

AI in GIS

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AI in ArcGIS



GeoAI

Advancing the ***Science of GIS***, with AI models, tools and techniques, to automate data extraction at scale and uncover valuable insights faster than ever.



AI Assistants

Creating more natural and intuitive ***Experiences of ArcGIS***, using intelligent *AI assistants and agents*, to empower GIS users and boost productivity.



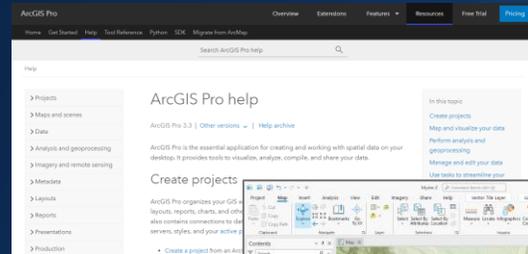
ArcGIS AI Assistants

Streamlining your work and making GIS easier

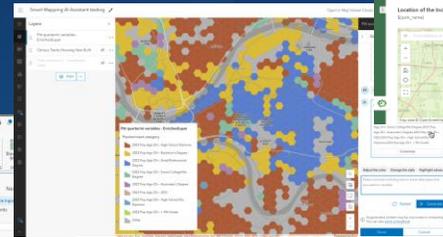
Assistants for..

- App creation
- Mapping
- Learning
- Coding
- Storytelling
- ...

