What’s New in ArcGIS Enterprise 11.2

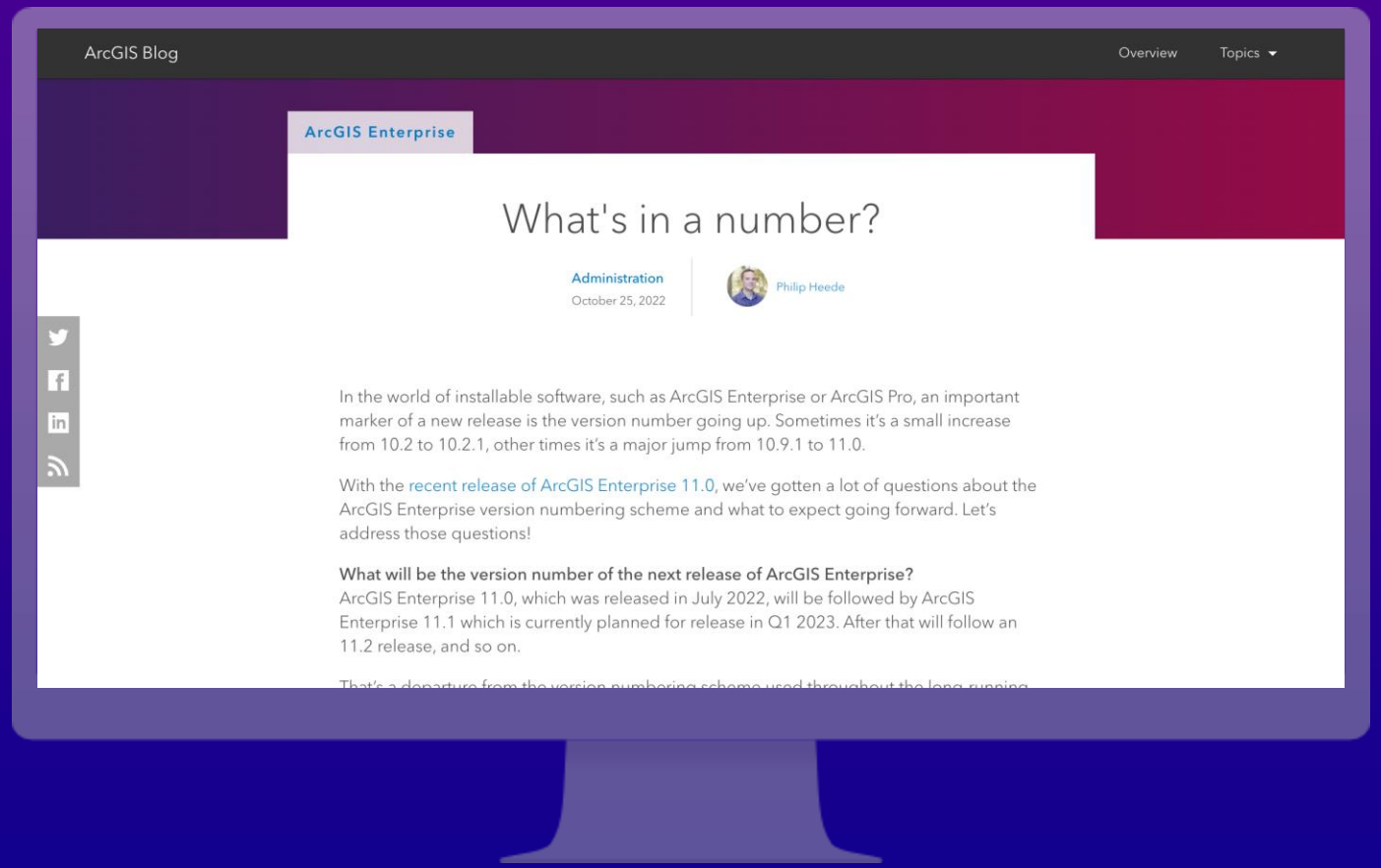
Greg Hakman

ArcGIS Enterprise 11.2 Tech Transfer

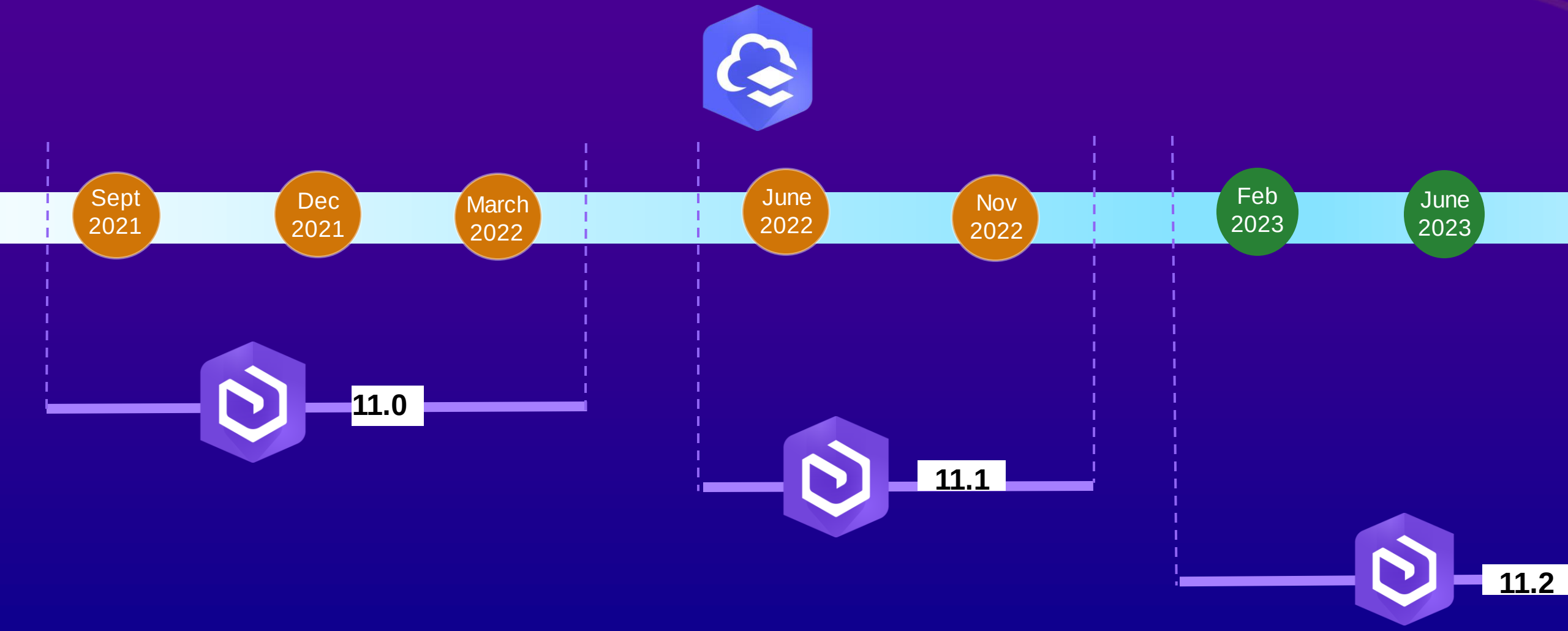
esri THE SCIENCE OF WHERE

Changes to Enterprise numbering

ArcGIS Blog: *What's in a number?*



Alignment with ArcGIS Online Releases



Significant Changes

ArcGIS Enterprise 11.x

Big changes to ArcGIS Enterprise at 11.x

- Removal of the ArcMap-based runtime
- Transition to .NET 6 from .NET framework
- Removal of classic Esri Story Maps
- Removal of ArcGIS Dashboards Classic
- Removal of Presentation for Map Viewer Classic
- Removal of many Configurable Apps

ArcMap-based runtime removal

ArcMap-based runtime was removed in ArcGIS Enterprise 11.x

Only the ArcGIS Pro service runtime is included

It is no longer possible to publish services from ArcMap

Services using the ArcMap-based runtime will not run until migrated to the Pro runtime

ArcMap-based runtime removal

ArcGIS Enterprise 11.x – Fresh install

Unable to publish services from ArcMap

Deprecated data sources will no longer work

IBM Informix | IBM Db2 for z/OS | Raster catalogs | etc.

