

What's new in ArcGIS Enterprise

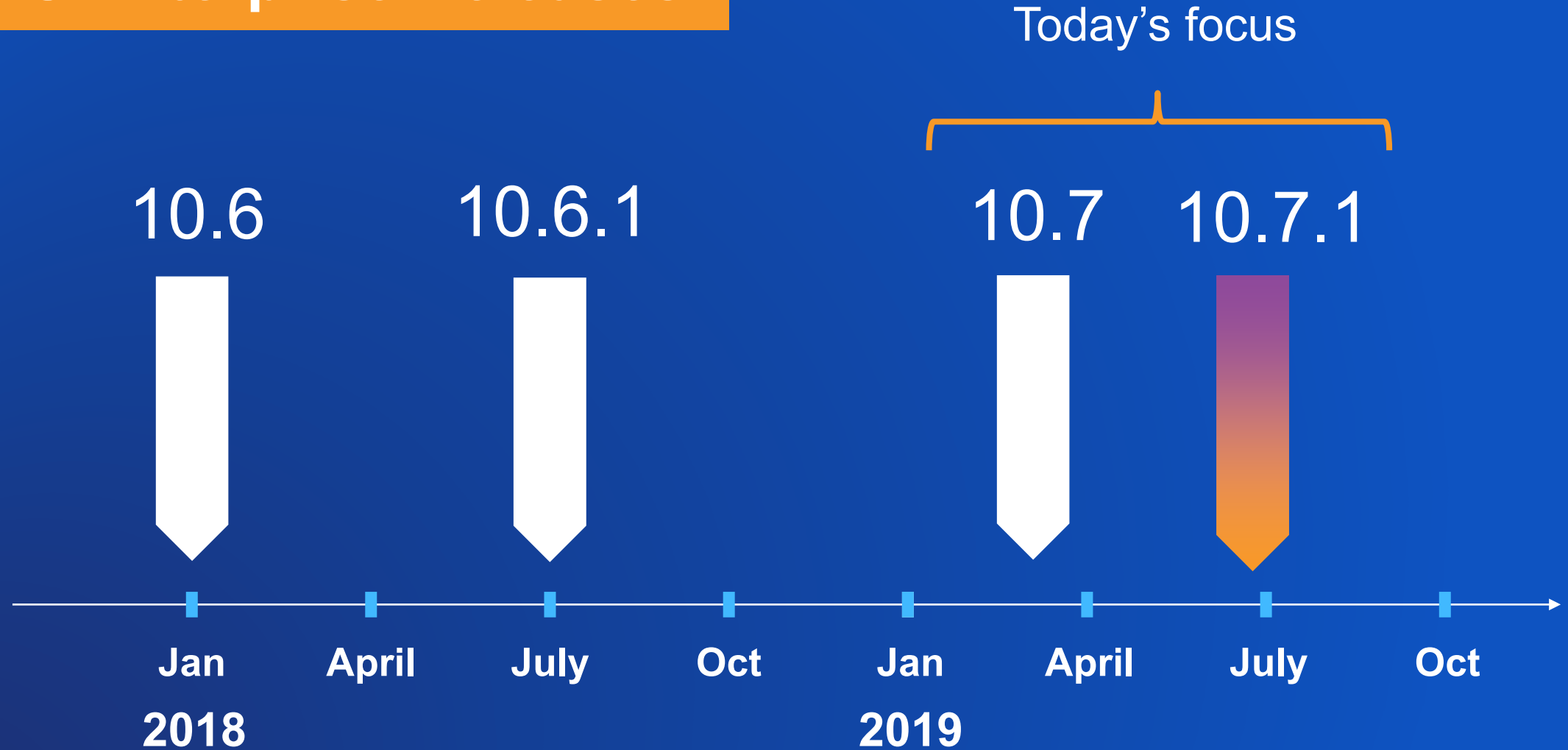
Matthias Schenker

Gerhard Trichtl

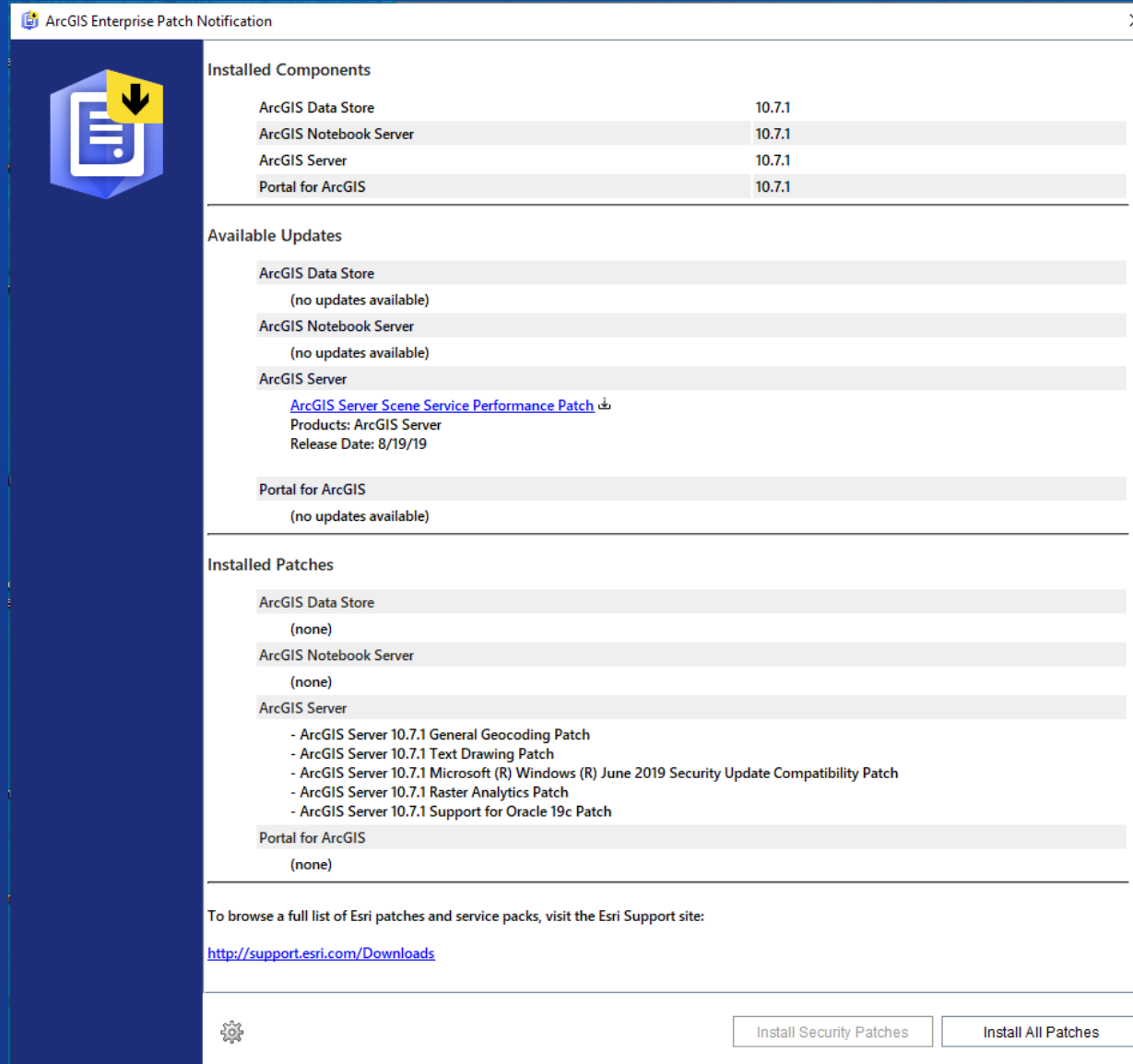
ESRI EUROPEAN DEVELOPER SUMMIT



ArcGIS Enterprise Releases



Things to consider – ArcGIS Enterprise Update Checker



ArcGIS Enterprise Patch Notification

Installed Components

ArcGIS Data Store	10.7.1
ArcGIS Notebook Server	10.7.1
ArcGIS Server	10.7.1
Portal for ArcGIS	10.7.1

Available Updates

ArcGIS Data Store
(no updates available)

ArcGIS Notebook Server
(no updates available)

ArcGIS Server
[ArcGIS Server Scene Service Performance Patch](#)
Products: ArcGIS Server
Release Date: 8/19/19

Portal for ArcGIS
(no updates available)

Installed Patches

ArcGIS Data Store
(none)

ArcGIS Notebook Server
(none)

ArcGIS Server

- ArcGIS Server 10.7.1 General Geocoding Patch
- ArcGIS Server 10.7.1 Text Drawing Patch
- ArcGIS Server 10.7.1 Microsoft (R) Windows (R) June 2019 Security Update Compatibility Patch
- ArcGIS Server 10.7.1 Raster Analytics Patch
- ArcGIS Server 10.7.1 Support for Oracle 19c Patch

Portal for ArcGIS
(none)

To browse a full list of Esri patches and service packs, visit the Esri Support site:
<http://support.esri.com/Downloads>

Install Security Patches Install All Patches

Things to consider - Updated product lifecycle

- **Starting with 10.7, ArcGIS Enterprise releases will be either:**
 - **Short term support: 3 years of support including 1.5 years of patches [10.7]**
 - **Long term support: 6 of support including 4 years of patches [10.7.1]**
- **All previous versions will remain long term support**
- When planning your upgrades, take these into consideration
 - Are you updating frequently (every year or two?)
 - Or do you need to choose a version and stay there for a longer time period?



