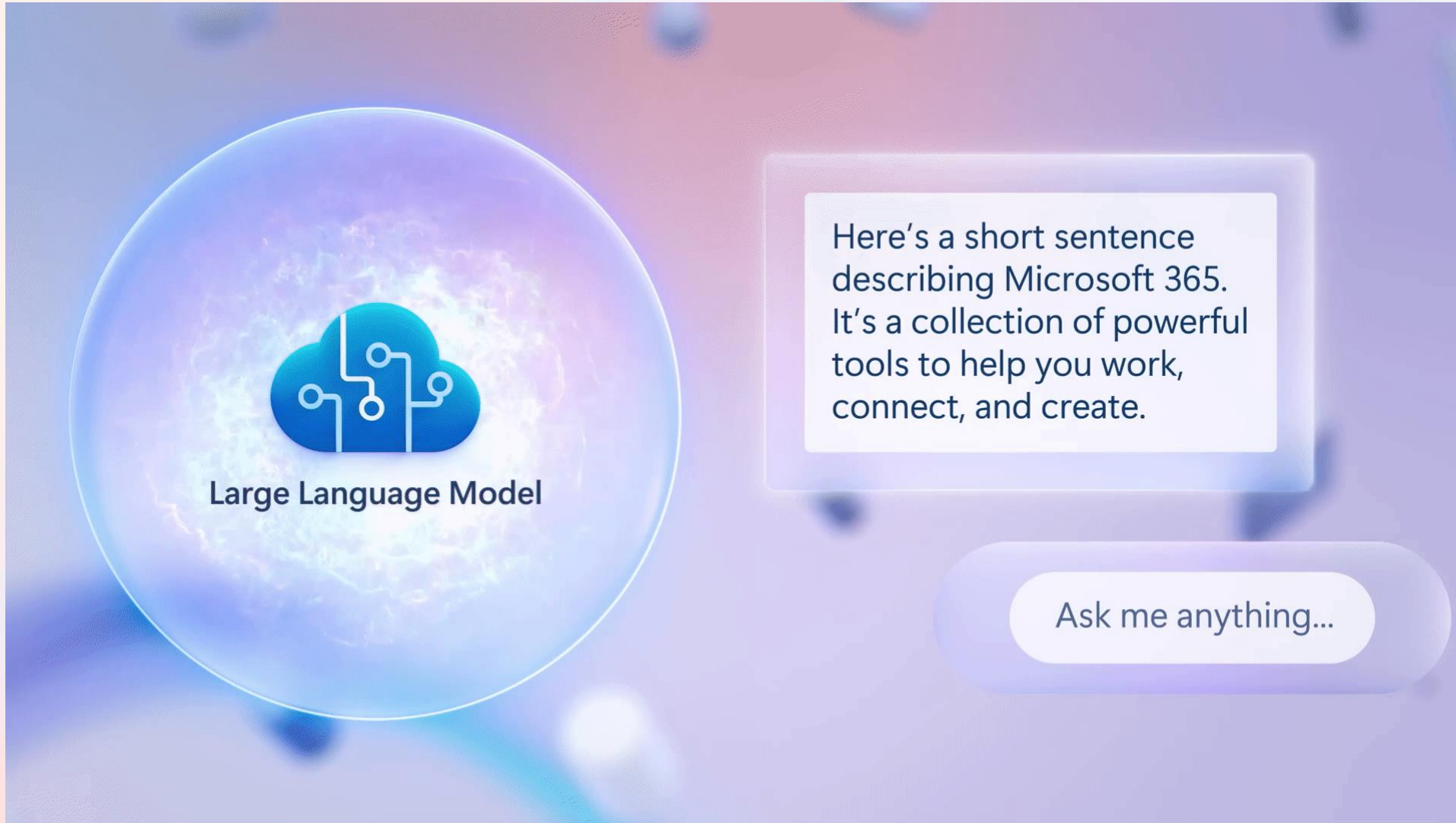


The next
revolution in
computing

How CoPilot Works



Large Language Model in Action



Microsoft CoPilot in Everyday Life



Copilot in Whiteboard will make Microsoft Teams meetings and brainstorming more creative and effective. Using natural language, you can ask Copilot to generate ideas, organize ideas into themes, create designs that bring ideas to life and summarize whiteboard content.



DALL-E, OpenAI's image generator, inside of apps like PowerPoint allows you to ask Copilot to create custom images to support their content.



Copilot in Outlook will offer coaching tips and suggestions on clarity, sentiment and tone to help users write more effective emails and communicate more confidently.



Copilot in OneNote will use prompts to draft plans, generate ideas, create lists and organize information to help customers find what they need easily.



Copilot in Loop helps your team stay in sync by quickly summarizing all the content on your Loop page to keep everyone aligned and able to collaborate effectively.



Copilot in Viva Learning will use a natural language chat interface to help users create a personalized learning journey including designing upskilling paths, discovering relevant learning resources and scheduling time for assigned trainings.

Microsoft CoPilot in Teams

The screenshot displays the Microsoft Teams interface with the Copilot chat window open. The left sidebar shows navigation options: Activity, Chat (with a notification badge), Teams, Calendar, Calls, Files, and Apps. The main chat area is titled 'Copilot Chat About' and shows a message from Copilot at 9:15 AM: 'Good morning Kat!'. Below this, a list of recent messages from other team members is visible, including Cassandra Dunn, Aadi Kapoor, Eric Ishida, Will Little, Marie Beaudouin, Hillary Reyes, Charlotte and Babak, Reta Taylor, Joshua VanBuren, Daichi Fukuda, and Kadji Bell. The Copilot message includes a list of suggestions: 'Catch up on a meeting you missed', 'Summarize important documents to speed up review', and 'Quickly search your data for key information and timely answers'. A disclaimer follows: 'As your Copilot, I'm here to assist you but do make mistakes, so sources are provided for your review when possible.' At the bottom, there are two example prompts: 'What's going on with EraNext?' and 'Summarize the Green Builder's summit doc'. A text input field at the very bottom contains the placeholder text 'Ask a work question or make a request'.

Activity

Chat

Teams

Calendar

Calls

Files

Apps

Chat

Pinned

- Copilot** 9:15 AM
Good morning Kat!
- Cassandra Dunn** 7:27 AM
Ok. I'll send an update later
- Aadi Kapoor** 5:21 AM
You: Great work!
- Eric Ishida** 8:40 AM
Sure, I'll set something for next week t...

Recent

- Cortex Framework** 8:41 AM
Kayo: The review went really well! Can't wai...
- Will Little** 7:45 AM
I don't see that being an issue, Can you ta...
- Marie Beaudouin** 1:21 AM
Ohh, I see, yes let me fix that!
- Hillary Reyes** 1:07 AM
Haha!
- Charlotte and Babak** 12:48 AM
Charlotte: The client was pretty happy with...
- Reta Taylor** 12:40 AM
Ah, ok I understand now
- Joshua VanBuren** 12:29 AM
Thanks for reviewing
- Daichi Fukuda** 12:20 AM
You: Thank you
- Kadji Bell** 12:03 AM
You: I like the idea, let's pitch it!

Copilot Chat About

Copilot 9:15 AM

Good morning Kat!

Here are some ideas that might help you get started:

- Catch up on a meeting you missed
- Summarize important documents to speed up review
- Quickly search your data for key information and timely answers

As your Copilot, I'm here to assist you but do make mistakes, so sources are provided for your review when possible.

What's going on with EraNext? Summarize the Green Builder's summit doc

Ask a work question or make a request

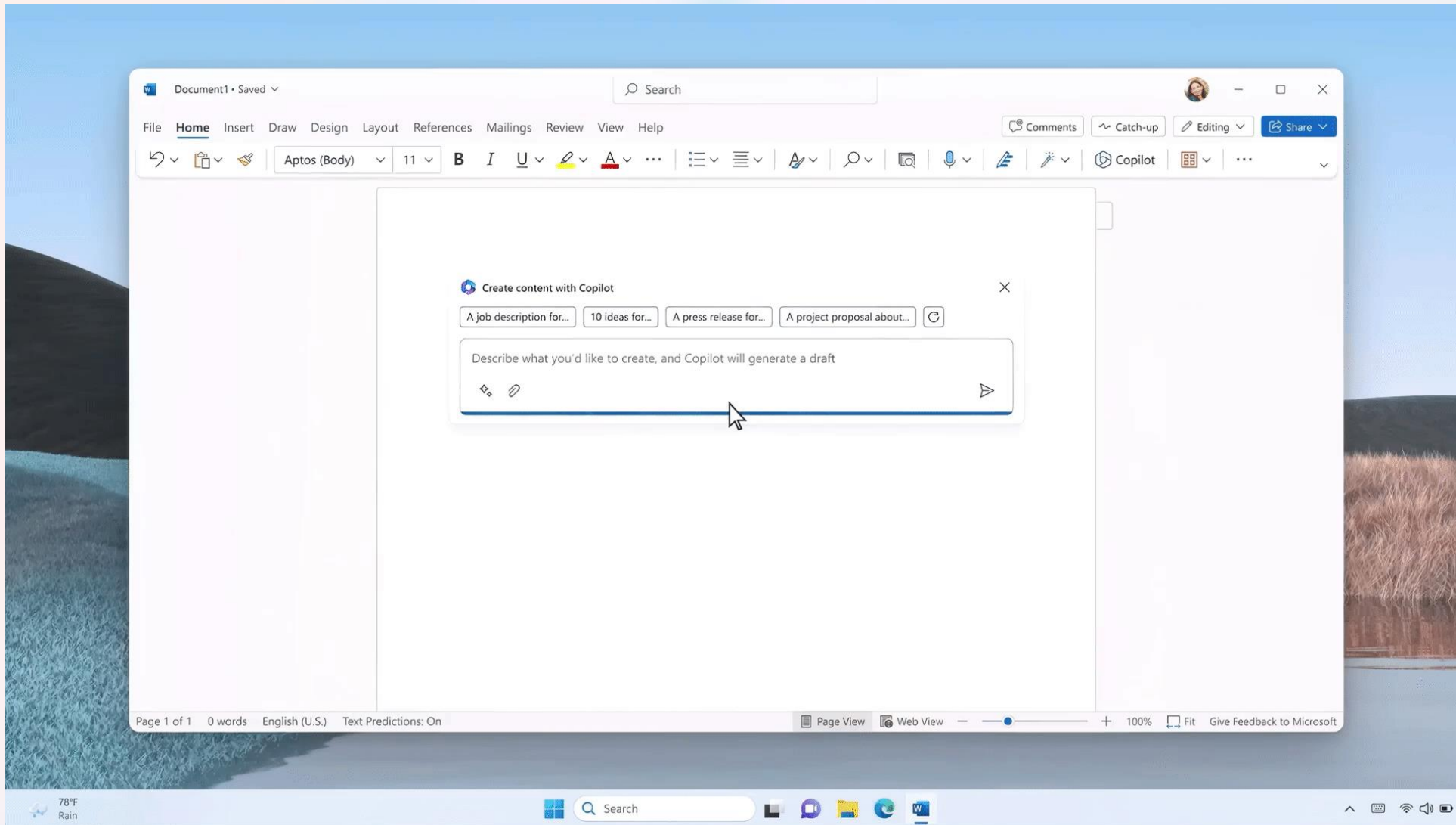
Microsoft CoPilot in Meeting Summaries

The screenshot displays the Microsoft Teams interface. On the left is the 'Feed' sidebar with navigation icons for Activity, Chat, Teams, Calendar, Calls, Files, and Apps. The main chat window is titled 'Marie Beaudouin' and shows a conversation. The chat history includes:

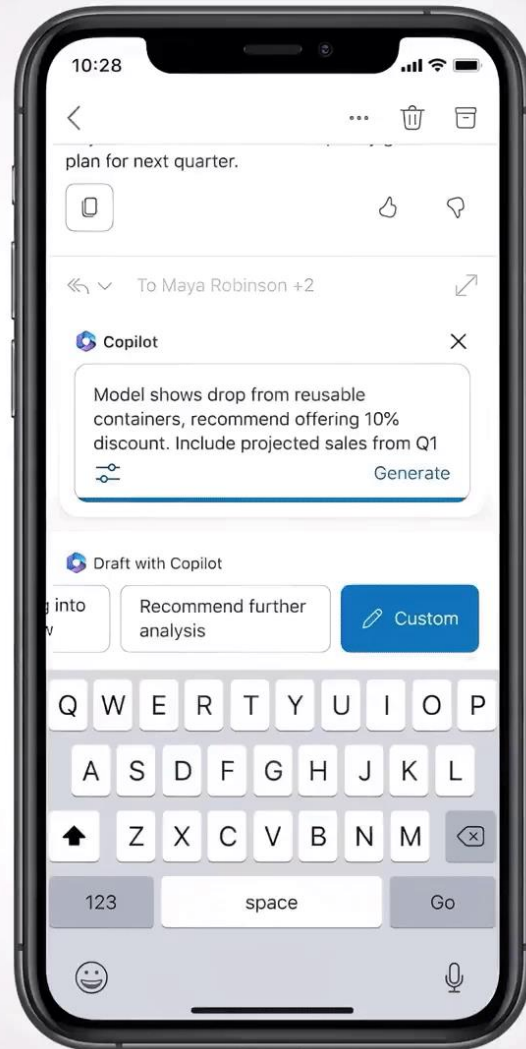
- Marie Beaudouin 11:25 AM: "Yeah, we haven't gotten lunch together in awhile either!"
- User: "We should go back to that ramne place. I've been craving it the last few days"
- User: "ramen*"
- Marie Beaudouin 11:25 AM: "Yes that would be wonderful."
- User: "I'll make a reservation for next week."
- User: "Sound good?" (with 1 heart reaction)
- User: "I would love that!" (with a bowl of ramen emoji)
- Marie Beaudouin 11:05 AM: "Here is the latest spec doc we reviewed with the engineers this mo..."
- User: "Oh btw Marie, I noticed in the document that there's a typo on the second page"
- Marie Beaudouin 11:35 AM: "Thanks **Samantha**, I'll fix that!"

The bottom of the chat window features a text input field with the placeholder "Type a new message" and icons for emojis, attachments, and sending.

