

## What's new

The June 2016 update includes enhancements to the item pages, the map viewer, the scene viewer, and throughout the site.

### Improved item pages

[Item pages](#) have been redesigned with improved workflows, performance, and layout. They also include new functionality that help you explore and work with content. For content consumers, the pages provide more ways to explore items in-depth. For content creators and administrators, the new design makes it easier to modify item properties and configure settings.

Design improvements include the following:

- A new tabbed layout that makes it easy to find, add, and edit information about an item
- More in-depth information provided for each item, with the most important information presented first
- More efficient workflows that consolidate actions such as changing layer defaults and building tiles
- Convenient, in-place editing of item descriptions and other information
- More intuitive workflow for configuring editing and edit tracking for feature layers

New functionality includes the following:

- An interactive attribute table that integrates related records and attachments, making it easy to navigate and edit feature data and view all aspects of a field together, including field values, summary statistics, and settings
- A focused experience for content creators and consumers to configure feature layer styles, pop-ups, and other layer properties without having to leave the item page to go to the map viewer
- The ability to create configurable apps from maps and scenes directly from the item pages

### Map viewer

- Several new smart mapping styles are available to help you better understand your data from a temporal perspective. Use the new [Continuous Timeline \(Color\)](#) or [Continuous Timeline \(Size\)](#) smart mapping styles to view dates sequentially on a map. For example, use color to see how the rate of measles immunizations changed in the weeks before and after the launch of a proimmunization campaign. You can also use [color](#) or [proportional symbols](#) to see the age of features—that is, the length of time from a start date to an end date—or choose two attributes, including at least one date, and use both color and proportional symbols to highlight the age of features.
- You can now [filter your data by the current date](#), for example, in the last week or over the last two months.
- It's easier to share precalculated, optimized routes with others to use in field apps such as Navigator for ArcGIS and in web and desktop apps. Create your [route](#) in the map viewer, save the route layer as an item, and share it through the item page. Your route can be modified later as needed.

### Scene viewer

- [Integrated mesh support](#)—a new layer type for UAV- or airplane-based photogrammetric 3D scans of surfaces (published by [Drone2Map for ArcGIS](#) and third-party vendors).
- Custom 3D object symbols—point layers can now be used for placing arbitrary 3D objects such as street furniture or cartographic 3D elements (published by ArcGIS Pro 1.3).
- [Performance-quality switch](#)—optimizes the user experience in Internet Explorer (more stability) as well as on high-end devices (more appealing visualizations).
- [Daylight & shadow animation](#)—new **Daylight** tool introduces sunlight and shadow animation over a day or a whole year.
- Miscellaneous improvements—[polished viewer GUI](#), enhanced UX for [ground elevation layers](#), and support in global scenes for [tile layers and basemaps in WGS84 coordinate system](#), as well as various bug fixes.

### Open standards

ArcGIS Online continues to improve its commitment to standards and interoperability with enhanced support for [Open Geospatial Consortium \(OGC\) services](#). The following functionality is now supported:

- Pop-ups can be enabled in OGC Web Map Service (WMS) layers.
- OGC Web Feature Service (WFS) layers can be added to maps and as items.
- Third-party OGC Web Map Tile Service (WMTS) services can be added as items.

## Organization administration

- Organizations have more options for managing credit budgets. In addition to managing credit budgets for specific members, they can now [set a default credit allocation for new members](#). Organizations can also manage credit budgets as part of the [invitation process](#) for automatic and preestablished accounts.
- Enterprise logins can now be [enabled for Esri access](#). This gives members using enterprise authentication access to Esri web resources for support, training, forums, downloads, email communications from Esri, and so on.
- Improved workflows for sharing content between organizations: Administrators can now make a [member's profile visible to everyone \(public\)](#) so the member can be invited to groups outside the organization, and new documentation explains how to [share items with another organization](#).
- Organizations can configure a [custom analysis layers gallery](#) to use with the analysis tools in the map viewer.
- Members can now be designated as [Marketplace purchasers](#). These members are entitled to buy apps listed on ArcGIS Marketplace through the new online Esri shopping cart.

## Analysis

- Detailed boundary layers for several dozen countries have been added to the Living Atlas analysis layers.
- When working with variables for [data enrichment](#), you can now save favorites.
- You can now perform analysis on [OGC WFS layers](#).
- Organizations can configure a [custom analysis layers gallery](#).