ArcObjects SOEs and SOIs will need to be migrated to the ArcGIS Enterprise SDK

ArcMap-based runtime removal

ArcGIS Enterprise 11.x – Upgrade from 10.9.1 or earlier

Direct upgrades from ArcGIS Enterprise 10.7+ are supported

Always remember to back up ArcGIS Enterprise before upgrading

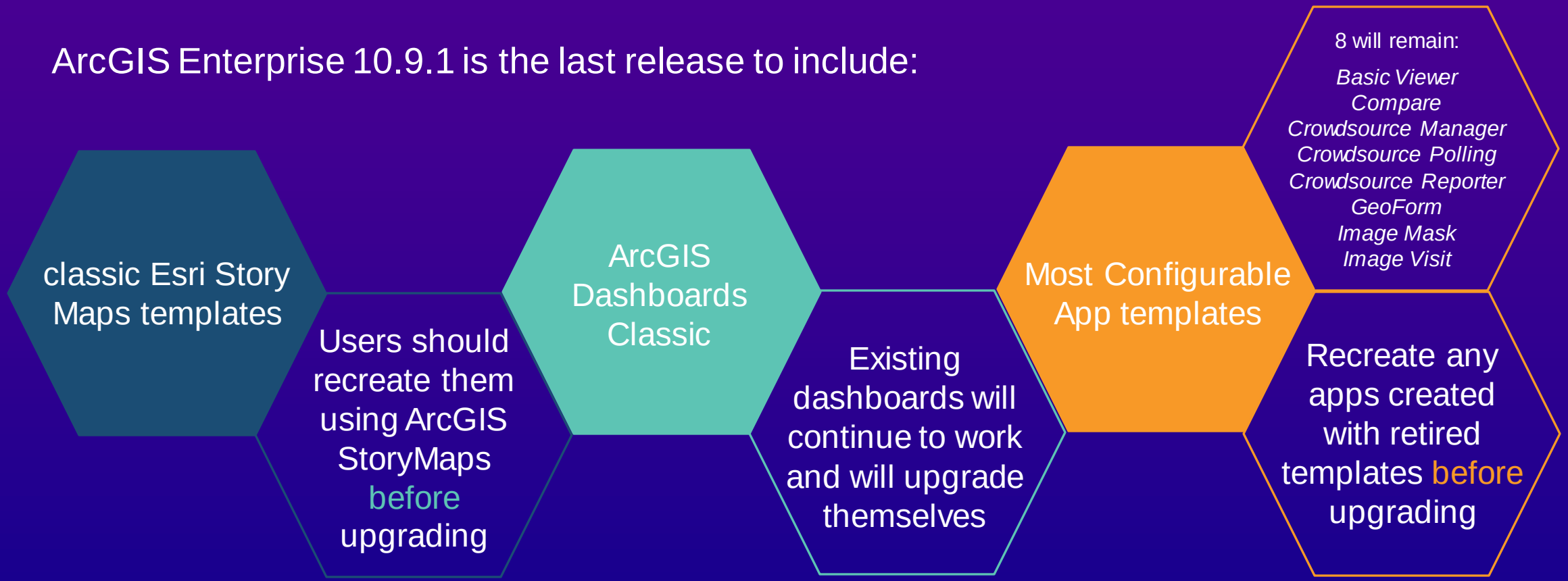
ArcGIS Enterprise will now remind you to back up

Compatible ArcMap-based services are automatically migrated to the ArcGIS Pro-based runtime during the upgrade

Non-compatible ArcMap-based services will be stopped, and unable to start, after an upgrade. These must be manually migrated.

Noteworthy template & app retirements

ArcGIS Enterprise 10.9.1 is the last release to include:



Noteworthy template & app retirements

Key takeaways

- ArcGIS Enterprise 10.9.1 includes the newer apps (ArcGIS StoryMaps, ArcGIS Dashboards, and ArcGIS Instant Apps) along with those retired at 11.x
- Users should take advantage of them being side by side in the 10.9.1 release as they prepare to upgrade their deployments to 11.x
- Dashboards will upgrade in place, but classic Story Maps and retired Configurable App templates will need to be recreated before upgrading
- At 11.x, classic Story Maps and retired Configurable App templates will be inaccessible, and their respective items marked with a Retired badge

Migration Resources

ArcGIS Enterprise 11.x

Consider ArcGIS Enterprise 10.9.1 until you're ready to turn it up to 11

ArcGIS Blog | May 2022

Migration resources

- ArcMap-based runtime removal
  - ArcGIS Blog: Removal of ArcMap-based runtime from ArcGIS Enterprise – https://www.esri.com/arcgis-blog/products/arcgis-enterprise/announcements/removal-of-arcmap-based-runtime-from-arcgis-enterprise/
  - ArcGIS Blog: Migrating services to the ArcGIS Pro-based runtime in ArcGIS Enterprise 10.9 – https://www.esri.com/arcgis-blog/products/arcgis-enterprise/announcements/migrating-services-to-the-arcgis-pro-based-runtime-in-arcgis-enterprise-10-9/
  - ArcGIS Blog: Migrating ArcObjects SOEs and SOIs to ArcGIS Enterprise SDK – https://www.esri.com/arcgis-blog/products/arcgis-enterprise/announcements/migrating-arcobjects-soes-and-sois-to-arcgis-enterprise-sdk/
  - Technical Paper: Manually migrating services from the ArcMap-based to the ArcGIS Pro-based runtime – https://www.esri.com/content/dam/esrisites/en-us/media/technical-papers/migrating-pro-based-runtime.pdf
- Transition to .NET 6
  - Technical Support Article - Deprecation: ArcGIS Enterprise SDK support for .NET Framework – https://support.esri.com/en/technical-article/000026633
  - ArcGIS Developers Help: Overview of .NET 6 support – https://developers.arcgis.com/enterprise-sdk/guide/net/net-6-support/

Migration resources

- Removal of classic Story Maps
  - ArcGIS StoryMap: Moving to ArcGIS StoryMaps – https://storymaps.arcgis.com/stories/472a6ddd582b40b58a5a6af2c30a4573
  - ArcGIS Blog: Recreating a classic story with ArcGIS StoryMaps – https://www.esri.com/arcgis-blog/products/story-maps/mapping/recreating-classic-story-maps-in-arcgis-storymaps/
- Removal of ArcGIS Dashboards Classic
  - ArcGIS Dashboards Classic is Retiring – https://www.esri.com/arcgis-blog/products/ops-dashboard/announcements/dashboards-classic-retiring/
  - Technical Support Article - Deprecation: ArcGIS Dashboards Classic (ArcGIS Online March 2022 and ArcGIS Enterprise 11.0) – https://support.esri.com/en/Technical-Article/000027289
- Removal of many ArcGIS Configurable App templates
  - Technical Support Article - Deprecation: Mature and retired configurable apps in ArcGIS Enterprise – https://support.esri.com/en/Technical-Article/00002779
  - Technical Support Article - How To: Identify deprecated Configurable Apps using a Python Script – https://support.esri.com/en/Technical-Article/000027957
- Removal of Presentation for Map Viewer Classic
  - Technical Support Article - Deprecation: Presentation for Map Viewer Classic – https://support.esri.com/en/Technical-Article/000027297
  - ArcGIS Instant Apps Help: Exhibit – https://doc.arcgis.com/en/instant-apps/11.0/create-apps/exhibit.htm