Microsoft CoPilot to jumpstart Documents



Microsoft CoPilot on the Go



Copilot with other platforms

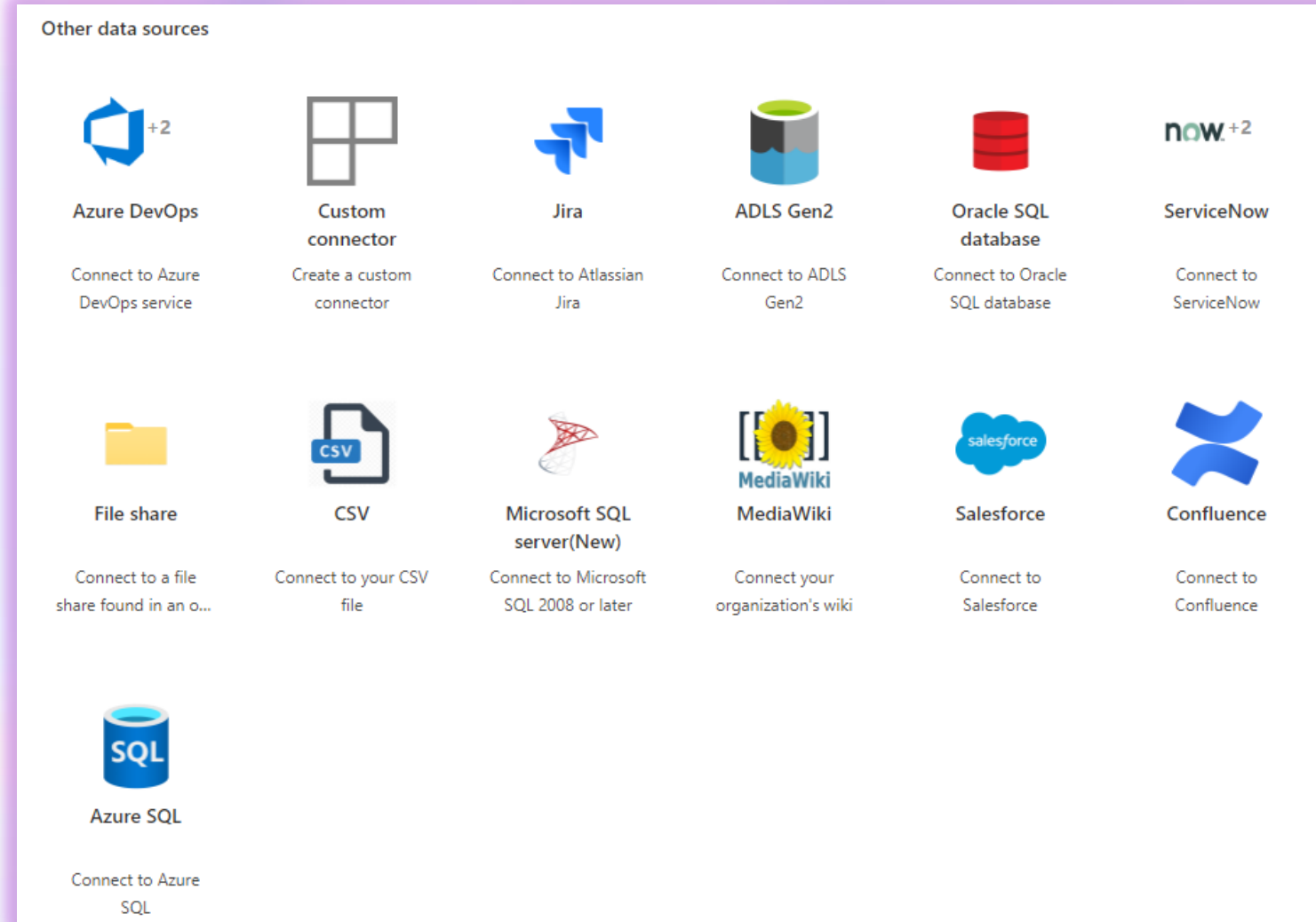


Microsoft CoPilot and data, everywhere

Microsoft Graph connectors makes it easy to access disparate information—whether it's stored on-premises or in the cloud.

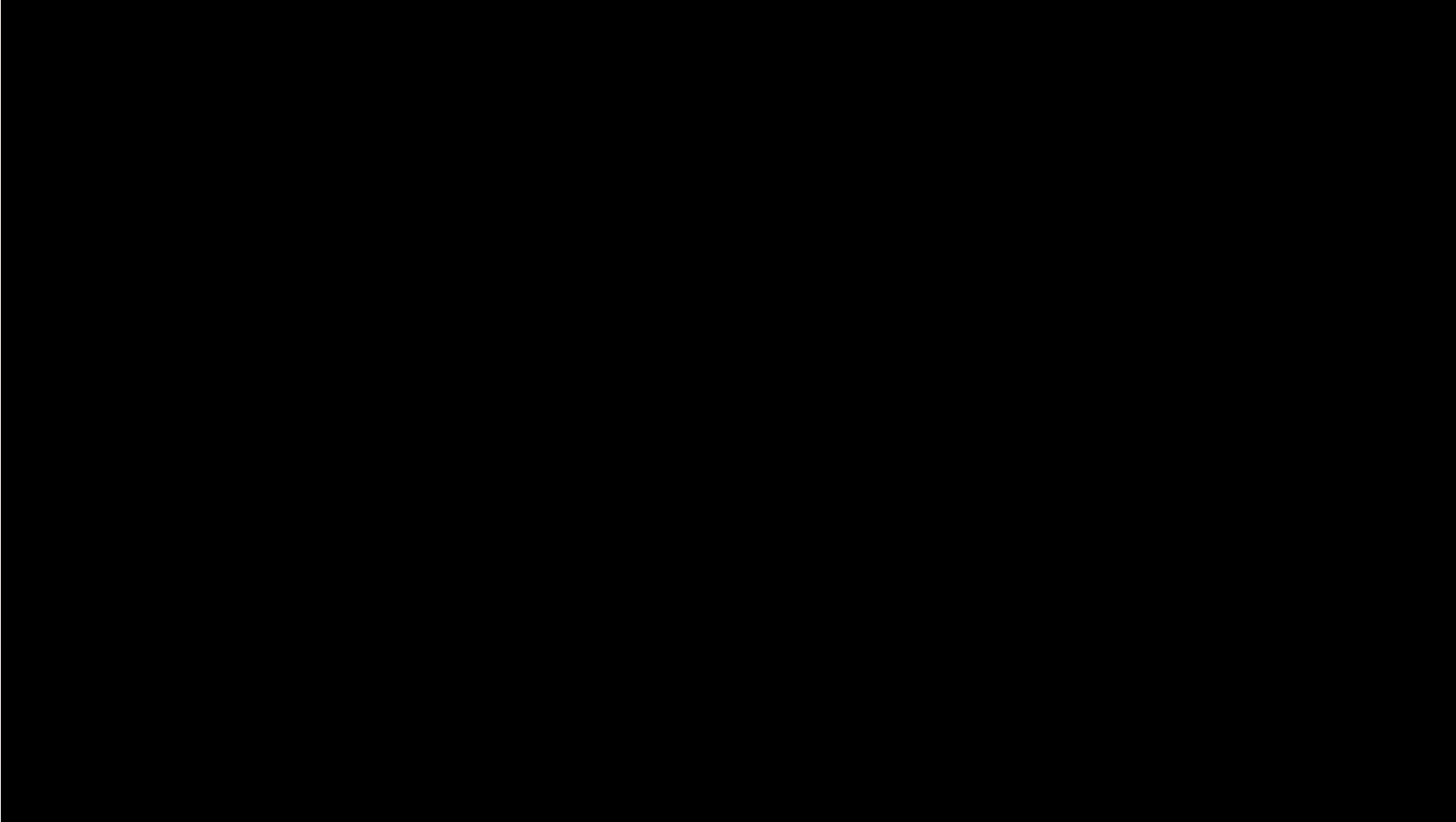
Find the information you need while working in your favorite productivity app or one of the many Microsoft 365 apps

More are available at
<https://www.microsoft.com/microsoft-search/connectors/?category=&query>