## Hosted web layers

- The performance of [polygon and polyline hosted feature layers can be optimized](#) by storing a generalized representation of the feature geometry at smaller scale levels. This optimization is ideal for data such as ZIP Code boundaries where exact precision may not be necessary when viewed at the state level but is necessary when viewed at larger scales, such as county level.
- Date fields now support queries that can calculate the difference in days between two dates and report features relative to the current date. These queries are also supported when [calculating fields](#).
- Hosted feature layers now offer better control of [who can make edits in crowdsourced apps](#). Layer owners and administrators can disable the ability for anonymous users to update or delete existing features in a crowdsourced app.

## Comments

- You can now reply to a comment on an item when viewing an item page in ArcGIS Online and a review in ArcGIS Marketplace.
- Item owners are notified by email when a new comment is published. Email notifications are also sent to all comment thread participants when a new comment is added to a thread.

## Workflow and design

- Croatian and Serbian are now available as [languages](#) in the website.
- To enhance the security of logins, the user name and password cannot be the same. This requirement applies to new accounts (including trials) and existing accounts that reset the password.
- The map viewer no longer supports searching in the web.
- The following tool changes have been made to the scene viewer: **Environment** has been renamed to **Daylight** and **More Tools** has been removed.
- Email notifications related to ArcGIS Online are now translated.

## ArcGIS content

- Detailed boundary layers for several dozen countries have been added to the Living Atlas and made available for display and analysis in the map viewer and other ArcGIS apps.
- [Beta](#) versions of [Esri vector basemaps](#) have been data updates for several areas, additional layers, and have addressed several known limitations.
- World Street Map, World Topographic Map, Light Gray Canvas, Dark Gray Canvas, and Reference layers have been updated with more recent data for North America.

- World Street Map has been updated to include detailed data for China with English labels, referencing authoritative map services built and maintained by the National Geomatics Center of China. Similar maps with Chinese labels are available to users in China and elsewhere.
- World Imagery has been updated to include National Agriculture Imagery Program (NAIP) 2015 1m imagery for 27 states in the continental United States, which is visible at large scales (Levels 14 through 17), as well as other community contributed imagery.
- A new Imagery map in Geographic Coordinate System (GCS) WGS84 projection is available. The imagery map includes the same imagery as the standard World Imagery map in Web Mercator, with added coverage in the polar regions. The new imagery map supports 3D display in apps such as ArcGIS Earth as well 2D display for apps that use the GCS coordinate system.
- A new World Topo Base layer ([beta](#)) has been published that can be used in 3D or 2D apps that require a detailed basemap without labels.
- The National Agriculture Imagery Program (NAIP) image services, which include multispectral and multitemporal imagery for the continental United States, have been updated to include NAIP 2015 imagery for 27 states. The NAIP image services now include NAIP 2010–2015 imagery, with two to three vintages of imagery for each state for comparison purposes.
- The demographic maps for the United States have been updated with the latest 2016 estimates and 2021 forecast data.
- Boundary layers from the Living Atlas Analysis Layers gallery are now available in the Living Atlas gallery of layers to be used for visualization.
- [Origin Destination Cost Matrix](#), a new network analysis service, is now available in [beta](#). This new service computes a table of travel distances or travel times between many known locations. It is available through the REST API, the Web AppBuilder for ArcGIS Geoprocessing widget, and the Network Analyst tools in ArcGIS Pro 1.3 and ArcMap.
- For the latest information, see the [ArcGIS Online blog](#).

## Configurable apps

- A new version of [Basic Viewer](#) is available with better support for keyboard navigation to improve web accessibility. The configuration pane also now has an option for defining alternative text for the map. This is part of an ongoing goal by Esri to design and implement GIS products and technologies that everyone can access and use and that align with the objectives of [Section 508](#).
- A new version of [Time Aware](#) is available with better options for date and time formatting and a new option for displaying the last 24 hours.
- [3D Data Visualization](#) includes new visualization options for pulsing points and animating point extrusions and polygon extrusions.
- A new Story Map Cascade app ([beta](#)) allows you to create immersive, full-screen, scrolling stories using your narrative text, maps, scenes, images, and videos. The app is available on the [Esri Story Maps](#) website.
- A new Story Map Crowdsourcing app ([beta](#)) allows you to publish and manage a crowdsourcing project to which anyone can contribute photos with captions. The app is available on the [Esri Story Maps](#) website.
- Crowdsourcing Manager has been enhanced with new options for enabling attribute and time filters that have been set on the map, displaying noneditable layers in addition to editable layers, viewing and editing related records, and batch updating feature attributes.
- Selecting maps and scenes within the configuration pane has an improved experience.
- The old versions of Basic Viewer and Time Aware have been [retired](#). Existing apps will continue to work with the old functionality. To take advantage of the new functionality, re-create your apps using the new version.