What’s New

ArcGIS Enterprise 11.2

Key enhancements at 11.2

ArcGIS Instant Apps Compass tool

ArcGIS StoryMaps briefings (beta)

ArcGIS Experience Builder accessibility updates

Mobile views for ArcGIS Enterprise sites

ArcGIS Dashboards Compass tool

ArcGIS Dashboard boards find my location tool

ArcGIS Dashboards accessibility updates

Updated Instant App templates

Mobile views for ArcGIS Dashboards

New ArcGIS Experience Builder templates

Configurable app descriptions for ArcGIS Instant apps

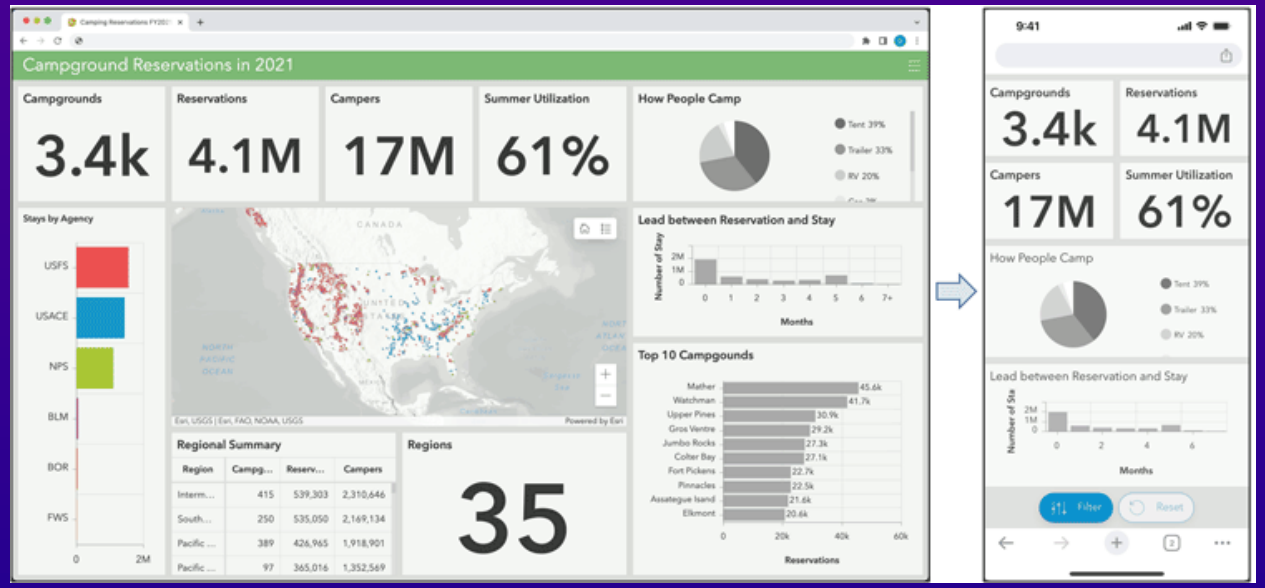
Precise access for editing ArcGIS Enterprise sites pages

Support for German Austria date/format in ArcGIS Experience Builder

ArcGIS Dashboards updates

ArcGIS Dashboards updates

- Dashboard views - You can now configure a single dashboard to have both a desktop and mobile view.
  - Each view is optimized for viewing on either a desktop or mobile devices.
  - Your mobile view of your dashboard can include the same elements as your desktop view, or new elements with different configurations.



Dashboard in desktop and mobile views.

ArcGIS Dashboards updates

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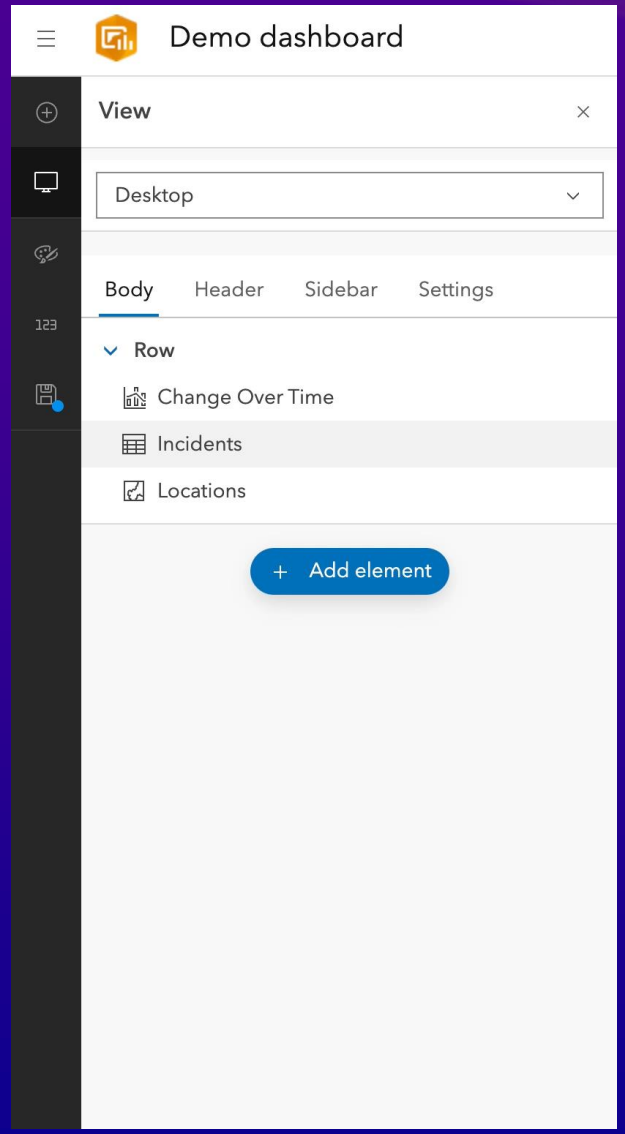
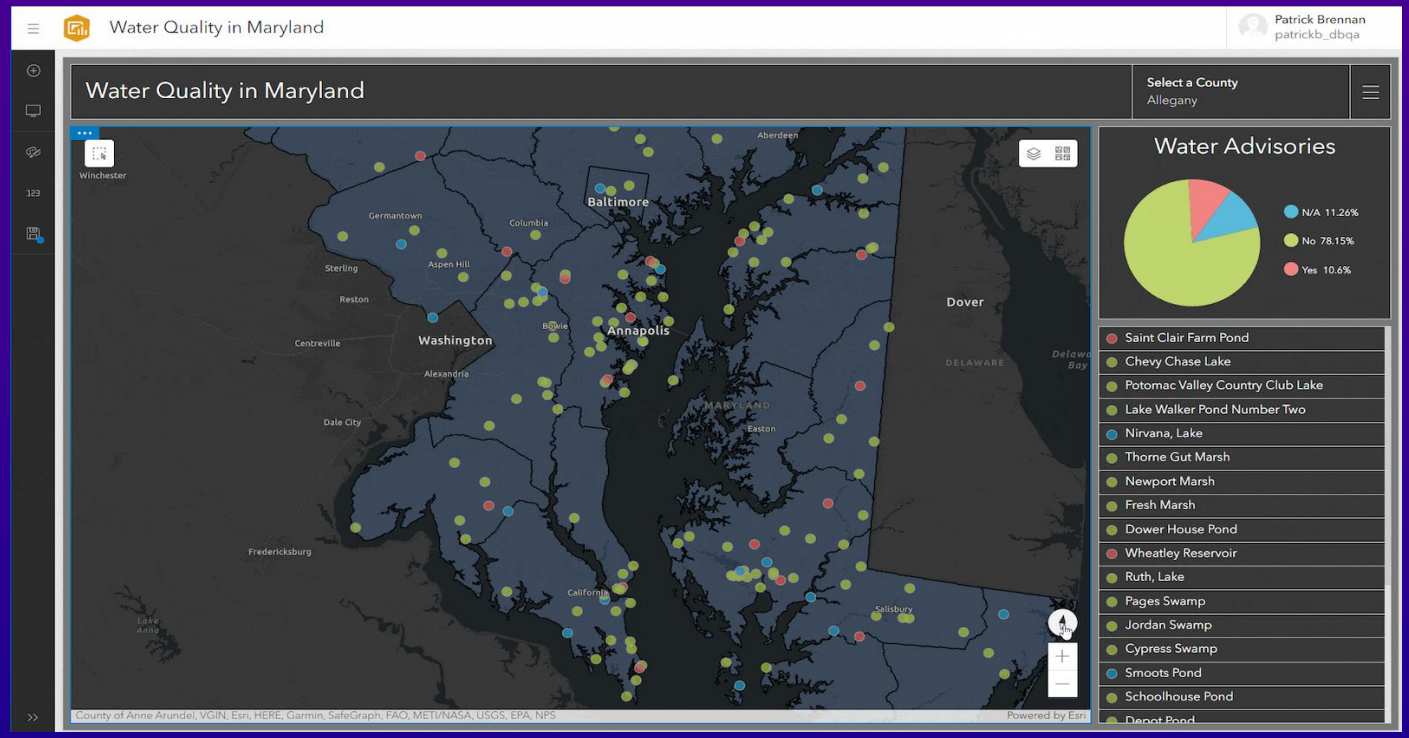