Things to consider - HTTPS and TLS

- 10.7+ enforces the use of HTTPS and TLS (Transport Layer Security) version 1.2
- On April 16, ArcGIS Online switched to only supporting TLS 1.2
- ArcGIS Online will switch to HTTPS only in 2020



What's new:



Mapping
Analysis
Administration
Data
Publishing
New apps & products

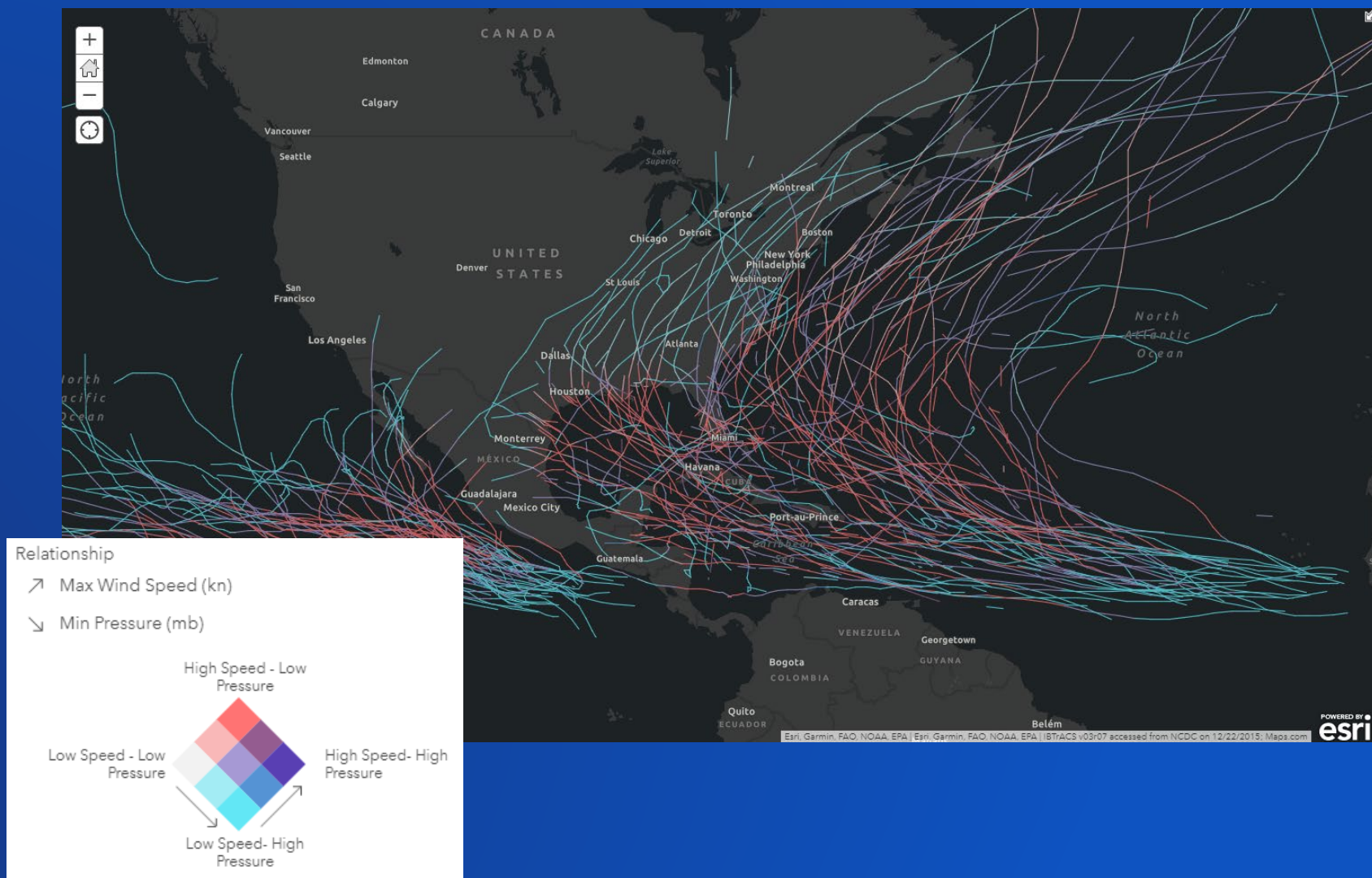
Mapping

Key enhancements: making it easier to understand patterns in larger datasets and relationships within datasets using out of the box tools.