## Web AppBuilder for ArcGIS

The following new widgets and enhancements are available:

- Add Color Picker style in themes so you can choose your own color or match your agency's approved color palette.
- Select widget enables other widgets to take an action on the selected features.
- Share widget enables a social sharing experience of apps.
- Add Data widget enables end users to search for layers in ArcGIS Online and enter URLs to add data to the map.
- The existing Query widget adds spatial relationships, such as intersect, overlap, and contain, so you can perform the query against features in another layer. The result can be exported as a CSV, GeoJSON, or feature collection.
- Filter widget enables you to filter features. Other widgets, if applicable, will read and listen to it accordingly.

- Smart Editor widget extends the core editing widget such as smart attributes, presetting field values, records validation, and viewing pop-ups during an edit session.
- Oblique Viewer widget displays images in their native coordinate system using the image's coordinate system. This allows you to pan in the oblique mode, in a single viewing angle, or switch angles to view an area of interest from different angles.
- The existing 3DFx widget has been enhanced to include more effects for 3D animation.
- The new Group Filter widget allows you to create groupings of layers to apply a value filter to. You have the option of saving and reloading your defined groupings so you can come back anytime and resume your work.
- For more information, see the [Web AppBuilder for ArcGIS help](#).

## Collector for ArcGIS

The next update of Collector for ArcGIS will include the following enhancements:

- New Location Provider and Correction Profile settings in support of high-accuracy GPS data collection.
- Improved display of location and its accuracy.
- Attach GPS accuracy to the features you collect and update.
- Various bug fixes and improvements.
- For more information, see the [Collector for ArcGIS help](#).

## ArcGIS Marketplace

- Some Esri apps, such as Navigator for ArcGIS, are now available for designated purchasers to buy online through a new Esri shopping cart.
- Reviews have new capabilities for replying and receiving email notifications.
- Email notifications are now translated.
- For more information, see the [ArcGIS Marketplace help](#).

## Survey123 for ArcGIS

The upcoming release of [Survey123 for ArcGIS](#) will be available for all organizations to use. It will no longer be in beta. Survey123 for ArcGIS is an intuitive, form-based solution for creating surveys, collecting data, and analyzing the results. Use the mobile app to download forms and capture data while in the field. Use the website to create and publish surveys and view the results. Survey123 for ArcGIS can be used in combination with other field apps such as Workforce for ArcGIS, Navigator for ArcGIS, and Operations Dashboard for ArcGIS to optimize planning, coordination, monitoring, and execution of field operations.

## Workforce for ArcGIS

The upcoming release of [Workforce for ArcGIS](#) will be available for all organizations to use. It will no longer be in beta. Workforce for ArcGIS can be used with other apps, such as Navigator for ArcGIS, Collector for ArcGIS, and Survey123 for ArcGIS, to get to the location of assignments and use either a mapcentric or formcentric approach to collecting data in the field. Mobile workers receive and complete work that is assigned to them and can collaborate as a team in the field. Dispatchers create and assign work to mobile workers directly inside of ArcGIS Online and GIS administrators can create projects that include the type of work that needs to be completed, the mobile workers that will be assigned the work, and configure the apps that will be used to complete the work.

## Drone2Map for ArcGIS

The upcoming release of [Drone2Map for ArcGIS](#) will be available for all organizations to try or purchase. It will no longer be in beta. Drone2Map for ArcGIS streamlines the creation of professional imagery products from drone-captured still imagery for visualization and analysis in ArcGIS.

## ArcGIS Maps for Adobe Creative Cloud (Beta)

In the upcoming [beta](#) release, [ArcGIS Maps for Adobe Creative Cloud](#) will be available for all organizations to use. This new ArcGIS app enables design and communications professionals to access thousands of data-driven maps inside the Adobe design apps. Download street, political, and physical features, man-made and natural event layers, satellite images, and many more maps, directly into Adobe Illustrator or Photoshop as editable vector layer or high-resolution images. Collaborate with the GIS department on map assets, saving valuable time usually spent going back and forth. Make maps that stand out with your branding and update with the latest information.