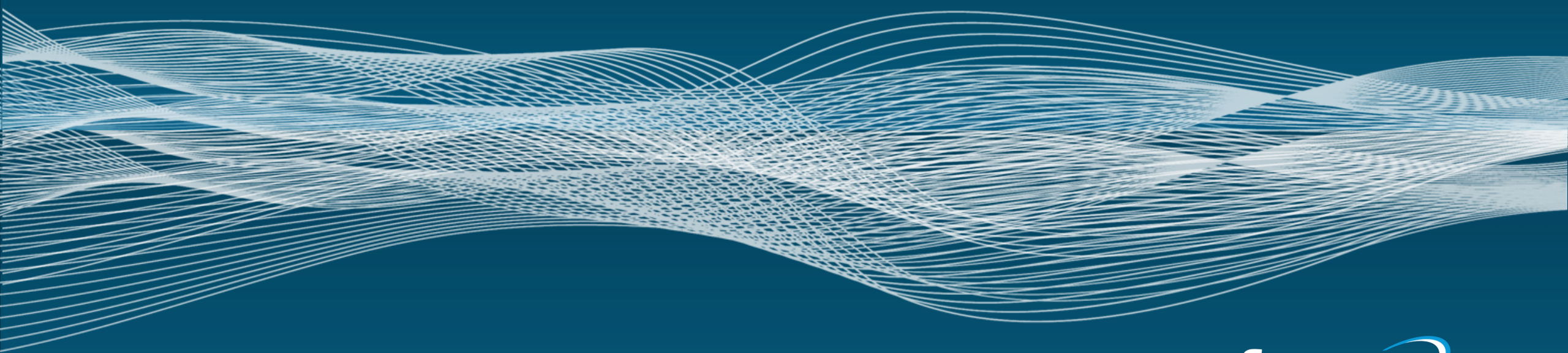


CoPilot leveraging other platforms

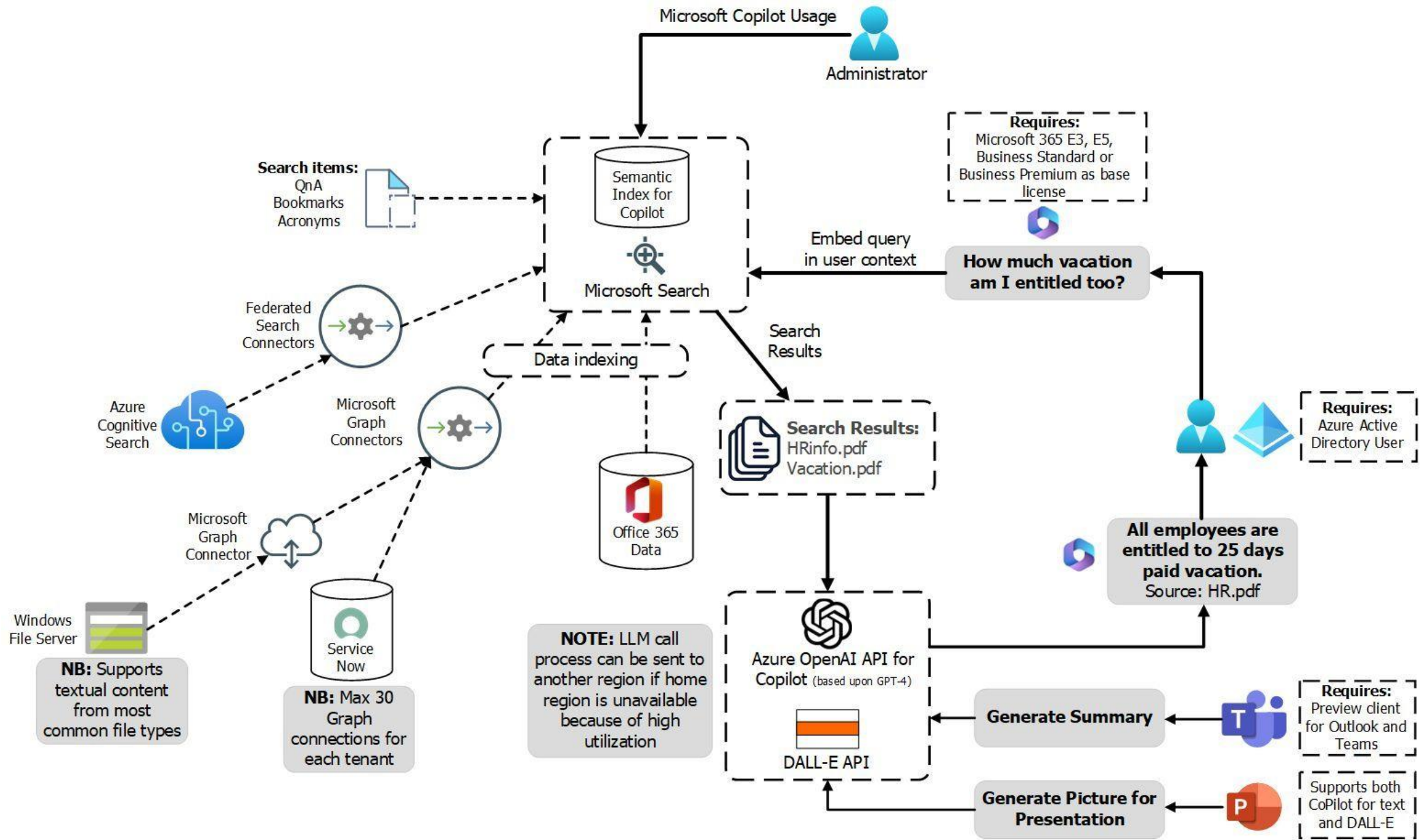




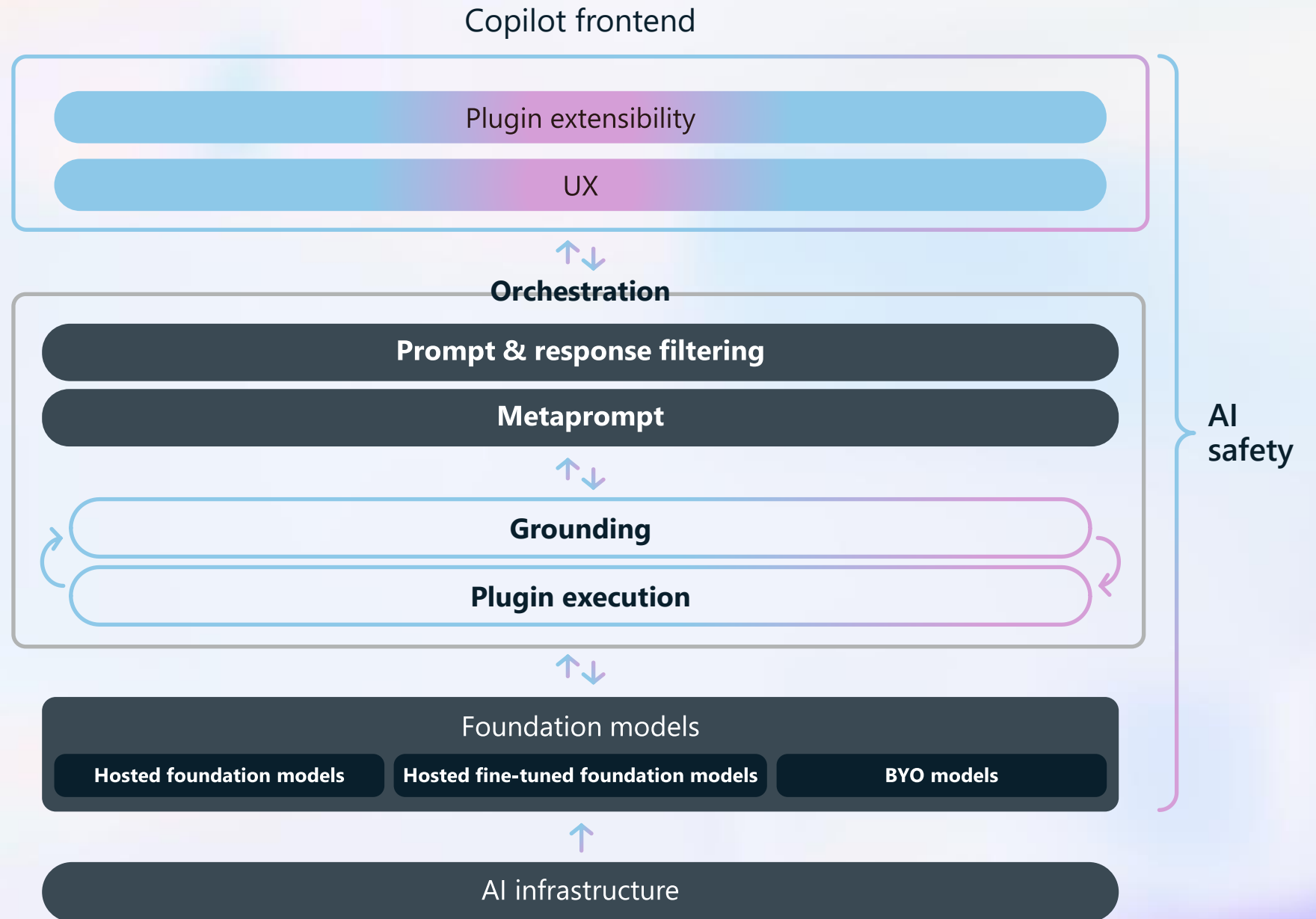
CoPilot 1000 ft View



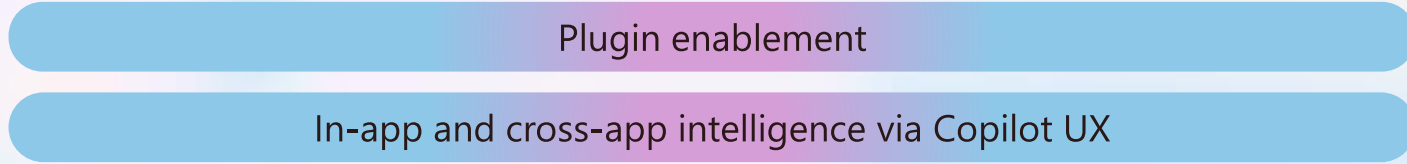
How Microsoft 365 Copilot works



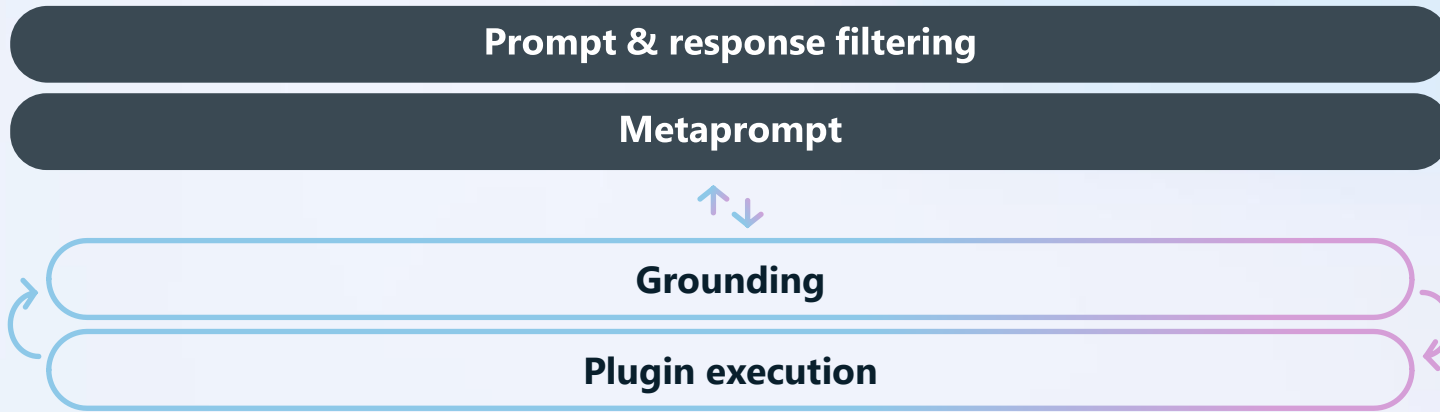
Microsoft 365 Copilot stack



Microsoft 365 Apps, Microsoft Windows, Bing, Edge



Orchestration



Hosted Foundation models



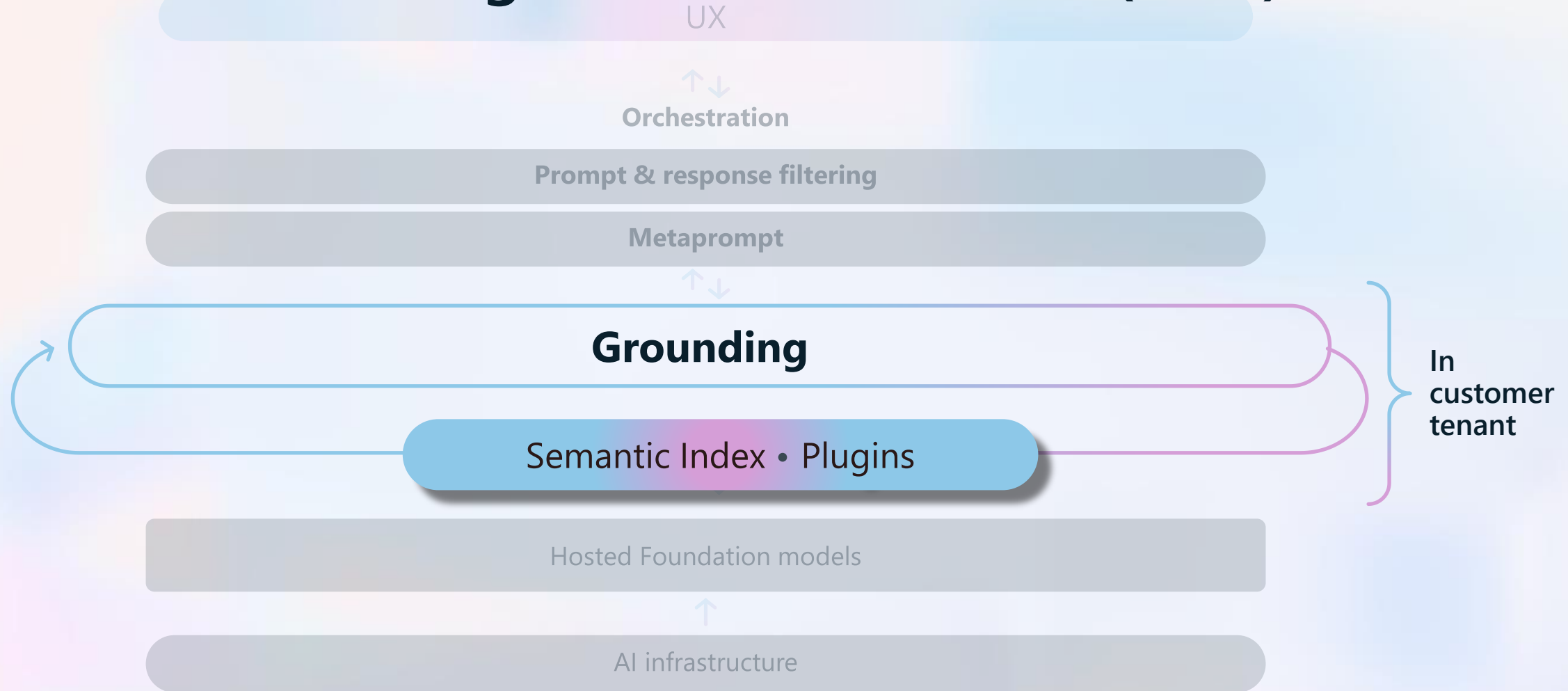
AI infrastructure

AI safety

Microsoft 365 Copilot stack

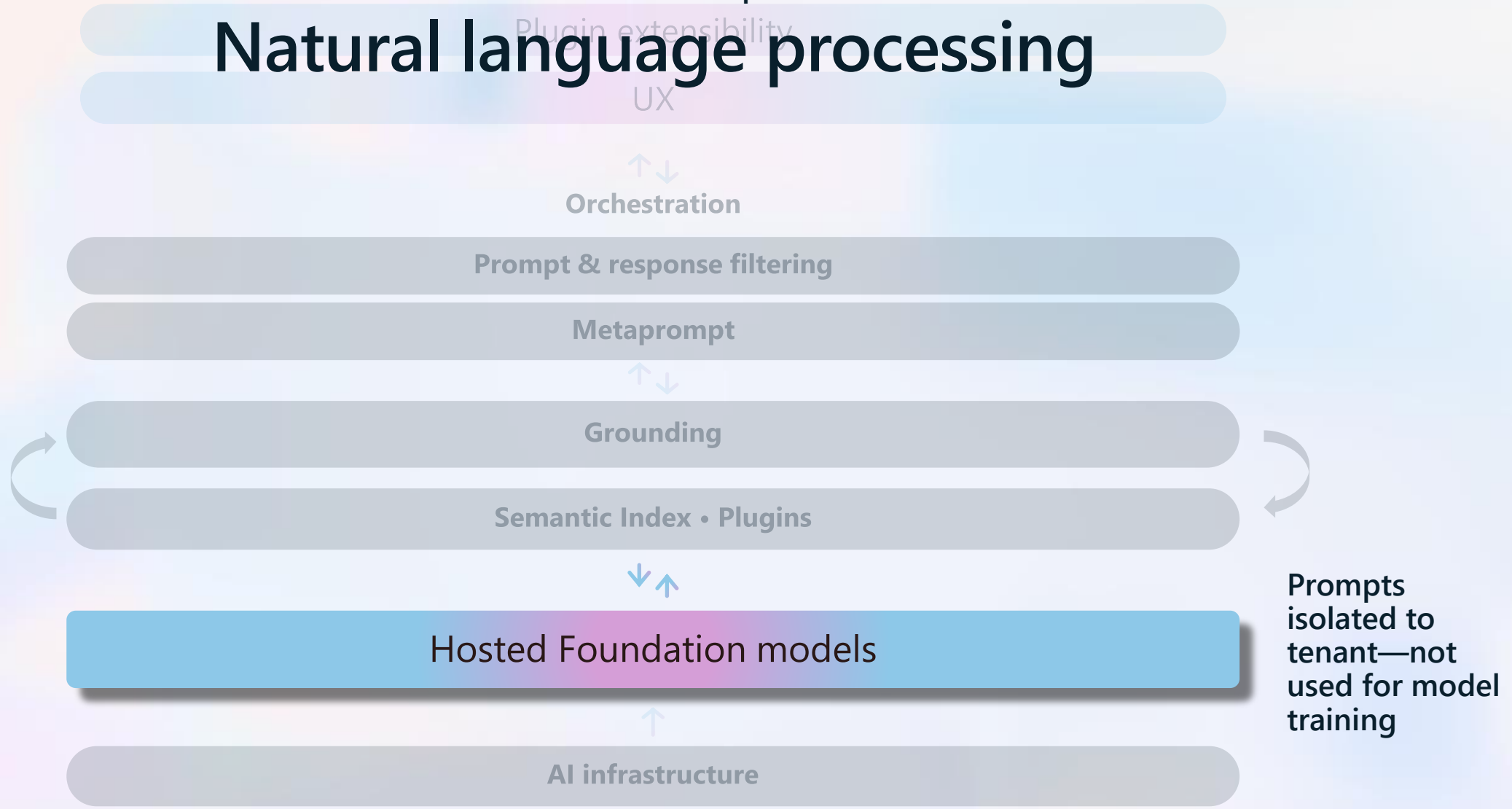
Microsoft 365 Copilot

Retrieval Augmented Generation (RAG)



Microsoft 365 Copilot

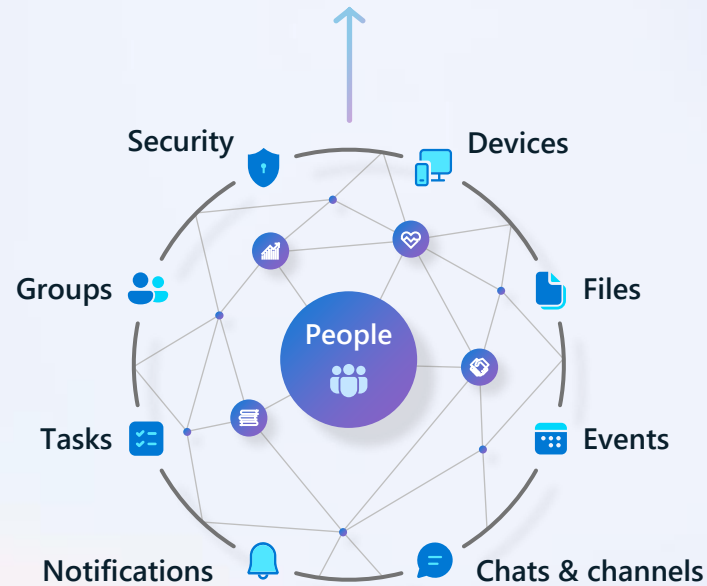
Natural language processing



Microsoft 365 Copilot Semantic Index

- Tenant-wide and user-scoped vector indices
- User and tenant signals & relationships
- Semantics and similarities around content and users
- Ranking and relevance
- Security and permissions
- Across documents, chats, emails, people, projects, meetings, & more