ArcGIS Dashboards updates

- Map element updates - Two new map options have been added for the map element:
  - Find my location option zooms and centers the map to the approximate location of the user's device.
  - Compass option shows the maps rotational angle and allows users to reorient the map to point north.

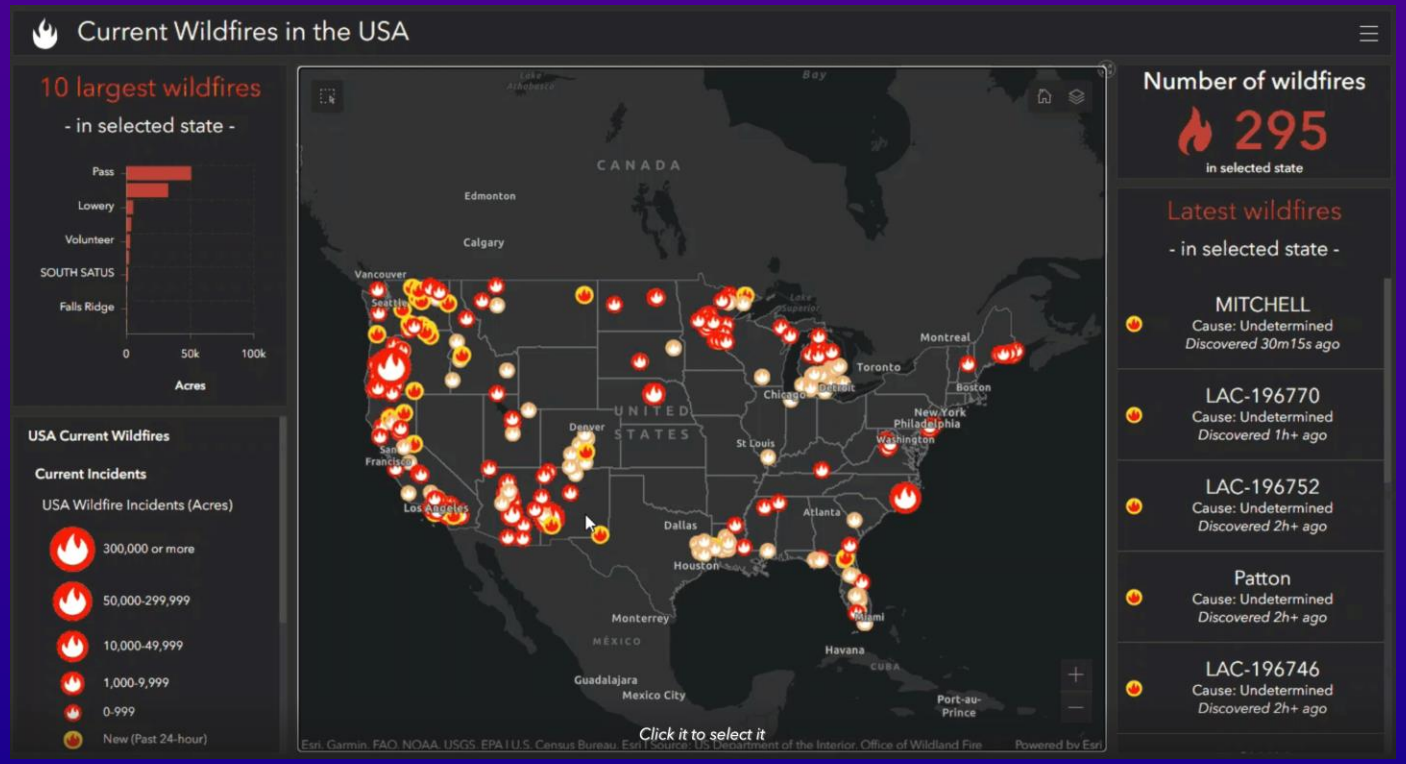


Dashboard with compass option

- Data download - Dashboard users are no longer required to sign in to download source data from an element.

ArcGIS Dashboards updates

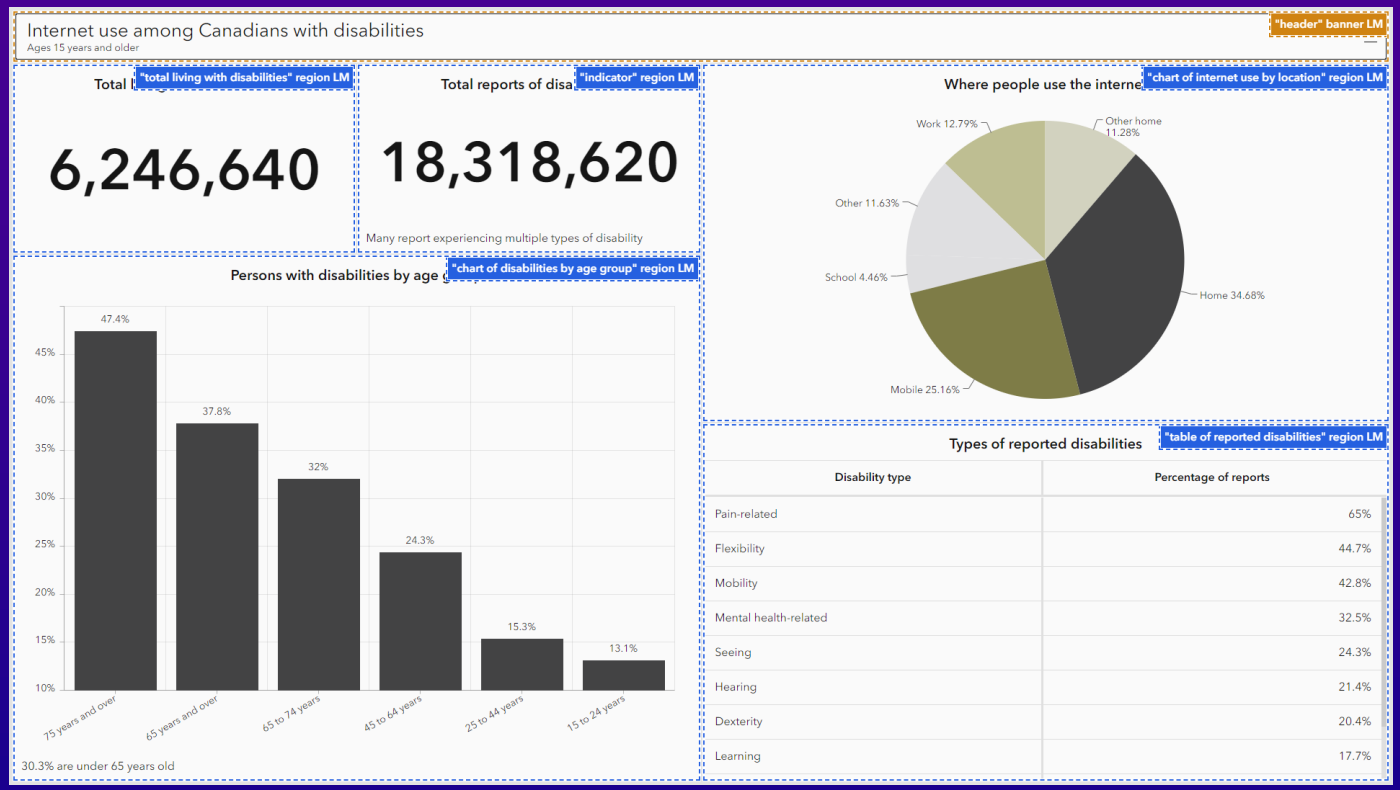
- Map selection – You can now configure layer actions to allow users to select features without the need for selection tools.



