

What's new

The September 2017 minor update includes support for point clustering and other improvements throughout the site.

Map Viewer

- If your map has a layer with a large number of points, you can now [configure clustering](#) to make it easier to visually extract meaningful information from your data. When you enable clustering, Map Viewer groups point features that are within a certain distance of one another on screen into one symbol.
- When [adding an image to your pop-ups](#), you now have the option of setting a refresh interval. This option allows the pop-up to refresh and display a frequently updated image at a specific interval (in minutes). For example, you could use this option to refresh images captured by a traffic camera.
- New symbol sets are available for emergency management, local government, and state government industries.

Scene Viewer

- You can now [stylize point cloud layers](#) directly in Scene Viewer with smart mapping. Visualize your layer by elevation, intensity, class codes, or true color based on your point cloud data attributes.
- Adjust the vertical placement of your building (3D object), integrated mesh, and point cloud scene layers above the ground using the [new elevation offset option](#).
- Use Scene Viewer to create accurate 3D data mashups. Leverage support for vertical coordinate systems (VCS) and vertical units with scene or imagery layers that have precise vertical measurements.
- Scene Viewer now supports OGC Web Map Service (WMS) layers. View the legend and configure pop-ups to further explore your data. You can [add a WMS layer](#) from My Content or from the Gallery, save it in a scene, and share it with others.
- For more information, see the [What's new in Scene Viewer](#) blog.

Geocoding and geosearch

Organizations interested in optimizing geocoding and search results for addresses and places of interest can now create a new view of Esri World Geocoding Service to search only for specific types of locations within an area of interest. For example, you might [create a locator view](#) to limit search results to particular areas, or to enforce a specific level of precision when members perform batch geocoding of addresses.

Coordinate reference systems

Military Grid Reference System (MGRS) and United States National Grid (USNG) are now supported coordinate reference systems for publishing CSV files or Excel files as [hosted feature layers](#). There is no credit cost for publishing with MGRS or USNG. There is a minimal cost for storing the published hosted feature layers. You can also now [add CSV files to Map Viewer](#) that use MGRS or USNG coordinates.

Accounts

- [Profiles](#) now include a pop-up with information about the role you've been assigned.
- Romanian [language](#) is no longer supported in the help.

ArcGIS content

- [Esri vector basemaps](#) have been updated with the latest commercial data for North America, South America, and Europe. In addition, the vector basemaps have been updated with detailed, local data for dozens of communities in the United States, Canada, and elsewhere.
- The World Imagery basemap has been updated with additional sets of DigitalGlobe and [Community Maps](#) imagery for several countries, including Afghanistan, Germany, and Spain. Several dozen metropolitan areas in other countries have been updated with submeter resolution imagery.
- For the latest information, see the [ArcGIS Online blog](#).

Configurable apps

- [Story Map Journal](#) has enhanced [keyboard navigation](#) to improve accessibility and to follow WCAG 2.0 web content accessibility guidelines.
- [Crowdsourcing Reporter](#) now supports setting a comment period in which users can submit new reports, comments, or votes.

- [Map Styler](#) and [Scene Styler](#) are no longer in beta.
- [Public Gallery](#) is now in **mature status**. As an alternative, consider using [Maps and Apps Gallery](#) or [Minimal Gallery \(beta\)](#).
- For the latest information, see [Story Maps blog posts](#) and [configurable apps blog posts](#).

Web AppBuilder for ArcGIS

The following widgets have been enhanced:

- Infographic now supports using a layer's symbology as chart colors when applicable; parsing a date field as a category field into selected units including year, month, day, hour, minute, and second; and sorting charts by value and label. Options were added to specify the maximum categories to display and determine whether or not to ignore null values.
- Bookmark has new configuration options to display bookmarks in cards and list views, reorder bookmarks, and control whether or not end users can add bookmarks. Bookmarks predefined during configuration can no longer be removed at runtime.
- Smart Editor has new options to show a list of valid drawing options for the selected template and to display the preset value list above the template picker. It also supports feature action so you can open it from the pop-up once it's been configured in the app.
- Filter has a new option to collapse filters with an **Ask for values** check box when the widget first opens.
- For more information, see [What's new in Web AppBuilder for ArcGIS](#).

Apps for the field

Apps for the field have made numerous enhancements since the previous ArcGIS Online update including the following:

- Explorer for ArcGIS has moved into the field by adding functionality to make it easier to replace your paper maps. Use maps online or download maps packaged for offline use, mark up your map and share your sketches with your organization, and get directions or use the compass to find your assets. It supports more responsive vector basemaps, maps created with smart mapping, related records, and Arcade labels. A new, simplified experience for discovering maps in your organization gets you to the maps you need. These new features are available on iOS and in beta on Android. For more information, see [What's new in Explorer for ArcGIS](#).
- Navigator for ArcGIS can now display a stop list opened from a [route layer item page](#).
- Operations Dashboard for ArcGIS has refreshed the functionality provided by dashboard items (beta). You can now author and share dashboard items from within a web browser. Dashboard items support the most modern aspects of the ArcGIS platform (including smart mapping, vector tile basemaps, and Arcade expressions) and feature a powerful new layout system and charting engine. For more information, see [the beta release blog post](#). To learn more about dashboard items, and to share your experience with them, join [the beta program](#) through the Early Adopter Community.
- Survey123 for ArcGIS has had an incremental release since the last ArcGIS Online update. Audio recordings are now supported in the field app, and image questions support drawing or annotating on a full-screen canvas. Editing workflows support forms with repeated sections. Using the Survey123 website, you can author a print template and print individual survey results. Survey results can be exported in Microsoft Excel and KML formats. Developers get the Survey123 field app and Survey123 Connect source code with AppStudio for ArcGIS. For more information, see [What's new in Survey123 for ArcGIS](#).

Apps for the office

Several apps for the office have been updated. Here are some highlights:

- ArcGIS Maps for Power BI is updated on a regular basis to provide new features, improved speed and performance, better usability, and bug fixes. The latest update allows you to choose between an exact-match and a closest-match location search when mapping boundaries. For more information, see the [ArcGIS Maps for Power BI help](#).
- Esri Maps for SharePoint has been rebranded as ArcGIS Maps for SharePoint. This update adds support for Microsoft SharePoint 2016, and the online version is now available as a single app that contains both the ArcGIS Maps app and the ArcGIS Maps Locate workflow. An enhanced security solution now allows SharePoint administrators to choose how to securely store ArcGIS credentials. This update supports ArcGIS Enterprise 10.5 and includes several user experience enhancements. For more information, see the [ArcGIS Maps for SharePoint help](#).
- Esri Maps for IBM Cognos has moved to mature status [\[PDF\]](#) and is no longer available for download. If you have already downloaded Esri Maps for IBM Cognos, you can continue to use it. Read more about its product life cycle [support status](#).
- Esri Maps for MicroStrategy has moved to mature status [\[PDF\]](#) and is no longer available for download. If you have already downloaded Esri Maps for MicroStrategy, you can continue to use it. Read more about its product life cycle [support status](#).
- ArcGIS Earth now supports 3D models and local rasters. Using the ArcGIS Earth Automation API, you can control camera navigation and fly animations, control data operations, and take view snapshots. This update enhances the capability to batch

geocode content in ArcGIS Online and provides a smoother editing and configuration experience on CSV layers and drawing elements. As an administrator, you can now organize startup layers into groups, and turn off calls to ArcGIS Online for secure environments from the application configuration file. For more information, see the ArcGIS Earth [help](#).