Semantic Index



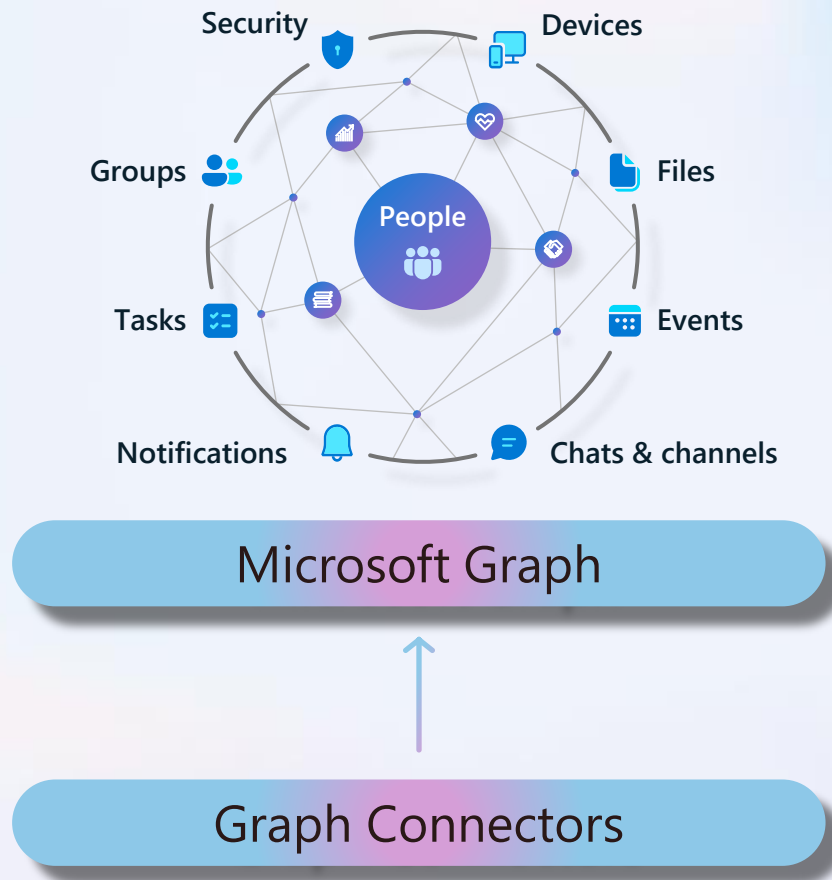
Microsoft Graph

In
customer
tenant

Microsoft 365 Copilot

Microsoft Graph

- Line-of-business and 3rd party data
- Security and permissions
- Search schema, filters and eDiscovery



In customer tenant

Semantic Index for Microsoft 365 Copilot

Microsoft 365 Copilot processing of customer data and prompts.

- Customer data sent to cloud model and results returned for user choice.
- Cloud model processes data without storing or retraining it.
- Customer data and prompts not stored by Microsoft.

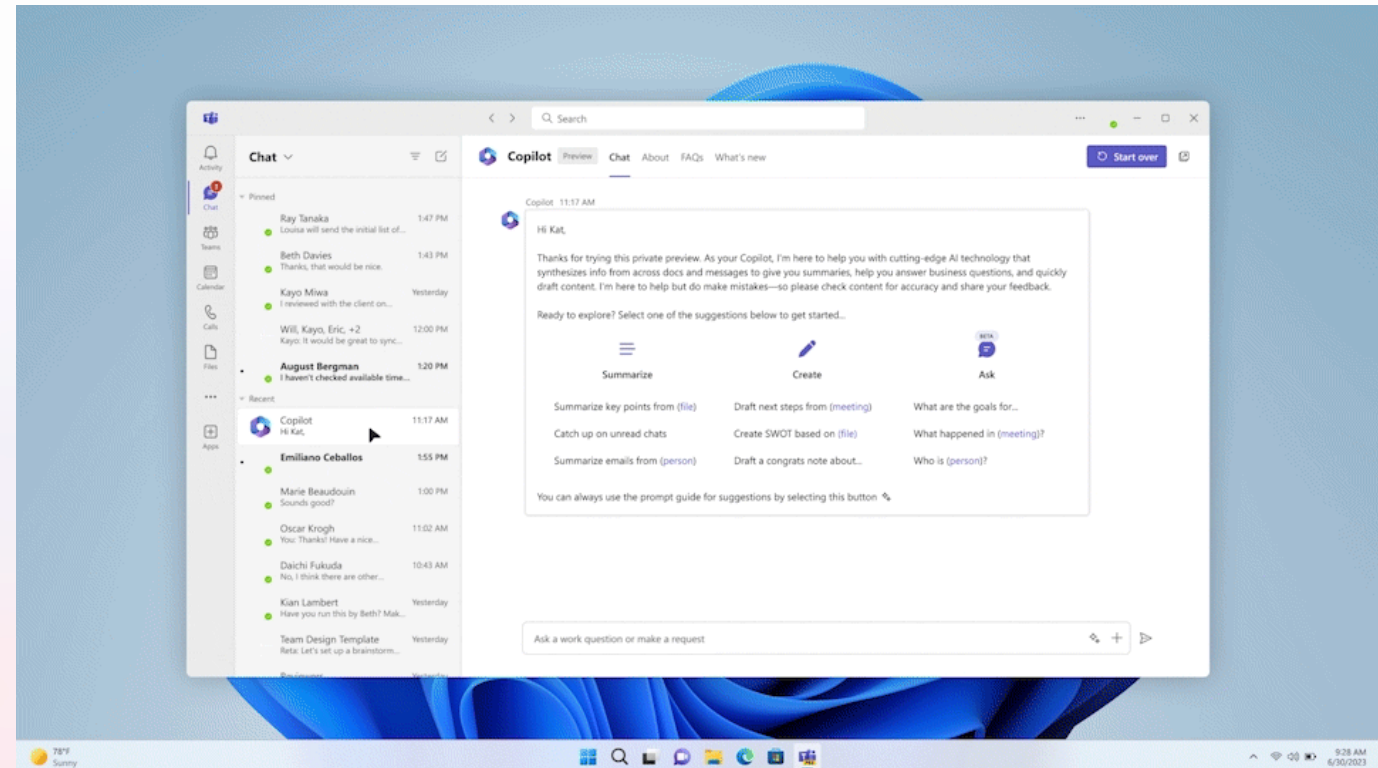
Semantic Index for Copilot

Semantic Index for Copilot creates

Semantic Index for Microsoft 365 Copilot

To help every customer get AI-ready, we're rolling out Semantic Index for Copilot:

- The Semantic Index for Copilot creates a sophisticated map of your and your organizational data – identifying relationships and making important connections.
- It uses that conceptual understanding to determine your intent and help you find what you need
- The Semantic Index for Copilot enables Microsoft 365 Copilot to deliver relevant, actionable responses to prompts – and do so in a secure, compliant, privacy-preserving way.



Semantic Index for Microsoft 365 Copilot

keyword matched results & suggestions

Project Melbourne Shiroom

All Files Sites People Messages Images 2 more

Filters File type Last modified

Did you mean [project melbourne show room?](#)

- Melbourne - Upcoming Workshops**
Project Melbourne
Jodine Lingle modified on 1 March 2020
Project Melbourne is an ambitious and innovative endeavour aimed at transforming the technology...Project Melbourne focuses on lev...
- Blog Strategy - Project Melbourne**
Project Melbourne Blog
Youngji Kim modified on 12 October 2022
...address key challenges faced by hybrid work. The blog strategy envisions a holistic approach that integrates various aspects of...
- Melbourne phase 3 office build out**
Melbourne Office
Clodagh Fitzpatrick modified on 25 March 2017
Sustainability is a key pillar of the Melbourne office. We should aim to reduce carbon emissions, enhance energy efficiency, and promote renewable energy sources throughout...
- Facts About Melbourne**
Time and Places
Jodine Lingle modified on February 16, 2018
Founded in 1975, **Melbourne** is the worldwide leader in manufacturing, sales, services, devices and solutions that help...
- A New Life for Old Projects**
DCX Manaaed Service

Without Semantic Index for Copilot

autocorrected spelling of organizational jargon

Project Melbourne Shiroom

All Files Sites People Messages Images 2 more

Filters File type Last modified

Including results for **'Project Melbourne Shiproom'**
Search only for **'Project Melbourne Shiroom'**

Project Melbourne is a forward-thinking and comprehensive urban development initiative that envisions a sustainable, technologically advanced, and inclusive future for the organisation.

- PM Specification Document**
<https://microsoft.sharepoint.com/teams/SalesAndAccounts/Profiles/Melbourne/>
- PM Shiproom June 2023**
Project Melbourne
Jodine Lingle modified on 1 December 2021
Project Melbourne is an ambitious and innovative endeavour aimed at transforming the technology...Project Melbourne focuses on lev...
Karin Blair shared this with you 5 days ago

Frequently Asked Questions

- What are the dependencies on Project Melbourne?
- When is project Melbourne expected to finish?
- What is the budget for project Melbourne?

Was this answer useful?

PM Quarterly Newsletter

informative answers directly from documents

more relevant results, based on search intent

enhanced content sharing insights

AI generated questions and answers on topic

With Semantic Index for Copilot

Semantic Index for Microsoft 365 Copilot features

Organizational Terms creates a custom dictionary of generated terms that autocorrect misspelled jargon & acronyms unique to your organization.

Document Excerpts are extractive, informative answers to a query in the most relevant paragraph in the most relevant document.

Semantic Search understands the intent behind your prompts and commands, producing more relevant, transparent results

More Context provides collaboration, sharing and content insights to search results

Frequently Asked Questions provide AI generated questions and answers on a query to help you understand more about the query in a single search pane.

The screenshot displays the Microsoft 365 search interface for 'Project Melbourne Shiproom'. The search results are categorized into several sections:

- Search filters:** 'All', 'Files', 'Sites', 'People', 'Messages', 'Images', '2 more'.
- Filters:** 'File type', 'Last modified'.
- Including results for 'Project Melbourne Shiproom':** A search box with the text 'Search only for 'Project Melbourne Shiproom''.
- Document Excerpt:** A snippet from a document: 'Project Melbourne is a forward-thinking and comprehensive urban development initiative that envisions a sustainable, technologically advanced, and inclusive future for the organisation.'
- Document:** 'PM Specification Document' with a URL: 'https://microsoft.sharepoint.com/teams/SalesAndAccounts/Profiles/Melbourne/'.
- Collaboration:** 'PM Shiproom June 2023' with a document icon and a share icon.
- Project Card:** 'Project Melbourne' by 'Jodine Lingle modified on 1 December 2021'. Description: 'Project Melbourne is an ambitious and innovative endeavour aimed at transforming the technology...Project Melbourne focuses on lev...'. A share icon and a notification: 'Karin Blair shared this with you 5 days ago'.
- More Context:** A search bar with a dropdown arrow.
- Frequently Asked Questions:** A list of AI-generated questions and answers:
 - What are the dependencies on Project Melbourne?
 - How many products does Contoso produce?
 - Who is the CTO of Contoso Corporation?
- Related searches:** 'Project Melbourne', 'Melbourne office', 'Fabrikam Inc', 'Wide World Importers'.
- Footer:** 'PM Quarterly Newsletter'.



Microsoft Graph

Ground Copilot
in **your data**

Enforce **security**
& **permissions**
at runtime

Customer's **data**
- **not used** for
training

Power **Semantic**
Index for Copilot

Copilot for Everyone

Bing Chat Enterprise

AI-powered chat for work with [commercial data protection](#). What goes in — and comes out — remains protected. Chat data is not saved, and Microsoft has no eyes-on access – which means no one can view your data. And best of all, your data is not used to train the large language models.

Enable @ <https://aka.ms/TurnOnBCE>
Access @ <https://bing.com/chat>

In GA Now
Included with Microsoft 365 E3, E5, Business Standard and Business Premium.

The screenshot displays the Bing Chat Enterprise interface. At the top, the user's email is 'cblackburn@concurrency.com' and the chat is marked as 'Protected'. The main heading is 'Bing Chat Enterprise' with a shield icon, and the subtitle is 'AI-powered copilot for the web'. Below this, there are disclaimers: 'Bing is powered by AI, so surprises and mistakes are possible. can improve! Terms | Privacy' and 'Ads are not targeted based on your workplace identity or chat'. A 'Choose a conversation style' section offers three options: 'More Creative', 'More Balanced', and 'More Precise' (which is selected). The chat history shows a search for 'ROI of migration to Azure Cloud' and a response. The response includes a disclaimer: 'Your personal and company data are protected in this chat'. The main text of the response states: 'The ROI (Return on Investment) of migrating to Azure Cloud from a traditional datacenter can vary based on several factors, but here are some findings from studies:'. It lists three bullet points: 1. 'A Forrester study found that a composite organization using Azure PaaS can realize a **three-year 228 percent return on investment (ROI)**, with a payback period of 15 months ¹.' 2. 'The same study also found a **50 percent increase in the speed of application development** and a **40 percent reduction in app-dev related infrastructure costs** ¹.' 3. 'Another study on Azure Arc demonstrated a **206 percent return on investment (ROI) over three years** with payback in less than six months ².' The response continues: 'However, it's important to note that although the ROI formula of return over costs appears relatively simple, it can be surprisingly complicated when applied to a cloud migration ³. Comparing on-prem vs cloud ROI calculations can turn complex, and may not return the data you need to facilitate decision-making ³.' It then mentions: 'Microsoft Azure provides a Total Cost of Ownership (TCO) Calculator to estimate the cost savings you can achieve by migrating your application workloads to Microsoft Azure ⁴. This could be a useful tool for you to get a more accurate estimate based on your specific situation.' The response concludes with: 'Remember, as you plan and design for an Azure migration, focusing on costs helps ensure your'. At the bottom of the chat window, there is a 'New topic' button and a text input field with the placeholder 'Ask me anything...'. A small icon of a document with a checkmark is visible below the input field.