Wildfire Dashboard with showing wildfires in the selected state.

ArcGIS Dashboards updates

- Accessibility - Dashboard accessibility has been improved, including better and more consistent keyboard navigation, focus management, and improvements to screen reader support.

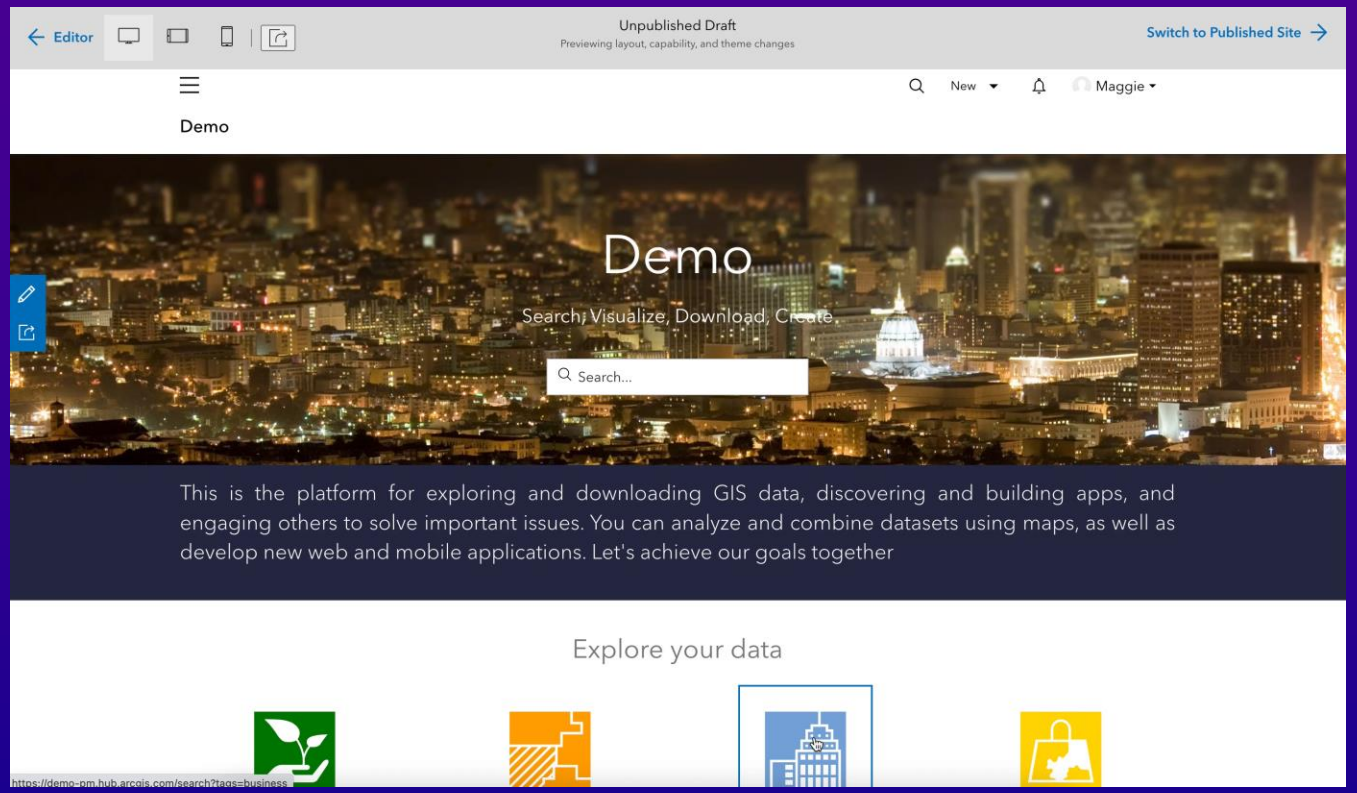


Dashboard with accessible names configured.

ArcGIS Enterprise Sites

ArcGIS Enterprise Sites updates

- Precisely granted access for editing: Site managers can now grant a user access to edit individual pages without giving them access to edit everything on the site.
- Preview for different views: Site editors can preview how site and page drafts will display on desktop, mobile, and tablet devices.