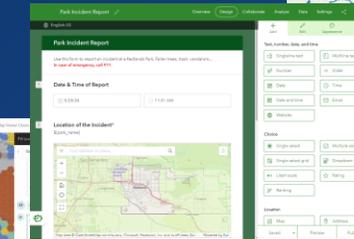
Documentation



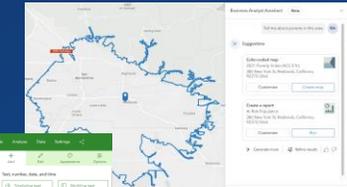
Map Viewer & Arcade



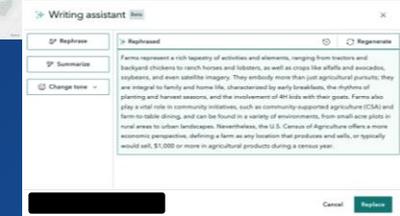
Survey123



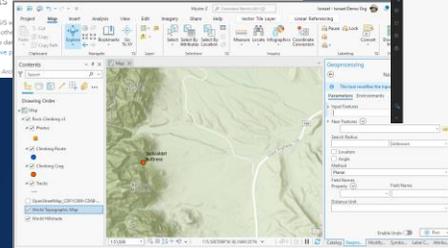
Business Analyst



StoryMaps

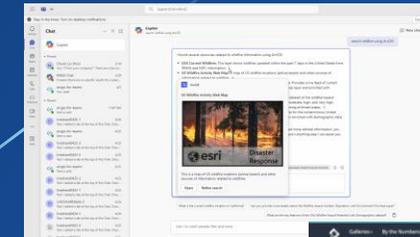


ArcGIS Pro

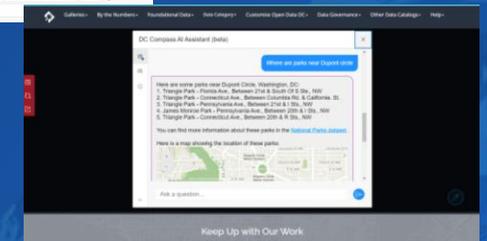


ArcGIS

ArcGIS for Microsoft Teams



ArcGIS Hub

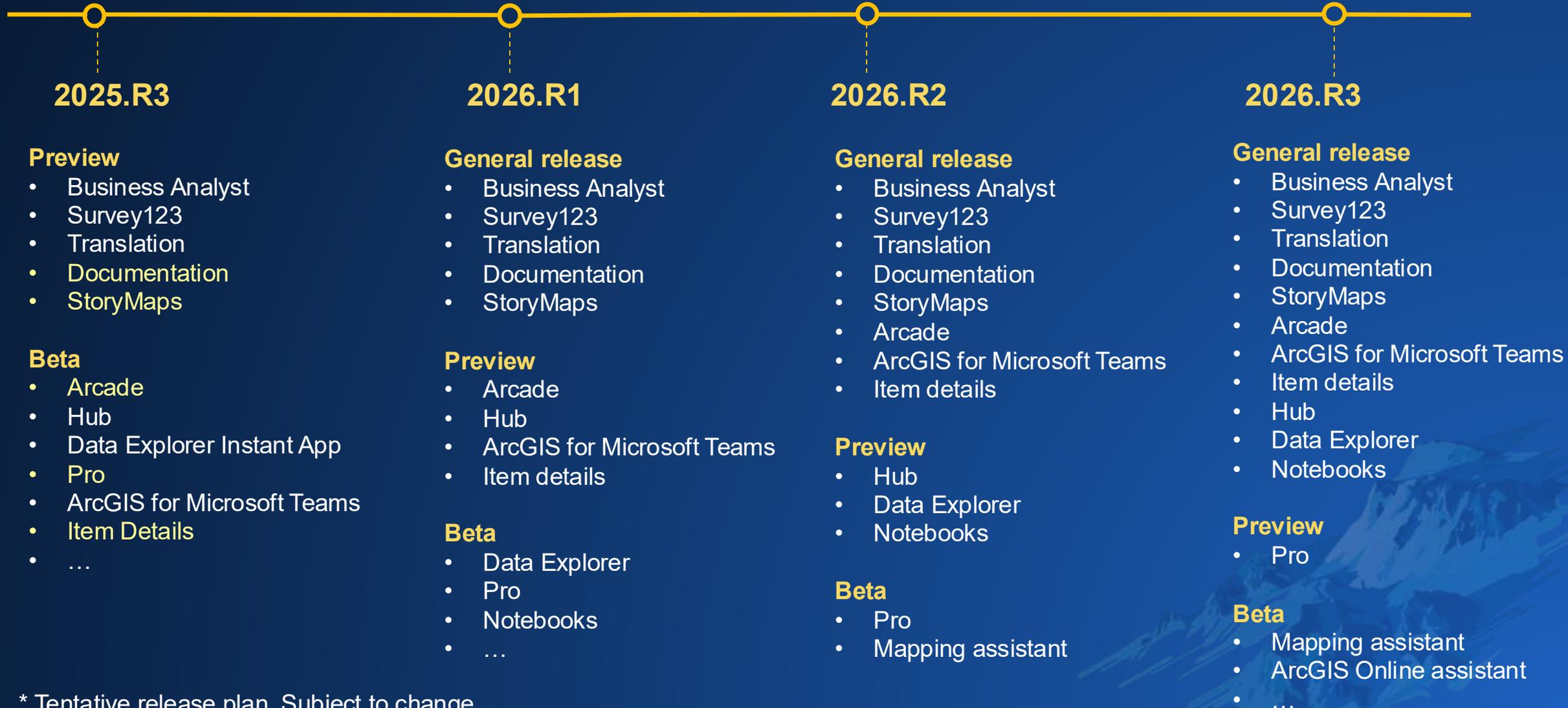


Available now

- Business Analyst (Preview)
- Survey123 (Preview)
- Pro (Private Beta)
- Arcade (Beta)
- Hub (Beta)
- StoryMaps (Beta)
- Documentation (Beta)
- And more...

Inspiring and augmenting your power as a user

ArcGIS Assistants (Online) | Release Plan *



* Tentative release plan. Subject to change.

What is Preview?

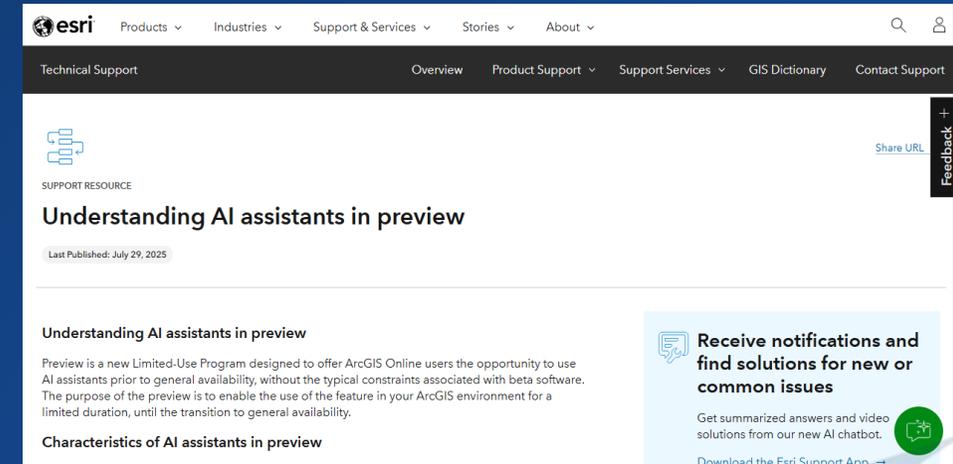


AI assistants preview

What does preview really mean?