Teams Premium Features

- **Intelligent recap**
 - automatically generate meeting notes, recommended tasks, and personalized highlights, & automatically generated meeting chapters based on the meeting transcript as well.
- **New meeting options**
 - watermarking to deter leaks and limiting who can record, give you additional protections to keep the discussion private.
- **Virtual Appointments**
 - allow external attendees to join virtual, branded lobby rooms through text messages or email on any device browser—without them having to download an app.
- **Improved Webinar experience**
 - Presenters can join a virtual green room so that preparation before the webinar is seamless.
 - Presenters can more effectively manage what attendees see
 - Registration experience is improved with registration waitlist and manual approval
 - Customization of the registration start and end times
 - External encoder support and RTMP-in, you'll be able to live stream a custom RTMP source.

NOTE: Recording and transcription must be on for meetings!!

The screenshot displays the Microsoft Teams Premium meeting interface. At the top, there's a 'Meeting content' section with three document thumbnails: 'Sales report Q4...', 'Capacity stats list...', and 'VanArsdelPitchDe...'. Below this is a navigation bar with buttons for 'Notes', 'AI Notes' (highlighted in blue), '@ Mentions', 'Transcript', and 'Chat'. Underneath the navigation bar, there's a section titled 'Your personal AI suggested notes and tasks' with a 'Share to Notes' button. The main content area is divided into two sections: 'Suggested notes' and 'Suggested tasks'. The 'Suggested notes' section contains three items, each with a lightbulb icon, a text snippet, and a timestamp. The first note is about Serena and Beth discussing a sales report and budget. The second note is about Beth explaining product release plans and advertising budget. The third note is about Beth discussing capacity management and a double-check by Babak. The 'Suggested tasks' section contains two items, each with a lightbulb icon and a text snippet. The first task is for Beth to follow up on the advertising budget. The second task is for Jon Shammass to double-check with Amanda regarding the ETA for a new product release.

In GA Now, \$10 USD per user / mo, \$7 introductory

Windows Copilot



Copilot adds Authentication Metadata Image Attribution (AMIA) credentials to images it creates, using the Content Authenticity Initiative (CAI) plug-in, as shown at the bottom left below.

A baseball player hitting a home run in city field

Bing Image Creator | 1024 x 1024 jpg | Created now

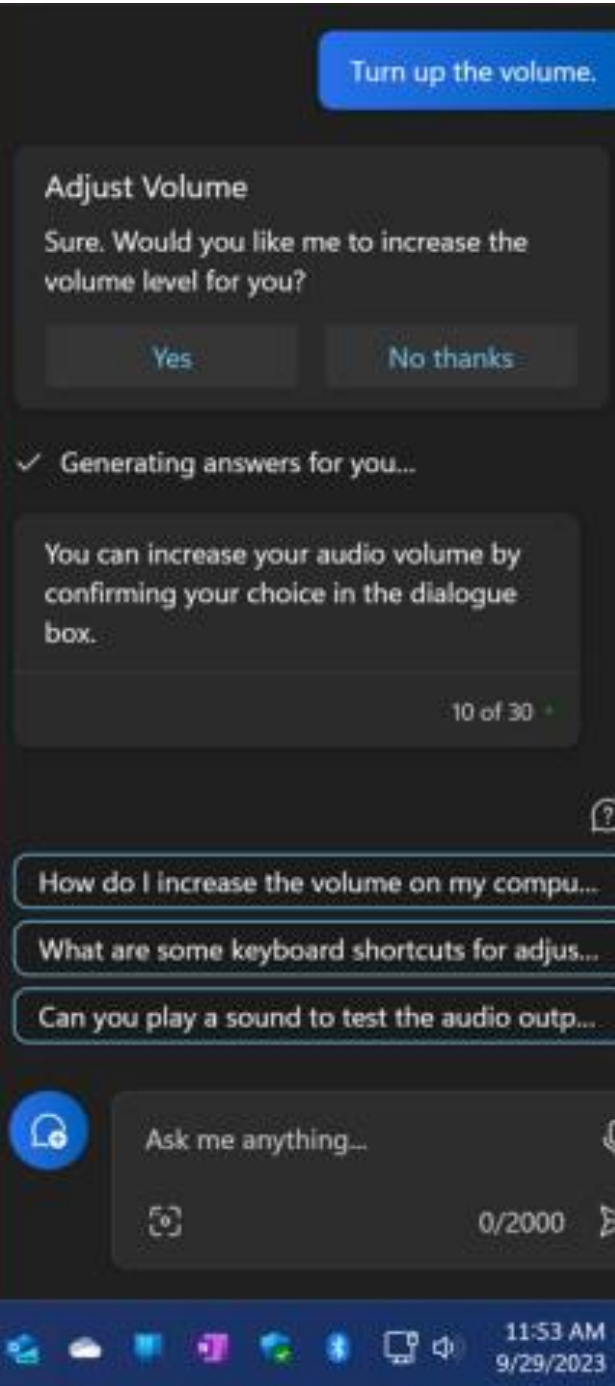
Share Save Download Customize

Content credentials
Generated with AI - September 29, 2023 at 10:41 AM



Only available in Windows 11 23H2
See bit.ly/windows11copilot
for steps on enabling **now!**

While Copilot was expected to be available worldwide, Microsoft has excluded the European Union (EU) from the roll out, at least for now, because of the Digital Markets Act (DMA).



Windows 11 AI Enhancements



Copilot in Windows (in preview) empowers you to create faster, complete tasks with ease and lessens your cognitive load – making once complicated tasks, simple.

We've made accessing the power of Copilot seamless as it's always right there for you on the taskbar or with the Win+C keyboard shortcut providing assistance alongside all your apps, on all screen sizes at work, school or at home.



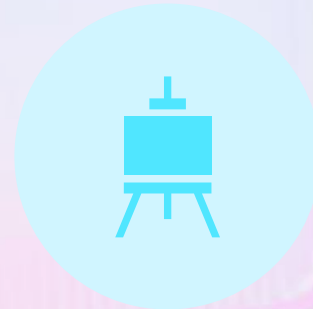
Snipping Tool now offers more ways to capture content on your screen – with this update you can now extract specific text content from an image to paste in another application or, you can easily protect your sensitive information with text redaction by using text actions on the post capture screen. Plus add sound capturing using audio and mic support, creating compelling videos and content from your screen.



Photos has also been enhanced with AI including new features to make editing your photos a breeze. With Background Blur you can make the subject of your photo stand out quickly and easily.

The Photos app automatically finds the background in the photo, and with a single click, instantly highlights your subject and blurs out the background.

Photos stored in OneDrive (home or personal) accounts, you can now quickly find the photo you're looking for based on the content of the photo. You can also now find photos based on the location where they were taken.



Paint has been enhanced with AI for drawing and digital creation with the addition of background removal and layers as well as a preview of Cocreator that brings the power of generative AI to the Paint app.

Windows 11 AI Enhancements



Clipchamp, now with auto compose, helps you with scenes suggestions, edits and narratives based on your images and footage automatically so you can create and edit videos to share with family, friends, and social media like a pro.



Notepad will start automatically saving your session state allowing you to close Notepad without any interrupting dialogs and then pick up where you left off when you return. Notepad will automatically restore previously open tabs as well as unsaved content and edits across those open tabs.



Outlook for Windows, you can connect and coordinate your various accounts (including Gmail, Yahoo, iCloud, and more) in one app. Intelligent tools help you write clear, concise emails and seamlessly attach important documents and photos from OneDrive.



New text authoring experiences to voice access and new natural voices in Narrator, continuing our ongoing commitment to making Windows 11 the most accessible version of Windows yet.



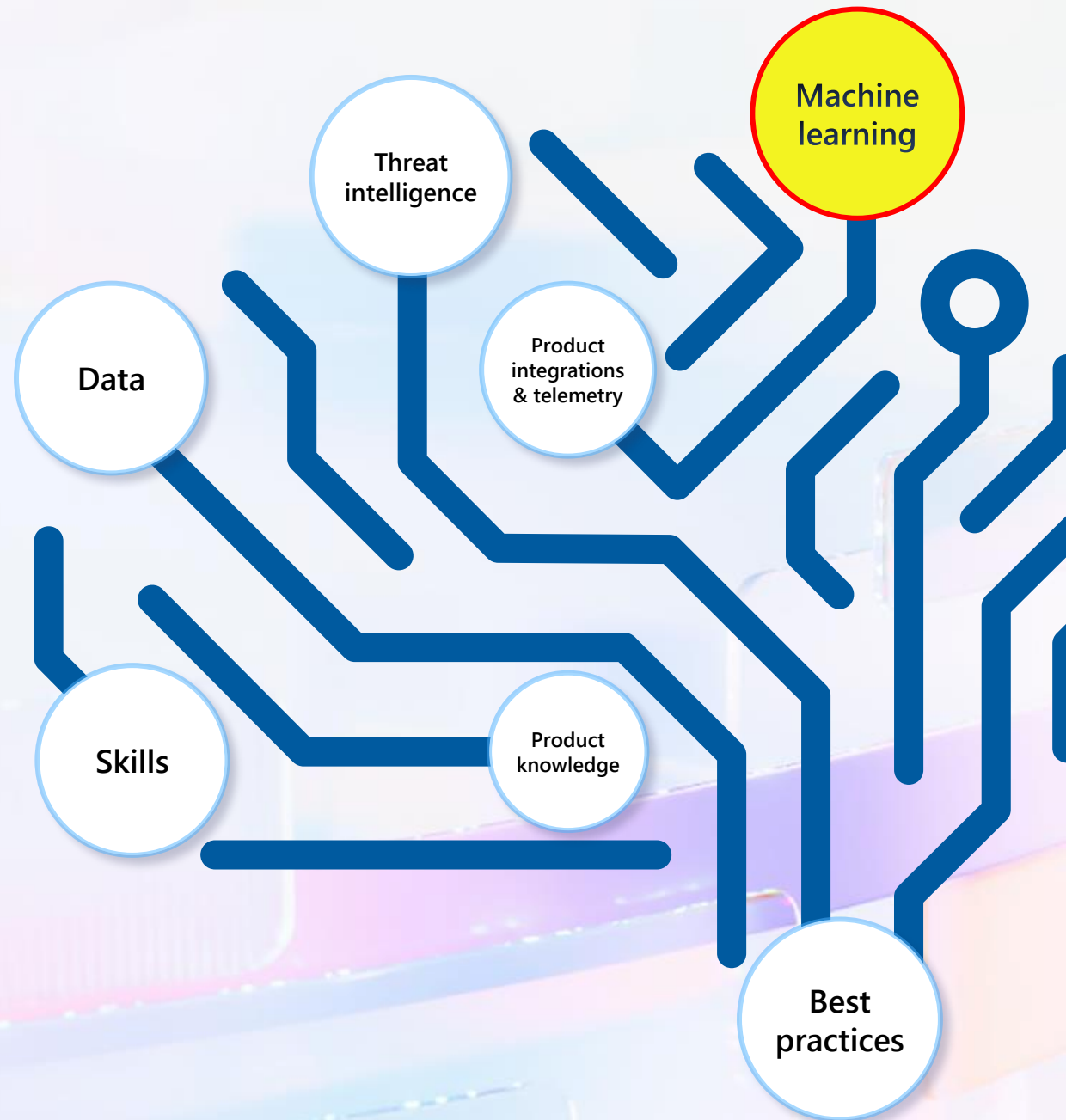
Modernized File Explorer, we are introducing a modernized File Explorer home, address bar and search box all designed to help you more easily access important and relevant content, stay up to date with file activity and collaborate without even opening a file. Also coming to File Explorer is a new Gallery feature designed to make it easy to access your photo collection.



Windows Backup makes moving to a new Windows 11 PC easier than ever. With Windows Backup, transitioning most files, apps and settings from one PC to another, is seamless so everything is right where you left it, exactly how you like it.

Security Copilot

The first generative AI security product to help defend organizations at machine speed and scale



Microsoft Security Copilot

Defending at machine speed

Security Copilot builds upon the OpenAI models, using security-specific models development by Microsoft, incorporates security specific skills, and is informed by global threat intelligence signals.

“It takes us three minutes to do a task that used to take at least a few hours”

- Private preview customer



Enable **response in minutes**, not hours



Simplify the complex with natural language prompts and easy reporting



Catch what others miss with deeper understanding of your enterprise



Upskill your security talent with cyber-trained generative AI

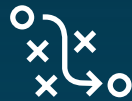


Modernize your security operations



Security posture management

Discover whether your organization is susceptible to known vulnerabilities and exploits. Prioritize risks and address vulnerabilities with guided recommendations.



Incident response

Surface an ongoing incident, assess its scale, and get instructions to begin remediation based on proven tactics from real-world security incidents



Security reporting

Summarize any event, incident, or threat in seconds and prepare the information in a ready-to-share, customizable report for your desired audience

Security Copilot

Timing

- > Early access program (EAP) to launch early October 2023.
- > Nominations opened July 18 through account teams

Pricing

- > \$100K one-time fee for a one-year license

Prerequisites

- > Must be an Enterprise License customer.
No Retail or CSP customers at this time
- > Must work with Microsoft Account team to meet eligibility criteria, agree to cost, and be nominated
- > Microsoft Defender for Endpoint P2 license

Value

- > Enhanced speed and scale for SOC analysts
 - > Incident response
 - > Security posture management
 - > Security reporting
- > Additional use cases and integrations to be supported over time, including management, identity, and compliance