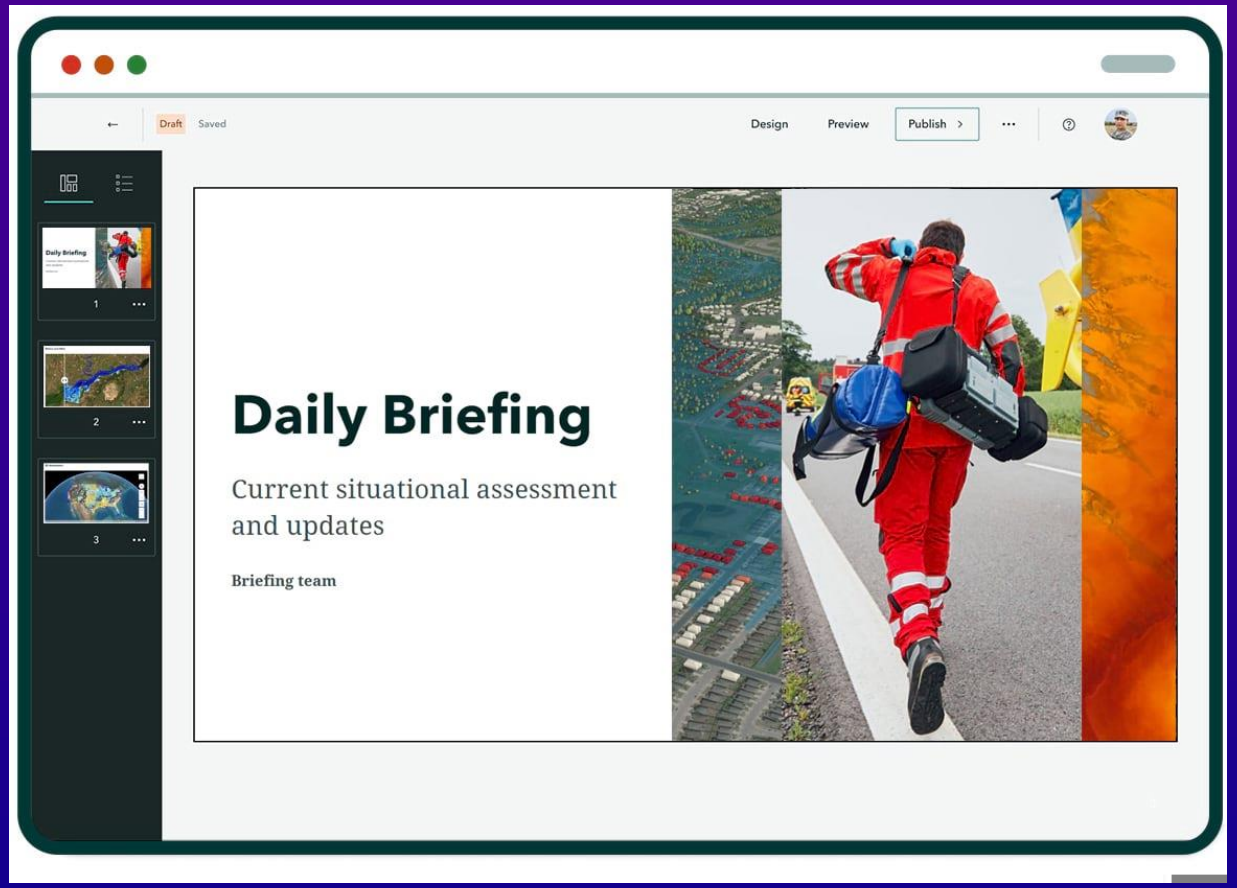


Preview site and page drafts for desktop, mobile, and tablet views.

ArcGIS StoryMaps updates

ArcGIS StoryMaps Updates

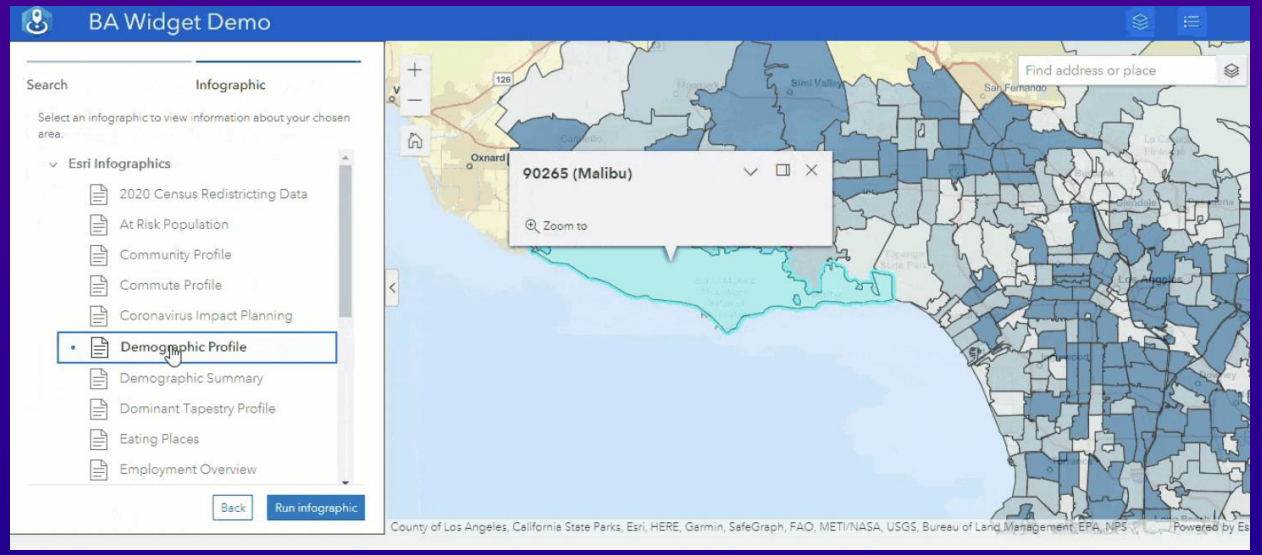
- ArcGIS StoryMaps briefings are available as a beta feature in ArcGIS Enterprise 11.2.
  - Briefings offer a slide-based output with securely integrated live maps and data from your organization.
  - Users will need to enable beta features within their ArcGIS StoryMaps organization settings.
  - Feedback and support will be managed through the ArcGIS StoryMaps Esri Community or the in-app feedback form.



ArcGIS Experience Builder updates

ArcGIS Experience Builder updates

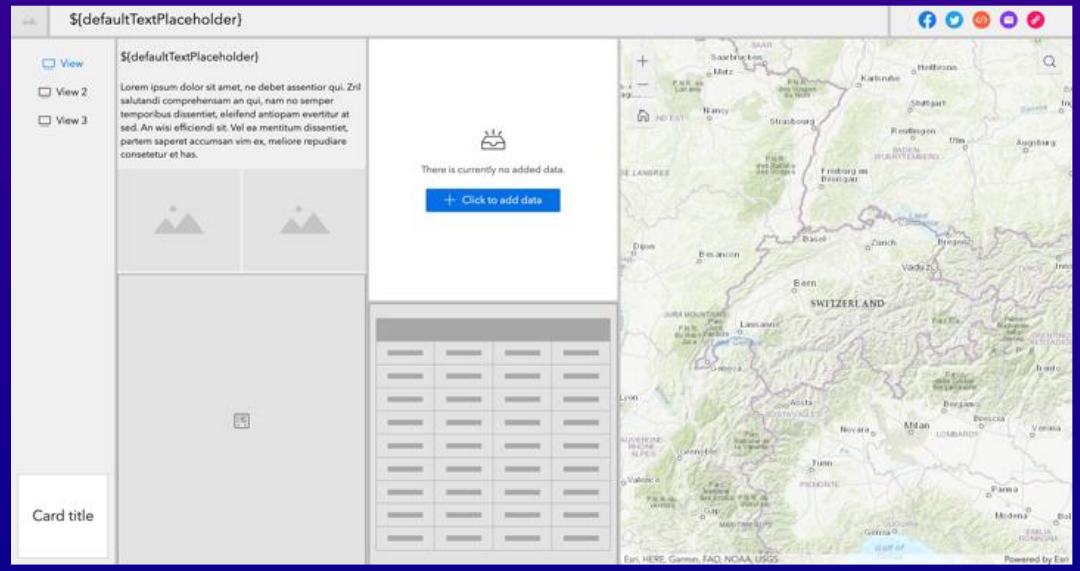
- New widgets:
  - Add Data widget: Allow users to temporarily add data sources to an app at run time. Data can be added via ArcGIS content, URL, or local storage.
  - Basemap Gallery widget: Connects to a Map widget and adds a panel for changing the map's basemap.
  - Business Analyst widget: Allow users to visualize key indicators and information about specific locations using interactive infographics made with ArcGIS Business Analyst.
  - Swipe widget: Allows you to compare different layers and maps by swiping a divider across the map.



