WebEOC® ArcGIS® Extension
Product Announcement

Version 2.0.0

This announcement describes changes made to the *WebEOC ArcGIS Extension* plugin. If you have questions about changes not covered in this document, more information is available on the WebEOC [Client Hub](#) or by contacting your Client Services Manager.

Note: ArcGIS Extension 2.0 *requires WebEOC version 8.2.0.4+.*
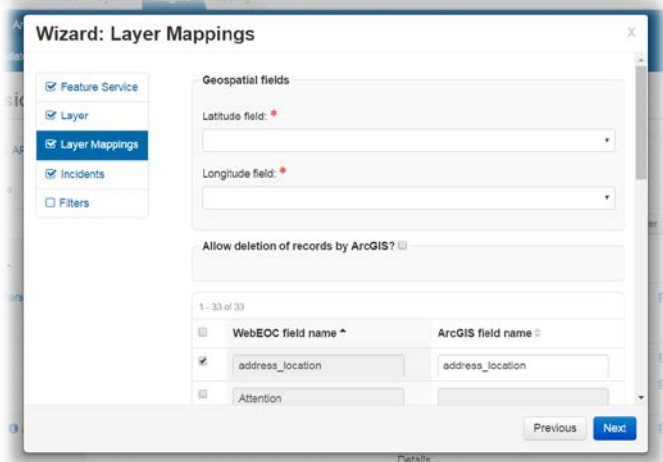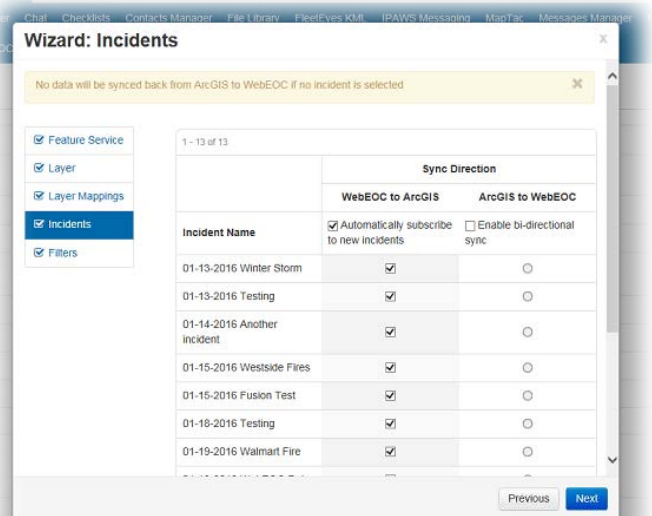
Enhancements

New Bi-directional Data Synchronization

Not only can WebEOC push data to ArcGIS, but ArcGIS can also push data to WebEOC. This new bi-directional synchronization capability allows information for a particular incident to automatically update in WebEOC if edits to records are made in ArcGIS. New records can be created in ArcGIS and seamlessly synced back to WebEOC, improving interoperability between teams working exclusively with WebEOC or ArcGIS during the activation.

Enabling this function occurs during Feature Service configuration. When creating the connection, from the *Wizard: Incidents* page, select the **Enable bi-directional sync** check box. From there, select the incident you want to be updated in WebEOC if records are created in ArcGIS.
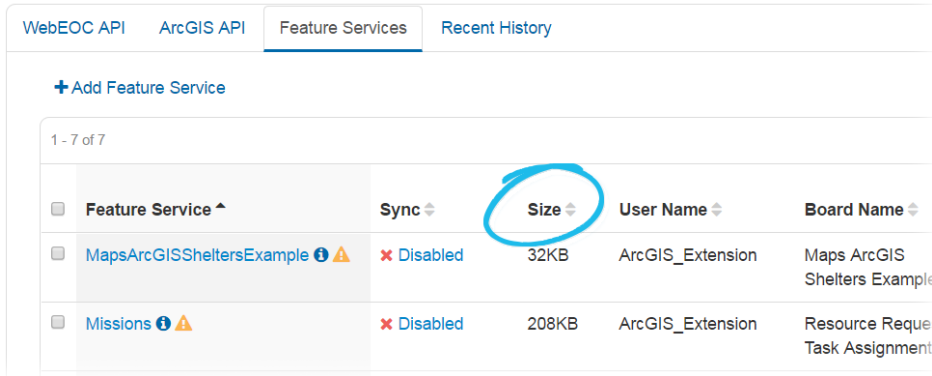
Once enabled, you can further configure what happens with the records in WebEOC when they are deleted in ArcGIS.

On the *Wizard: Layer Mappings* page, you can configure fields and values to hide deleted records and keep consistent the records visible between both ArcGIS and WebEOC.

Enhanced Data Consistency and Size Tracking

ArcGIS Extension has improved its data consistency algorithm to help proactively prevent an overuse of storage data by Feature Services. A new **Size** column, included in the table found in the **Feature Services** tab, provides transparency into the size of a given Feature Service. In this way, you can more readily track data storage usage and take action when such data usage becomes too great.

Introduced ArcGIS User Permissions Validation

When adding or updating credentials, ArcGIS user permissions are automatically validated to ensure authentication and the required level of authorization.

Improved Syncing

The latest version of the extension introduces sync statistics, showing the number of records synced with ArcGIS for each Feature Service.

Additionally, data synchronization for multiple Feature Services now run in parallel, which drastically increases sync performance for systems with a large number of configured Feature Services or significant amounts of data.

Upgraded Logging Capabilities

Improved adapter logging helps troubleshoot possible issues with the data synchronization process.

Included Support for Latest ArcGIS Versions

ArcGIS Server 10.5+ and the latest version of ArcGIS Online are supported with the new *ArcGIS Extension 2.0.0* release.

Aligned User Interface with WebEOC 8.0+

The look and feel of the *ArcGIS Extension* has been updated to align with the user interface seen in WebEOC 8.0+. In this way, the add-on integrates with WebEOC not only in function, but also in appearance.

Enhanced Internationalization

ArcGIS Extension can now be easily translated to any language using the same approach as seen in the core WebEOC solution.

The add-on comes with an English (US) language pack.

Resolutions

Resolved Error when Re-saving Credentials

After the first time you save credentials, password integrity is maintained during subsequent saves even when you do not modify the password.

Fixed Issues Related to Date/Time Elements

The issues related to date/time comparison, precision, time zones, and formatting have been fixed.