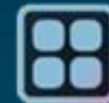
Copilot to Accelerate Development



Optimizing
the developer
experience

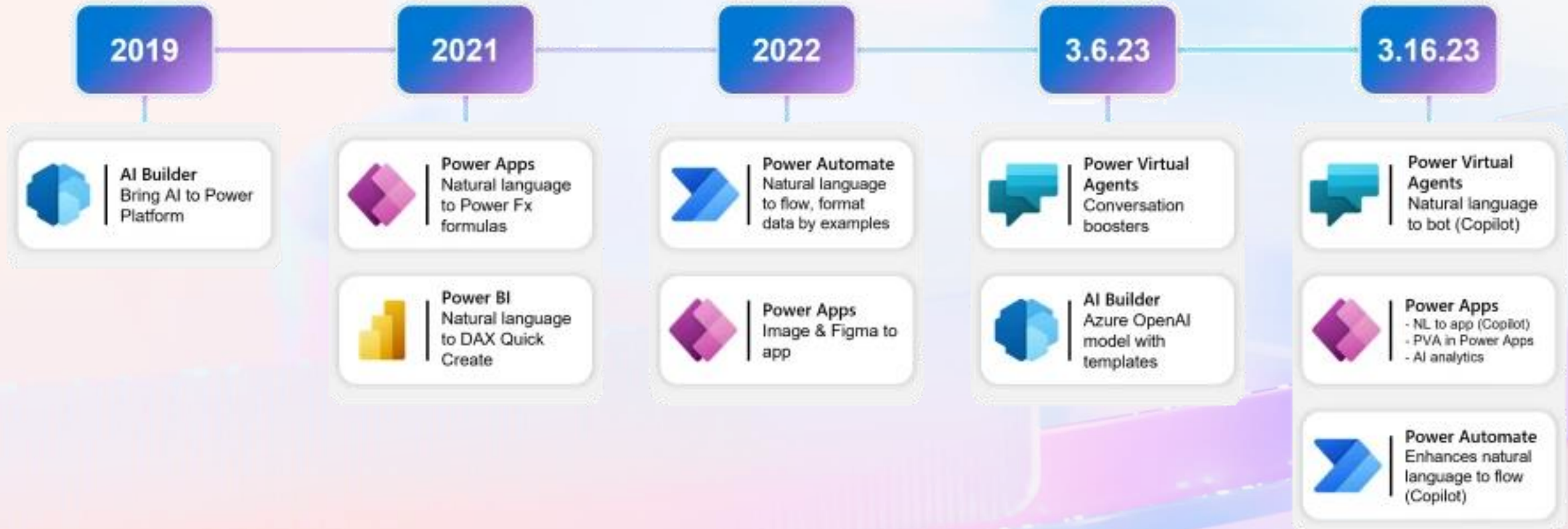


Accelerating
teams



Building
intelligent apps

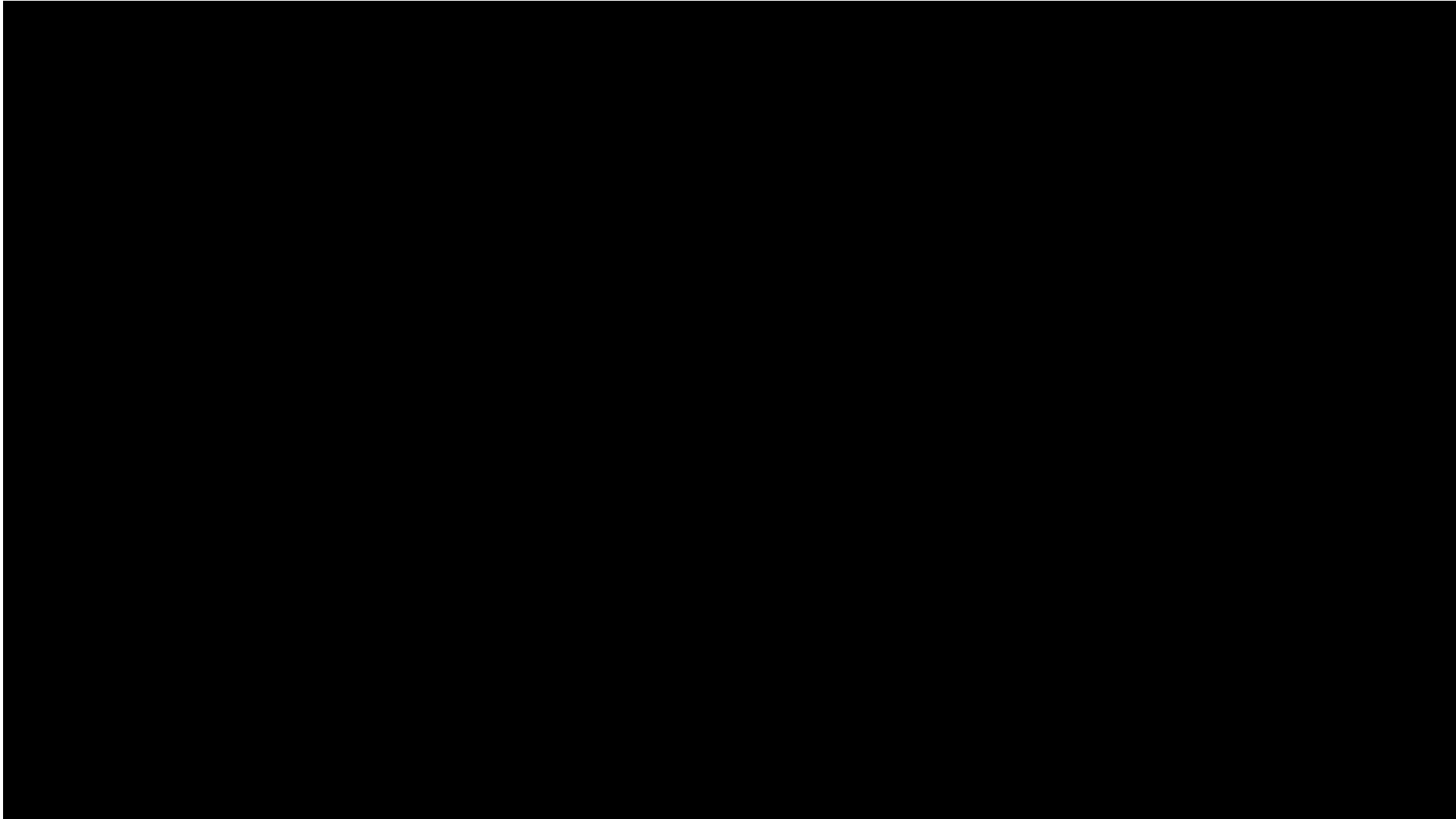
Microsoft AI Journey



The No Coding Era Is Here

1. **Democratization of App Development:** Power Platform Copilot allows users with no technical background to create custom applications.
2. **Speed and Agility:** Power Platform Copilot enables rapid application development, resulting in faster time-to-market and increased agility in response to changing business needs.
3. **Cost-Effectiveness:** Power Platform Copilot eliminates the need for expensive development resources, reducing the overall cost of building and maintaining custom applications.
4. **Integration and Extensibility:** Power Platform Copilot seamlessly integrates with other Microsoft products, allowing users to easily connect and extend their applications, creating end-to-end solutions that drive business value.
5. **Scalability and Security:** Built on Microsoft Azure, ensuring that applications can grow with the needs of the organization and adhere to Microsoft's frameworks and security standards, protecting sensitive data and applications from potential threats.

Use Copilot to build Workflows



GitHub Copilot X

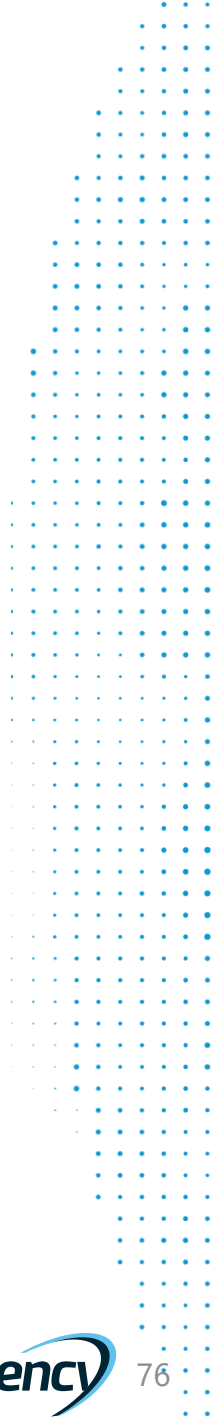
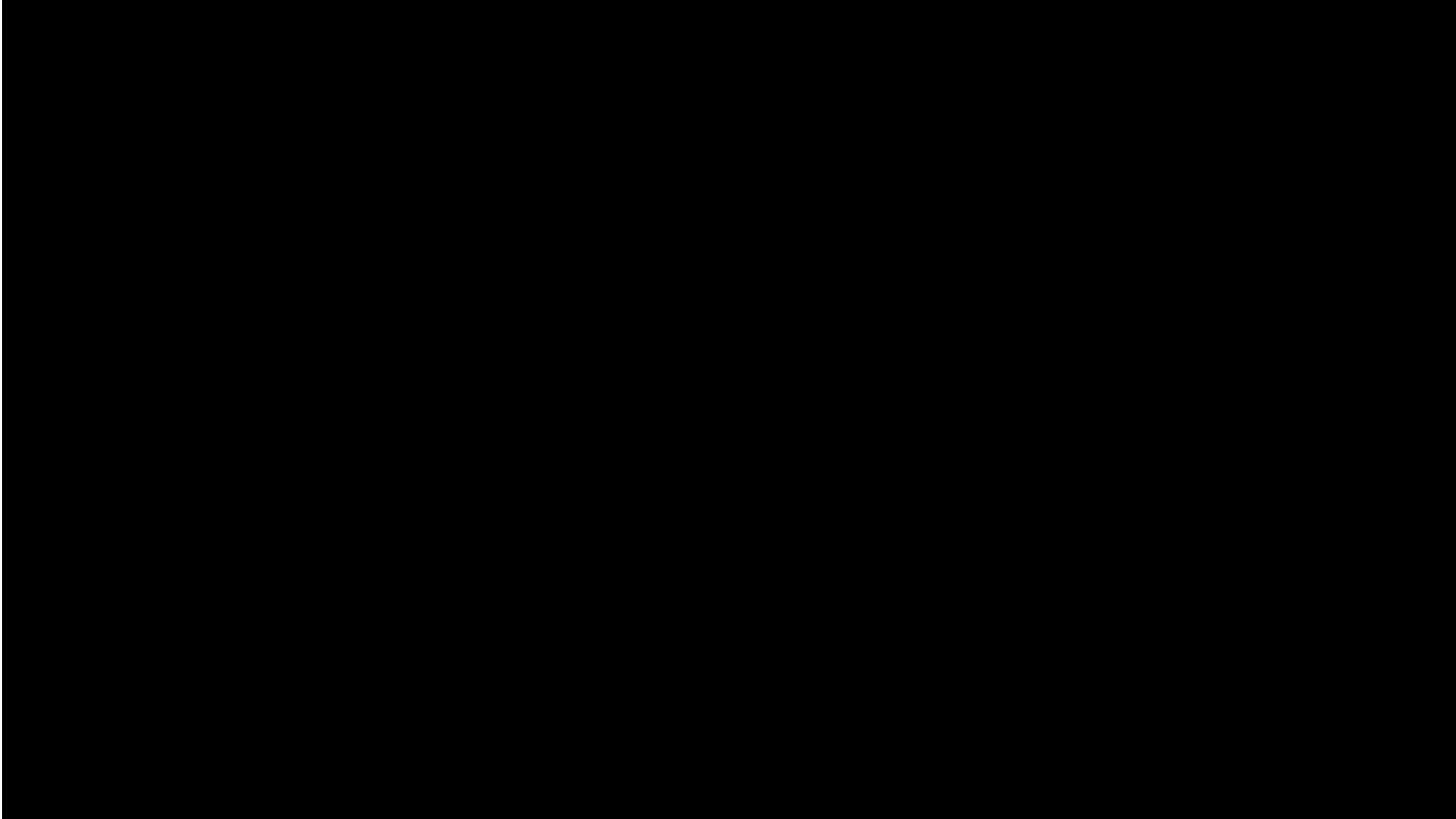


CoPilot X will revolutionize the way developers write code:

1. Copilot X will be able to suggest lines of code based on the context of the code they are writing, which will save developers time and effort.
2. Copilot X will be able to suggest more accurate and helpful suggestions than current code completion tools.
3. Copilot X will be able to understand and respond to natural language commands, which will make it easier for developers to communicate with each other about code.

Feature	GitHub Copilot	CoPilot X
Code completion	Yes	Yes
Chat and voice interfaces	No	Yes
Support for pull requests	No	Yes
Answering questions on docs	No	Yes
Adoption of OpenAI's GPT-4 model	No	Yes

GitHub Copilot X









Chat Plugins for CoPilot (outside of Microsoft 365)

Enable Copilot Chat Plugins ✕

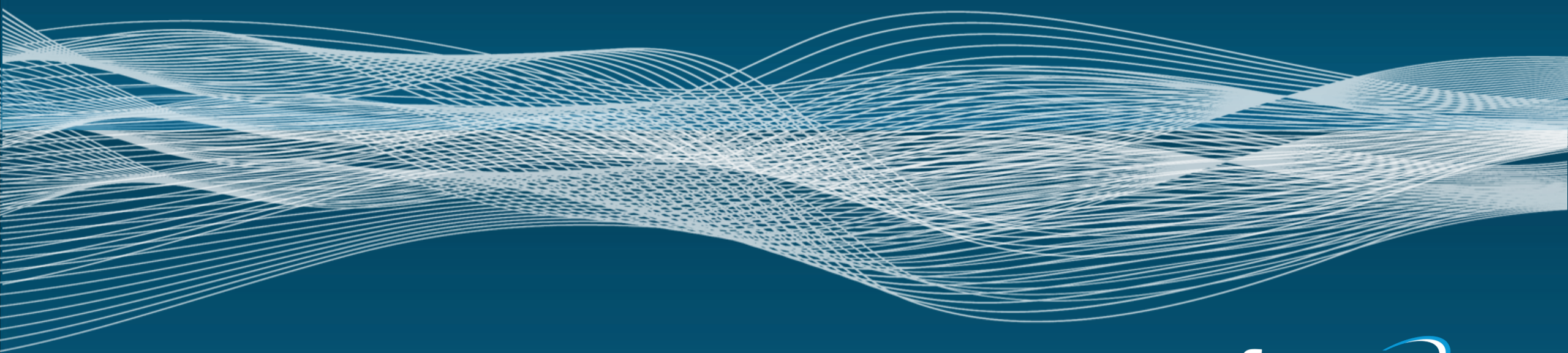
Authorize plugins and have more powerful bots!