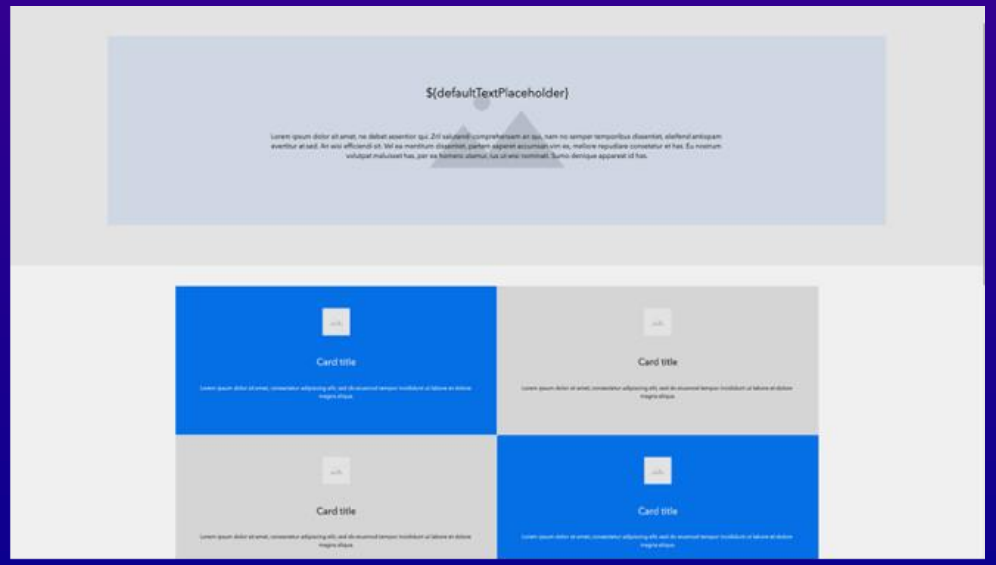
ArcGIS Experience Builder app using the Business Analyst widget.

ArcGIS Experience Builder updates

- New Templates:
  - Blank window template
  - Elevate multi-page template
  - Two new full-screen page templates: Multiverse and Frame.



Multiverse

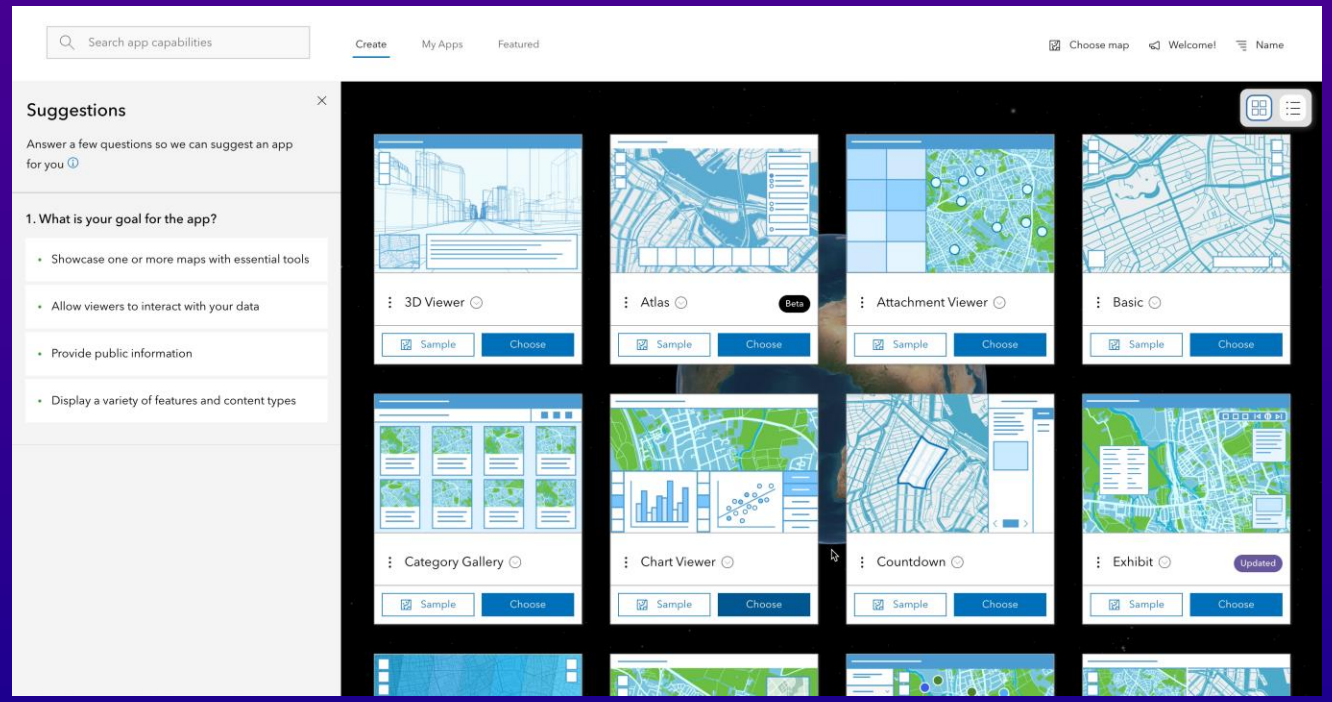


Frame

ArcGIS Instant Apps

ArcGIS Instant App updates: Home

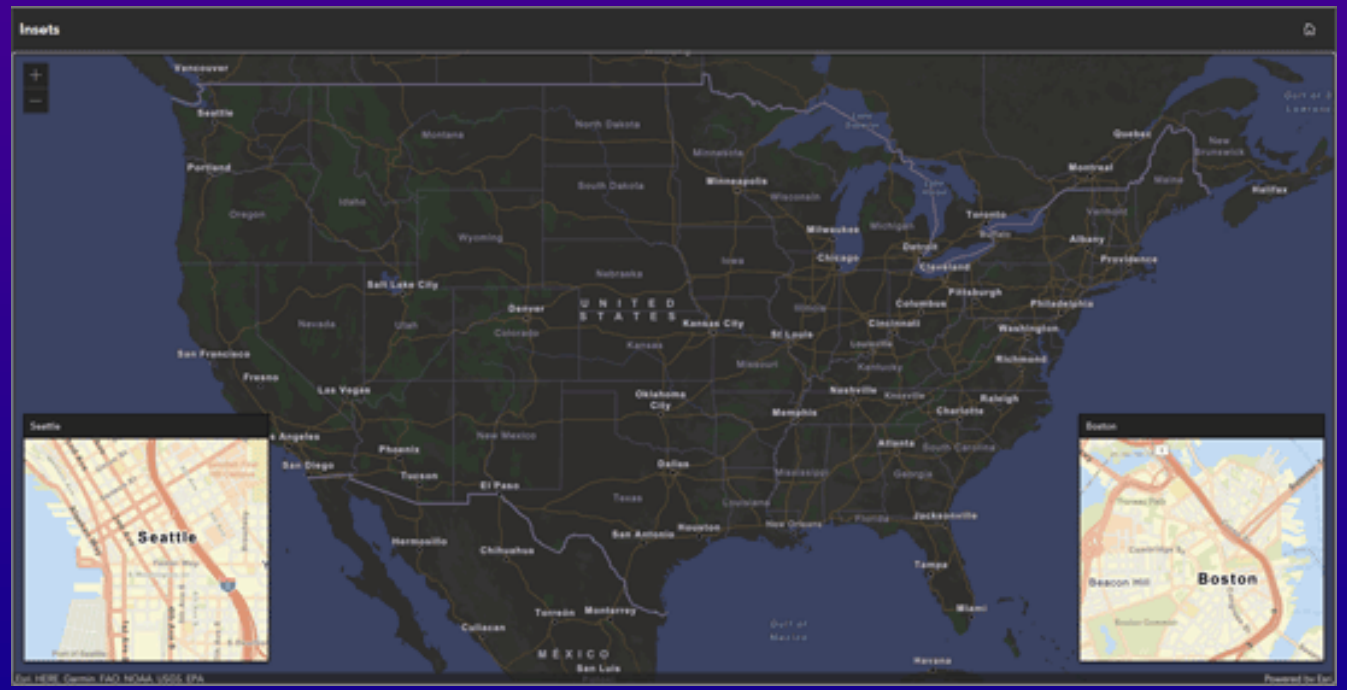
- The Create tab includes a new Details view so you can read the app description and example use cases while browsing the app templates.
- The My Apps tab now allows you to sort by owner, which is helpful when you filter by My Organization's apps.