- AI assistants in preview :
 - Have already gone through a Beta phase
 - Fully documented and functionally complete
 - Security baseline validated and Transparency card available
 - Available for use at no additional cost while in preview
- Learn more about [AI Assistants Preview](#)
 - Survey123 web designer
 - Translation assistants in Survey123 and Instant Apps
 - Business Analyst
 - Documentation (Preview planned Online 25.R3 update)
 - Story Maps (Preview planned Online 25.R3 update)



AI Assistants Currently in Preview

And upcoming Preview releases

- Survey123 (Web Designer)
Azure AI Translator
Security baseline validation
Transparency card

- Instant Apps
Security baseline validation
Transparency card

- Business Analyst
Security baseline validation
Transparency card

Documentation (Preview planned Online 2026 Q1 update)

StoryMaps (Preview planned Online 2026 Q1 update)

Transparency cards

The table below lists the AI transparency cards that provide in-depth details about our AI features, their structure, and the principles guiding their development and deployment.

- See [Transparency Card Structure document](#) for details concerning each field.
- See [Living Atlas](#) for Esri's GeoAI models.

- AI assistants**
- ✓ ArcGIS Business Analyst assistant
 - ✓ ArcGIS Survey 123 - AI assistant (Web Designer)
 - ✓ ArcGIS Translation assistants
 - 🔄 ArcGIS for Teams assistant
 - 🔄 ArcGIS Hub assistant
 - 🔄 ArcGIS Pro assistant
 - 🔄 ArcGIS Arcade assistant
 - 🔄 ArcGIS StoryMaps assistants
 - 🔄 Documentation assistant
- Completed
 In Process

Deployment Status: Preview
 Help documentation: [Help document](#)

AI Transparency Card: ArcGIS Translation assistants

Section	Description	Response
Product - Name	ArcGIS product name	ArcGIS Survey123 , ArcGIS Instant Apps
Product - Certification	Certification status of the ArcGIS Product or its subprocessors	Certified: FedRAMP Moderate
Product - Deployment	Deployment model of the product	SaaS
Name	AI feature name in the product	Translation Assistants (Preview): Survey123 , Instant Apps
Purpose	Actions AI feature is expected to perform within the product	Automates text translation in supported ArcGIS workflows, allowing users to easily translate form content (e.g., questions and choices) in Survey123 into multiple languages. The new feature in ArcGIS Instant Apps is designed to help you translate your app-authored text into Instant Apps.
Release Status	Release status of AI feature	Preview
Certification	Certification status of AI feature or its subprocessors	None
Deployment	AI feature provided via what deployment model	SaaS
Management	How AI feature can be enabled or disabled?	Opt-in by AGO Administrator
Management – Feedback	Can/how user AI feedback be enabled or disabled?	Not utilized
Management - Telemetry	How user AI telemetry data can be enabled or disabled?	EUI: Admin Config, Feature Specific: None, Subprocessors: Required
Prompt Stored	Are prompts submitted to the AI stored?	No
Response Stored	Are AI-generated responses stored?	No
Personal Data	Is personal data in training, testing, or validation datasets?	No
Processing Location	Where data is processed across the product, feature, and LLM levels, including details on any subprocessors	Product: US AGO Infrastructure, Feature: US AGO Infrastructure, LLM: US Microsoft Azure AI Translator subprocessor.
Intended Users	Primary intended users of the AI feature	GIS Analysts, Survey Creators
Out-of-Scope Uses	Scenarios AI feature may not perform accurately or reliably	Translating content not directly related to ArcGIS workflows, outside supported languages, and content where nuance, confidentiality or tone are critical.
Key Function	Key capabilities and how the AI feature enhances workflows	Automate: AI feature automates translation tasks
Model Type & Technique	AI model type and technique	Classification Model: Neural machine translation
Model Used	Specific model(s) used, such as GPT-4, T5, etc.	Microsoft Azure AI Translator Version 3.0
Esri AI Framework Use	Utilizes Esri's AI Framework to process customer data	No

@arcgis-labs/ai-components x +

https://arcgisdataexplorer.z13.web.core.windows.net

Data Explorer

Layers

What is the total area of the city boundary polygons?

What is the average length of the city boundary polygons?

How does the area of the city boundary polygons compare to their length?

Ask a question...

AI generated content may be inaccurate. [Terms](#)

Earthstar Geographics | Esri, NASA, NGA, USGS | Esri, TomTom, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, U... Powered by Esri