Available Plugins

 Microsoft Graph Microsoft	<input type="button" value="Disable"/>
 Jira Atlassian	<input type="button" value="Enable"/>
 GitHub Microsoft	<input type="button" value="Enable"/>
 Klarna Shopping Klarna	<input type="button" value="Enable"/>
 Hugging Face Hugging Face	<input type="button" value="Enable"/>
 Azure Cognitive Service for Vision Microsoft	<input type="button" value="Enable"/>

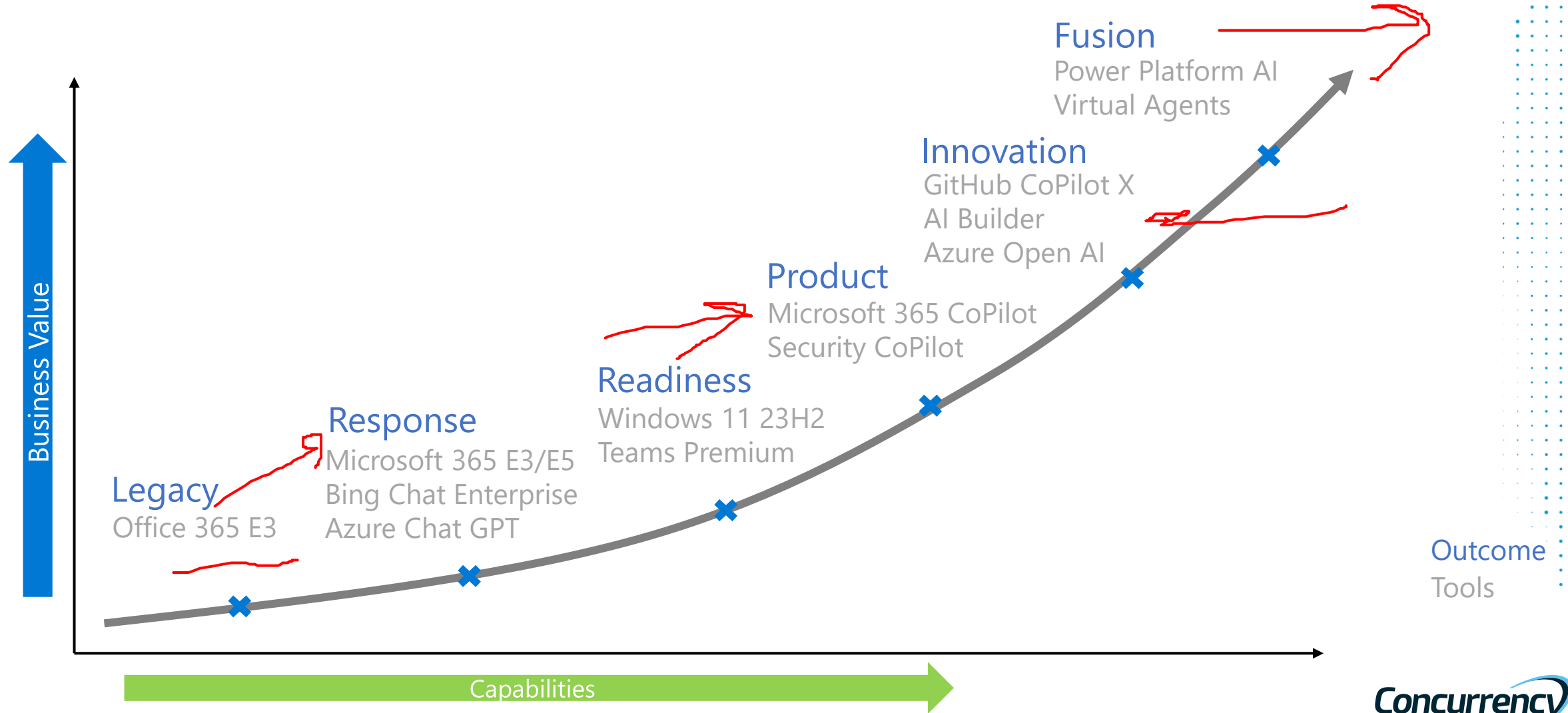


CoPilot Ground View

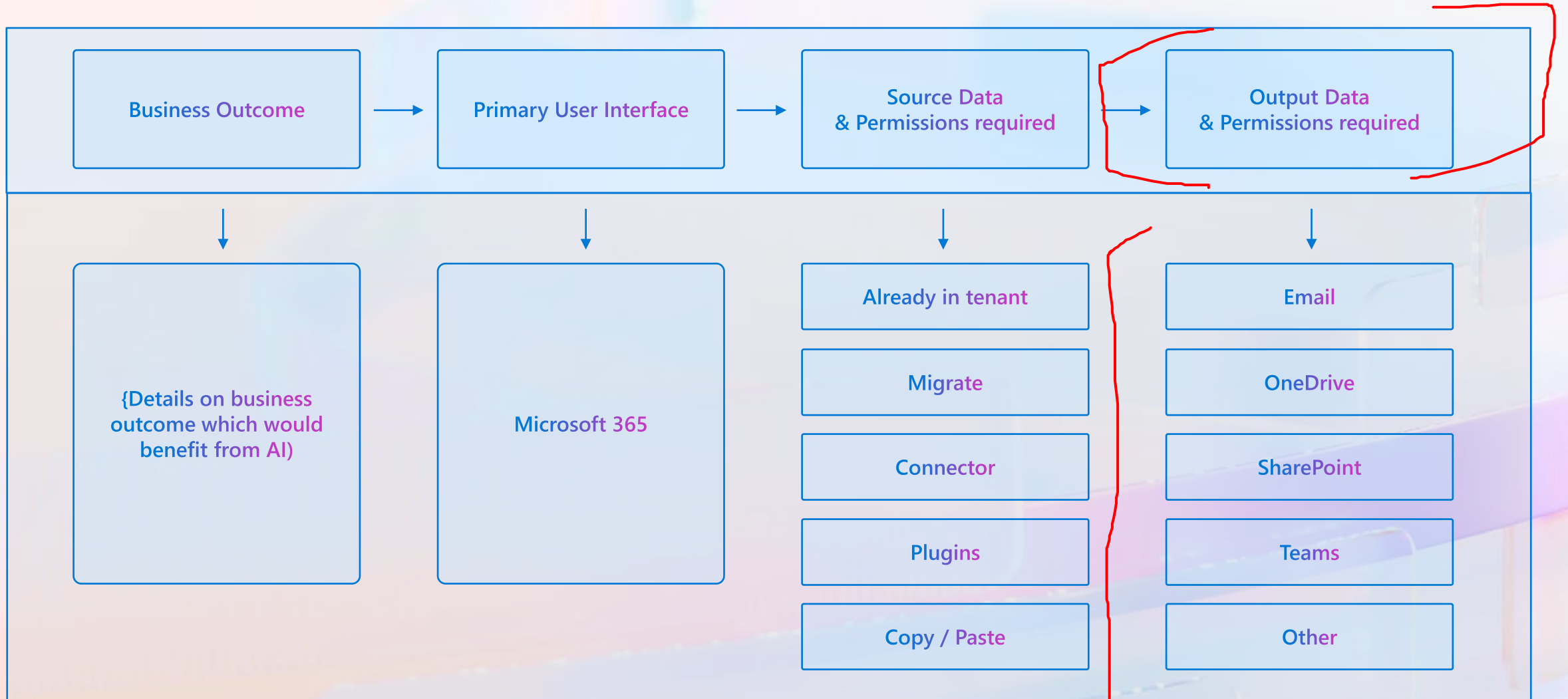


How to prepare for Microsoft 365 Copilot

Aligning AI to your Technology Maturity



Microsoft 365 Copilot finding the AI opportunity



How Do I Prepare My Tenant

- ✓ Microsoft 365 E3 or E5 are licensing prerequisites.
- ✓ An Azure Active Directory account for each user in your org¹
- ✓ A provisioned OneDrive account for each user in your org.
- ✓ Tenants with the richest data in Microsoft 365 (Exchange, OneDrive, SharePoint, Teams) will get the best results in CoPilot. The richness of the cross-app experience will depend on the data sources indexed by Microsoft 365.
- ✓ For Outlook: Users need to be using the **new Outlook for Windows** (currently in Preview). Users can load the new Outlook by toggling or Outlook Mobile. [Getting started with the new Outlook for Windows – Microsoft Support](#).
- ✓ For Teams: Users need to be using Teams desktop client or the web app. **Both current and the new versions of Teams supported.**
- ✓ For Loop: Tenants must have Loop enabled. [Learn more how to enable Loop](#). *(only required if customer want to use Copilot in Loop)*
- ✓ User devices must be on either the Current Channel or Monthly Enterprise channel
- ✓ Meeting the Requirements for the **Tenant Review Council (TRC)**

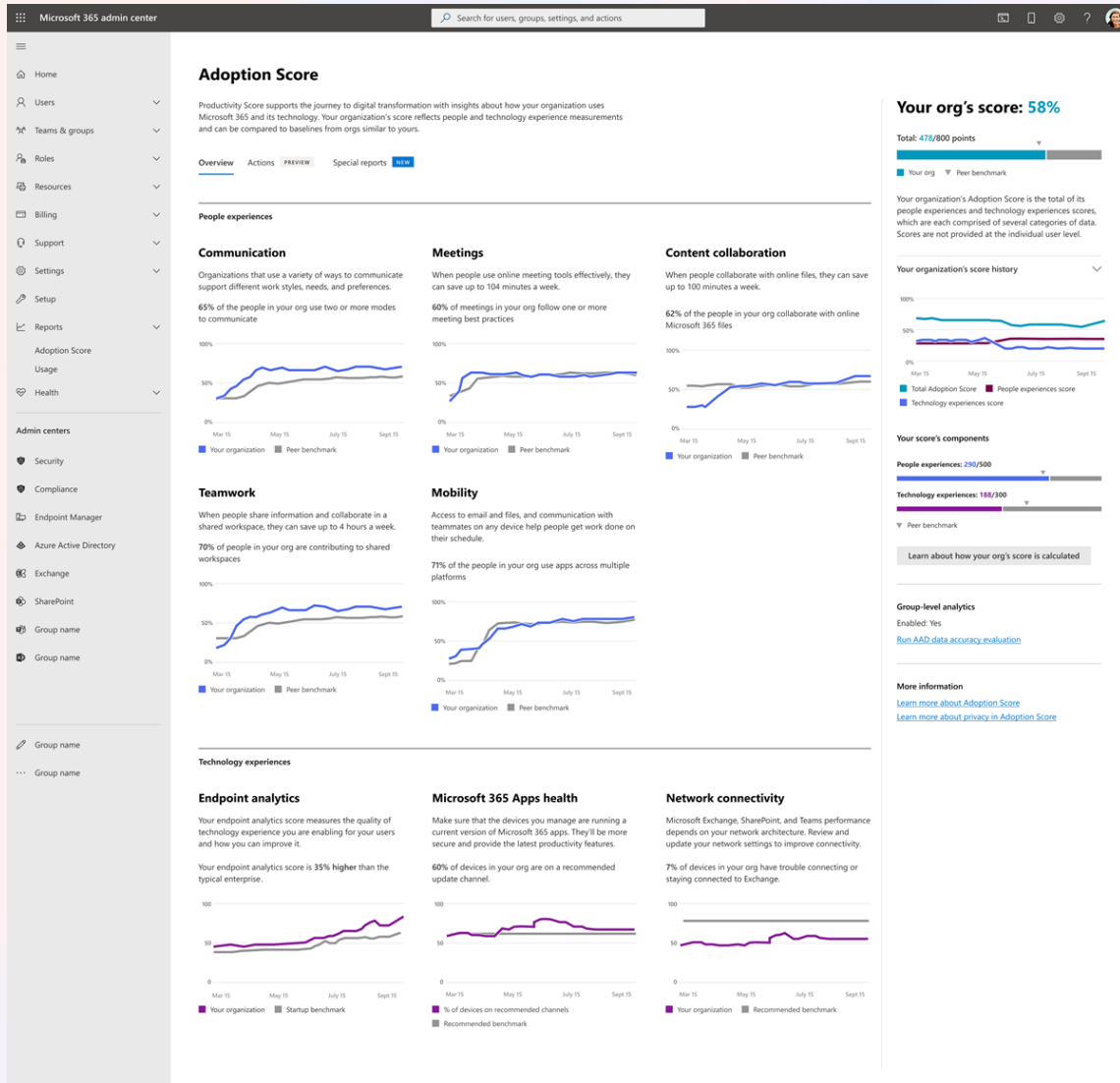
How Do I Prepare For the Tenant Readiness Council (TRC)

- ✓ CoPilot licenses can be purchased starting on November 1, 2023
- ✓ Microsoft 365 E3 or E5 are licensing prerequisites.
- ✓ If not, you must purchase sufficient ME3/ME5 seats in same transaction as Copilot to address the gap
- ✓ Microsoft 365 Copilot can only be purchased as if you have an EA or EAS. **Retail or CSP customers cannot purchase at this time**
- ✓ Your local Microsoft Commercial Executive must start the transaction process
- ✓ The purchase is for **300 or more seats** at the cost of \$30 per user, per month
- ✓ You as reviewed the data residency and data processing standards for Microsoft 365
- ✓ You have reviewed ME3 and/or ME5 usage health and have developed a plan to drive healthy Microsoft 365 Copilot adoption.



How Do I Ensure a Healthy Microsoft 365 Tenant?

<https://admin.microsoft.com/#/adoptionscore>



Adoption Score provides insights for your organization in two areas: people experiences and technology experiences. All insights are calculated using data at the organizational level, not the individual level. Ensure insights are calculated across all users, and then use the Adoption Score report to validate score (the highest score is 800 points, making 100%)

Adoption Score

Adoption Score provides insights for your organization in two areas: people experiences and technology experiences. All insights are calculated using data at the organizational level, not the individual level.

[Learn about privacy settings in Adoption Score](#)

Insight calculations and display Organizational messages

Select users and groups for calculating insights

Choose the users and groups whose data will be used to determine your org's people experiences insights.

- Include all users (recommended)
- Exclude specific users via group
- Don't calculate for any users

<https://admin.microsoft.com/#/Settings/Services/:/Settings/L1/AdoptionScore>



How Do I Prepare My Data

- ① Understand file permissions:
 - Overview of [sharing and permissions available in SharePoint in Microsoft 365](#)
 - [Sensitivity labels](#) from Microsoft Purview
- ② Implement data loss prevention policies:
 - Learn about [data loss prevention](#)
 - Watch: [automatically classifying and protecting documents and data](#) and [data loss prevention in Microsoft Purview](#)
- ③ Use reporting to stay updated:
 - [Usage reports](#) in the Microsoft 365 admin center
 - [Data access governance reports](#) in SharePoint admin center

Review this [blog post](#) on getting tenant ready for Microsoft 365 Copilot or watch this Microsoft Mechanics [video](#).