The Details view makes it easier to find the right app for your project.

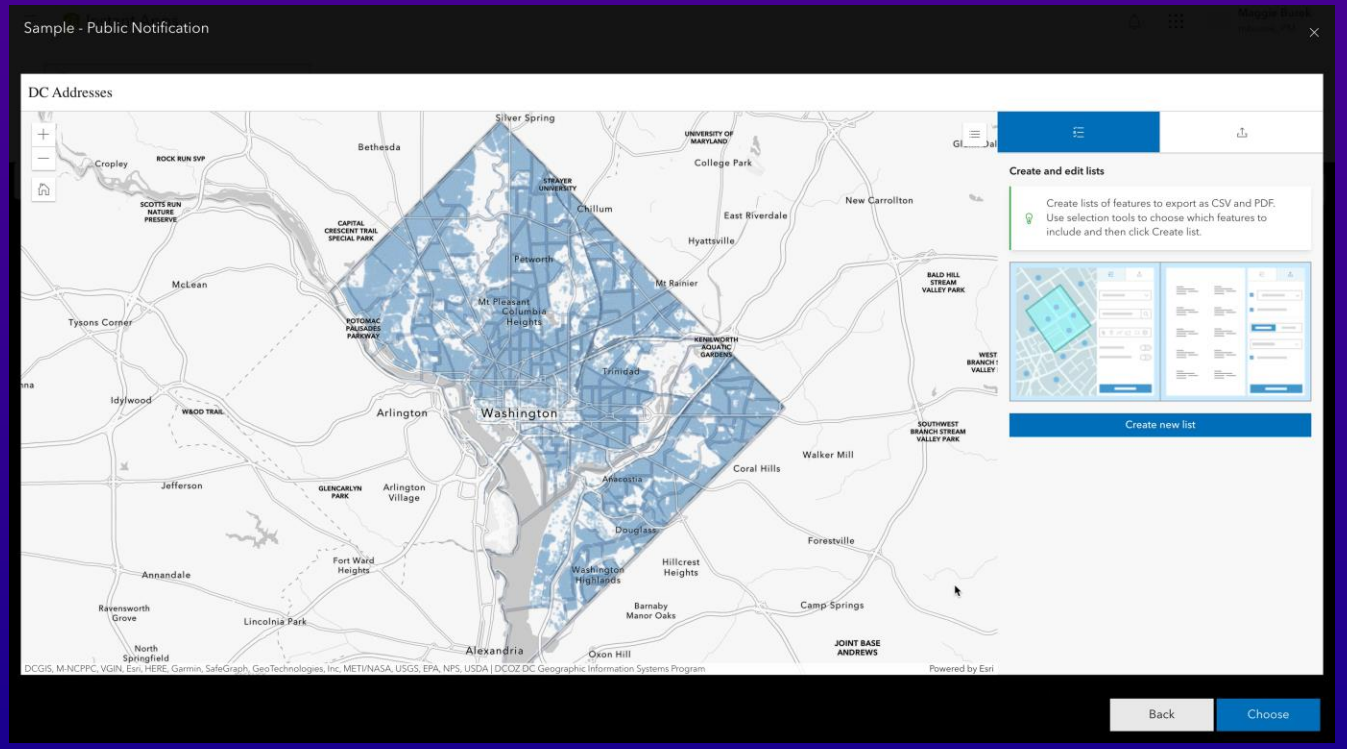
ArcGIS Instant App updates: New Templates

- Insets – Display noncontiguous geographic locations within a single app layout so users can view and interact with data from a layer in multiple locations at once.



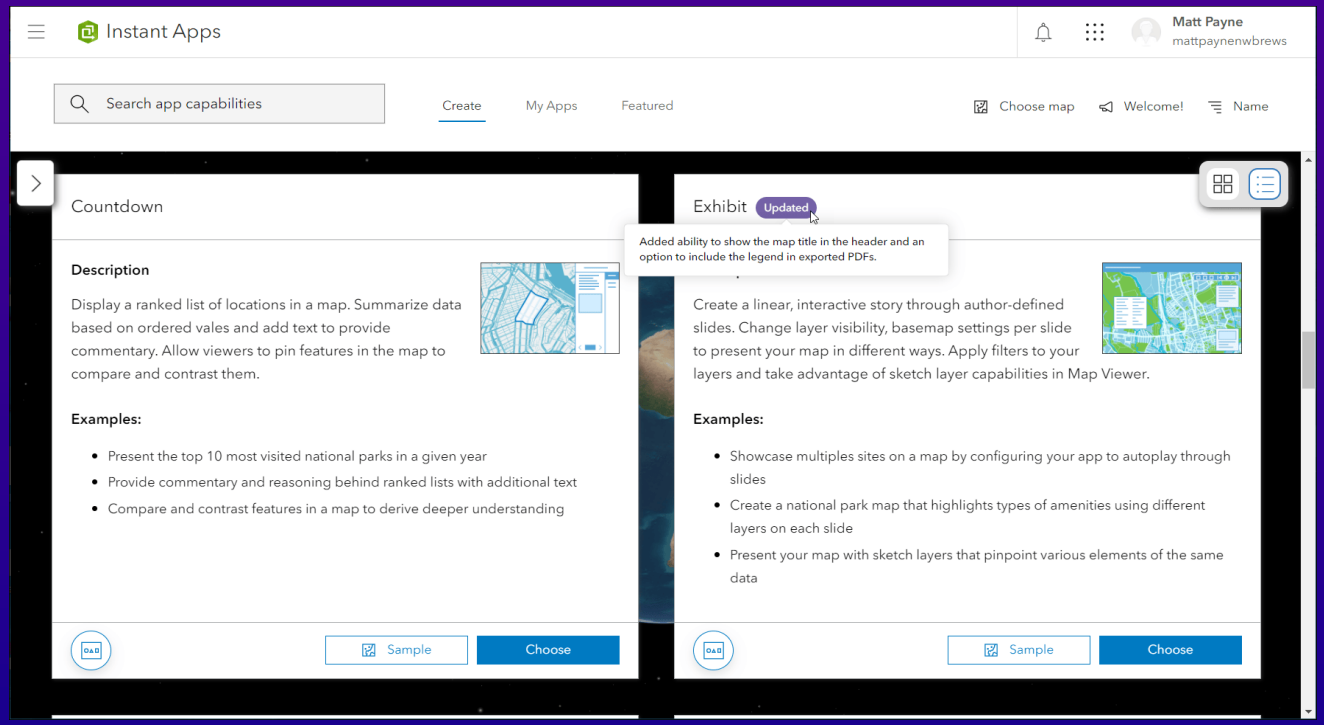
ArcGIS Instant App updates: New Templates

- Public Notifications – A new template that helps agencies streamline the process of generating public notices.



ArcGIS Instant App updates: templates and configuration

- Updates have been made to the following templates:
  - 3D Viewer
  - Exhibit
  - Imagery Viewer
  - Interactive Legend
  - Nearby
  - Sidebar
  - Slider
  - Zone Lookup
- All apps now include the Compass tool.
- The design of the Map and Scene settings panels has been improved.
- The Export to PDF setting was renamed to Export in several app templates and includes additional enhancements.



Look for the updated tag and hover to see what's new.

Where to find more details

Additional resources

- What's Coming in ArcGIS Enterprise 11.2 (doc)
- What's Coming in ArcGIS Enterprise 11.2 (PPT)
- What's New documentation pages for all apps
- What's New in ArcGIS Online (February 2023)
- What's New in ArcGIS Online (June 2023)

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