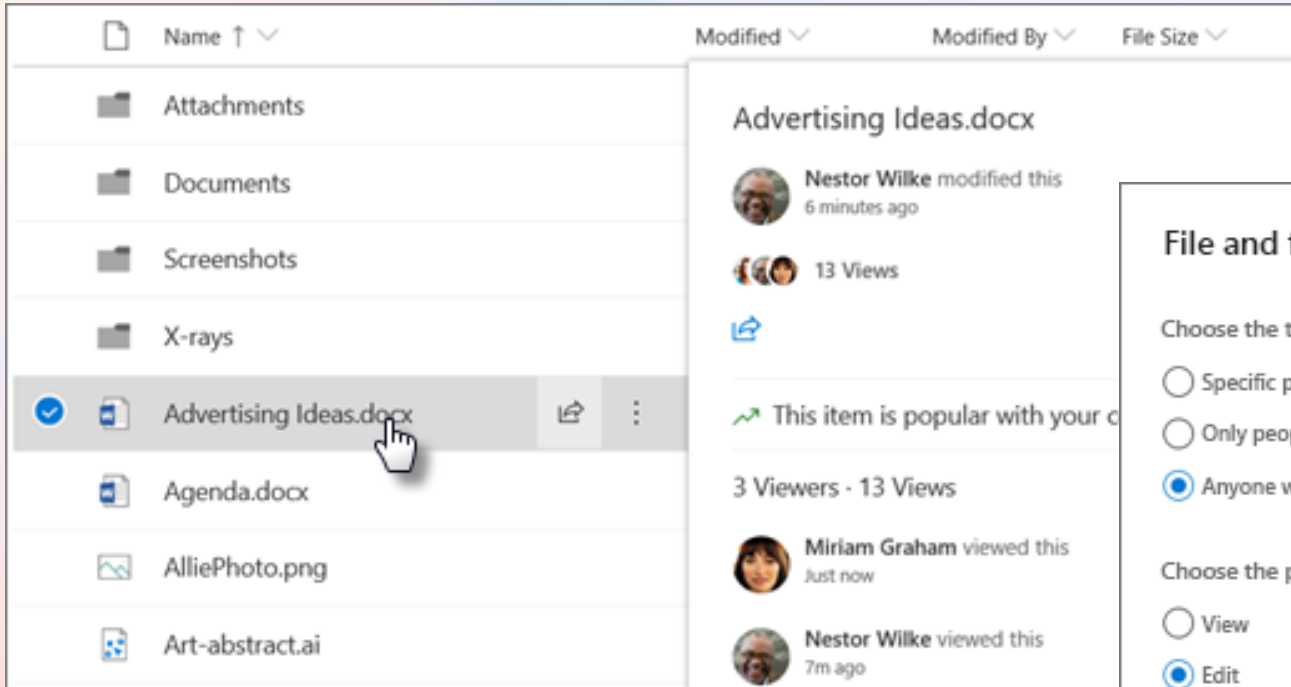
How Do I Prepare My Data

Understand File Permissions

Implement Data Loss Prevention Policies

Use Reporting to Stay Updated

- Overview of [sharing and permissions available in SharePoint in Microsoft 365](#)
- [Sensitivity labels](#) from Microsoft Purview



The screenshot shows a SharePoint file list with columns for Name, Modified, Modified By, and File Size. The file 'Advertising Ideas.docx' is selected, and its details are shown in a side panel. The details include the user 'Nestor Wilke' who modified it 6 minutes ago, 13 views, and a share icon. Below this, it says 'This item is popular with your colleagues' and '3 Viewers - 13 Views'. The viewer list includes 'Miriam Graham' (viewed just now) and 'Nestor Wilke' (viewed 7m ago).

File and folder links

Choose the type of link that's selected by default when users share files and folders in SharePoint and OneDrive.

- Specific people (only the people the user specifies)
- Only people in your organization
- Anyone with the link

Choose the permission that's selected by default for sharing links.

- View
- Edit

How Do I Prepare My Data

Understand File Permissions

Implement Data Loss Prevention Policies

Use Reporting to Stay Updated

- Learn about [data loss prevention](#)

The screenshot shows the Microsoft Excel interface with a file save dialog box open. The dialog box is titled "Financial Summary.xlsx" and is located in the "Reports" folder under "Sales and Marketing". The "Sensitivity" dropdown menu is expanded, showing options: "Confidential\All Employees" (selected), "Personal", "Public", "General", "Confidential", "Highly Confidential", and "Learn More". The "Confidential" option is highlighted with a red box. The background shows a spreadsheet with columns for "Year 2" and "Year 1" and rows for various financial metrics.

	Year 2	Year 1
Revenue	93,580.00	60,543.00
Gross margin	18,161.00	12,193.00
Operating income	1.48	1.24
Net income	96,526.00	174,303.00
Diluted earnings per share	44,574.00	

How Do I Prepare My Data

Understand File Permissions

Implement Data Loss Prevention Policies

Use Reporting to Stay Updated

- [Usage reports](#) in the Microsoft 365 admin center
- [Data access governance reports](#) in SharePoint admin center

Discover sites with specific sensitivity labelled files

Know your site admins

Govern these sites for right policy settings

Site ID	Site URL	Primary Admin	Primary Admin Email	Labelled documents	Site Sensitivity	Site Sensitivity	Site Unmanaged Device Policy	Site External Sharing
f7dab2e5-e0...	.../sites/InvestmentBanking	Michelle Harris	michelle.harris@contoso.onmicrosoft.com	971	162fbb5e-1f	General	None	TRUE
00bb177f-22...	.../sites/ContosoLife	Caleb Foster	caleb.foster@contoso.oncalrosoft.com	933	162fbb5e-1f	General	Limited, web-only access	FALSE
bde6e6c9-9c...	.../sites/LeadershipTeam	Avery Howard	avery.howard@contoso.onaverrosoft.com	911	162fbb5e-1f	Confidential	Block access	FALSE
3aefb921-e9...	.../sites/USSales	Riley Ramirez	riley.ramirez@contoso.onrilrosoft.com	908	222a35d4-8a	Confidential	Block access	FALSE
6d75c83f-3e...	.../sites/Operations	Amber Rodriguez	amber.rodriguez@contoso.onambrosoft.com	908	162fbb5e-1f	General	Limited, web-only access	TRUE
3c6e4459-8a...	.../sites/DroneWorkshop	Maria Sullivan	maria.sullivan@contoso.onmarrosoft.com	868	162fbb5e-1f	General	None	TRUE
160f9cc7-8e...	.../sites/FlySafeConference	Grace Taylor	grace.taylor@contoso.ongrarrosoft.com	839	162fbb5e-1f	General	Limited, web-only access	FALSE
eb95ec98-9f...	.../sites/LeadershipConnection	Sam Centrell	sam.centrell@contoso.onsamrosoft.com	634	222a35d4-8a	Confidential	Block access	FALSE
ae6640b-3c...	.../sites/MarkProjectTeam	Vance DeLeon	vance.deleon@contoso.onvanrosoft.com	588	162fbb5e-1f	Confidential	Block access	FALSE
d2bdc732-9e...	.../sites/Give	Cameron Baker	cameron.baker@contoso.oncamrosoft.com	558	162fbb5e-1f	General	Limited, web-only access	TRUE
46d12cf3-76...	.../sites/NewEmployeeOnboarding	Oscar Ward	oscar.ward@contoso.onosrosoft.com	501	162fbb5e-1f	General	None	TRUE
50f07137-47...	.../sites/ParentsofContoso	Eugenia Lopez	eugenia.lopez@contoso.oneugrosoft.com	479	222a35d4-8a	General	Limited, web-only access	FALSE
7ba4e7e9-3c...	.../sites/ContosoBrand	Casey Jensen	casey.jensen@contoso.oncasrosoft.com	446	162fbb5e-1f	Confidential	Block access	FALSE
d84d7015-7...	.../sites/ProductSupport	Brandon Stuart	brandon.stuart@contoso.onbrarrosoft.com	360	162fbb5e-1f	Confidential	Block access	FALSE
8836bd59-3f...	.../sites/RetailOperations	Devon Torres	devon.torres@contoso.ondevrosoft.com	341	162fbb5e-1f	General	Limited, web-only access	TRUE
08f03943-20...	.../sites/SalesandMarketing	Michael Peltier	michael.peltier@contoso.onmicrosoft.com	218	222a35d4-8a	General	None	TRUE
50f748af-4b...	.../sites/SalesBestPractices	Kayla Lewis	kayla.lewis@contoso.onkayrosoft.com	174	162fbb5e-1f	General	Limited, web-only access	FALSE
51763230-7c...	.../sites/USSales	Isabel Gracia	isabel.gracia@contoso.onisarrosoft.com	171	162fbb5e-1f	Confidential	Block access	FALSE
3a0abc9c-61...	.../sites/AllCompany	Kerry Allen	kerry.allen@contoso.onkerrosoft.com	150	162fbb5e-1f	Confidential	Block access	FALSE
32b81ef7-26...	.../sites/Benefits	Parker McLean	parker.mclean@contoso.onparrosoft.com	130	222a35d4-8a	General	Limited, web-only access	TRUE



Excluding Content

SharePoint | Salaudeen Rajack

Demo Sales Marketing Blog Search Teams Projects

Site Settings - Search and Offline Availability

Indexing Site Content
Specify whether this site should be visible in search results. If a site is not visible to search, then content from that site and all of its subsites will not appear in search results.

Allow this site to appear in search results?
 Yes No

Indexing ASPX Page Content
The text of the items displayed on ASPX pages is often included in search results. If individual items on the pages on this site are secured by using permissions that are more restrictive than the page itself, unauthorized users might see this restricted information in search results.

This site does not contain fine-grained permissions. Specify the site's ASPX page indexing behavior:
 Do not index Web Parts if this site contains fine-grained permissions
 Always index all Web Parts on this site
 Never index any Web Parts on this site

Offline Client Availability
Specify whether this site should be available for offline clients.

Allow items from this site to be downloaded to offline clients?
 Yes No

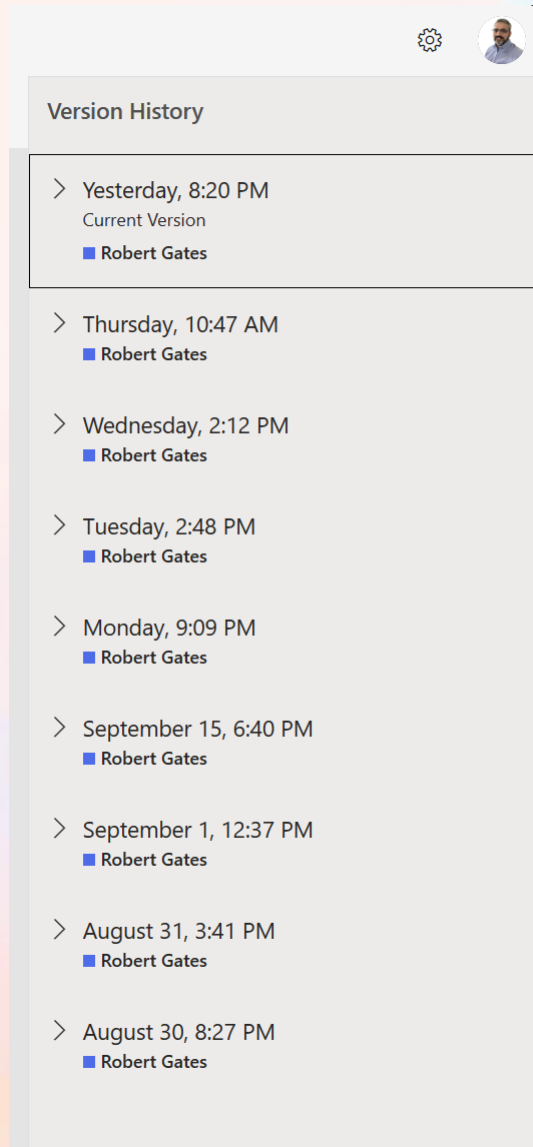
Reindex site
Marking this site for reindexing will enable this site to be picked up during the next scheduled search crawl.

Reindex site

OK Cancel

Setting the “Indexing Site Content” to “No” will prevent the site from being indexed in the Semantic Index for Copilot (as well as the Keyword index).

File Version History



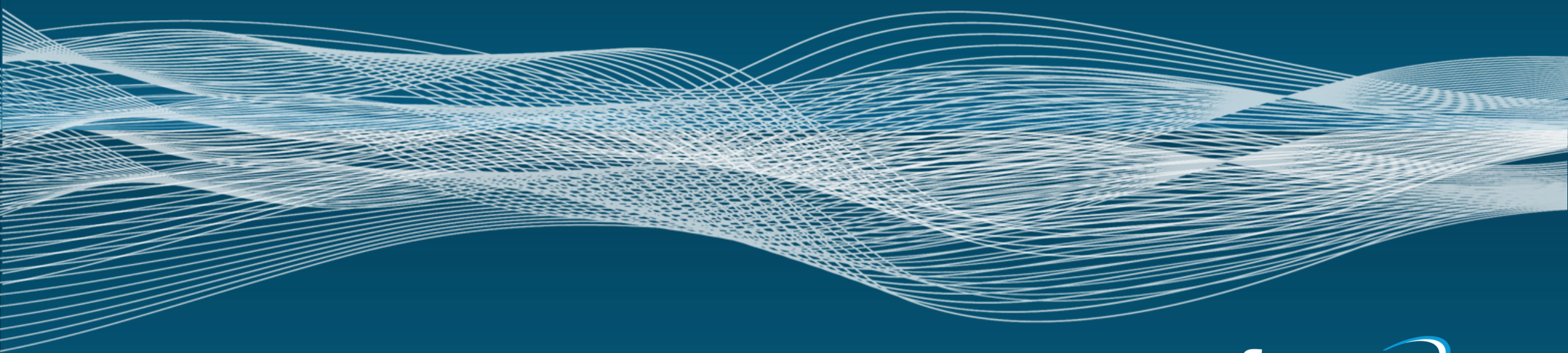
The screenshot shows a 'Version History' panel with a list of file versions. At the top right of the panel are a gear icon and a user profile picture. The list contains the following entries:

- > Yesterday, 8:20 PM
Current Version
■ Robert Gates
- > Thursday, 10:47 AM
■ Robert Gates
- > Wednesday, 2:12 PM
■ Robert Gates
- > Tuesday, 2:48 PM
■ Robert Gates
- > Monday, 9:09 PM
■ Robert Gates
- > September 15, 6:40 PM
■ Robert Gates
- > September 1, 12:37 PM
■ Robert Gates
- > August 31, 3:41 PM
■ Robert Gates
- > August 30, 8:27 PM
■ Robert Gates

Maintain a single file, all historical information is saved within the file. Only the “Current Version” is returned in Copilot results.

Concurrency

Questions?



Concurrency

Workshop Survey

MN365 Fall 2023 Workshop Day



<https://mn365.org/survey>



Concurrency