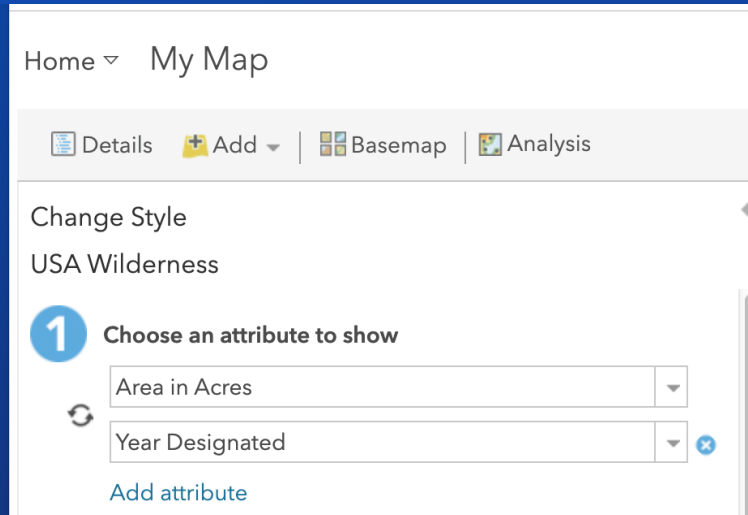
Relationship style

Understand relationships in your data

- Compare two numerical values within the same dataset
- Use color variation to see where they are and aren't related
- Easily configurable in your web maps in the Enterprise portal

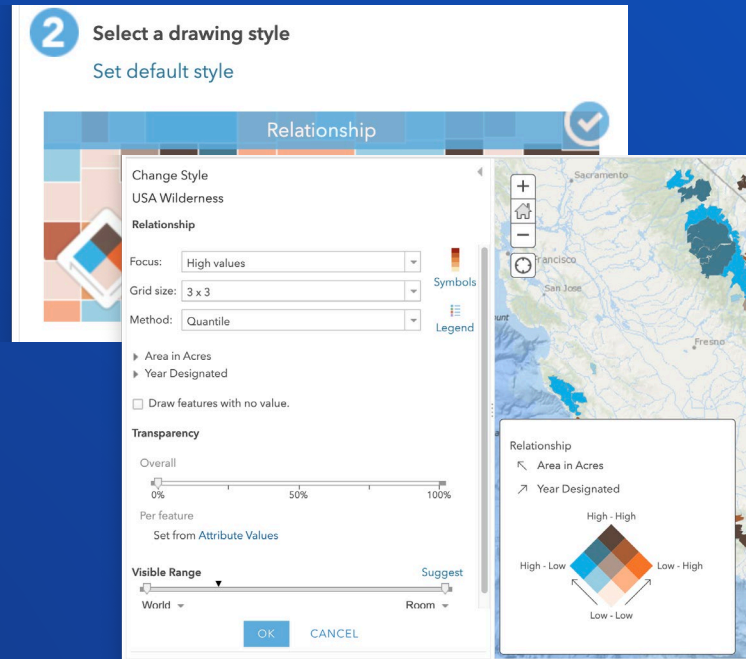


How to: Relationship styles



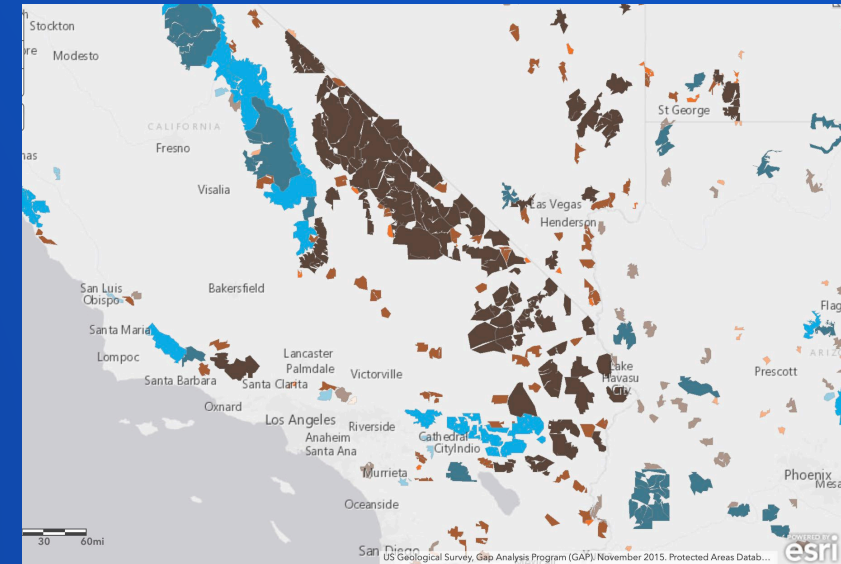
1

- Add a layer to your web map
- Select two numerical values



2

- Select relationship style
- Change symbology and legend as needed



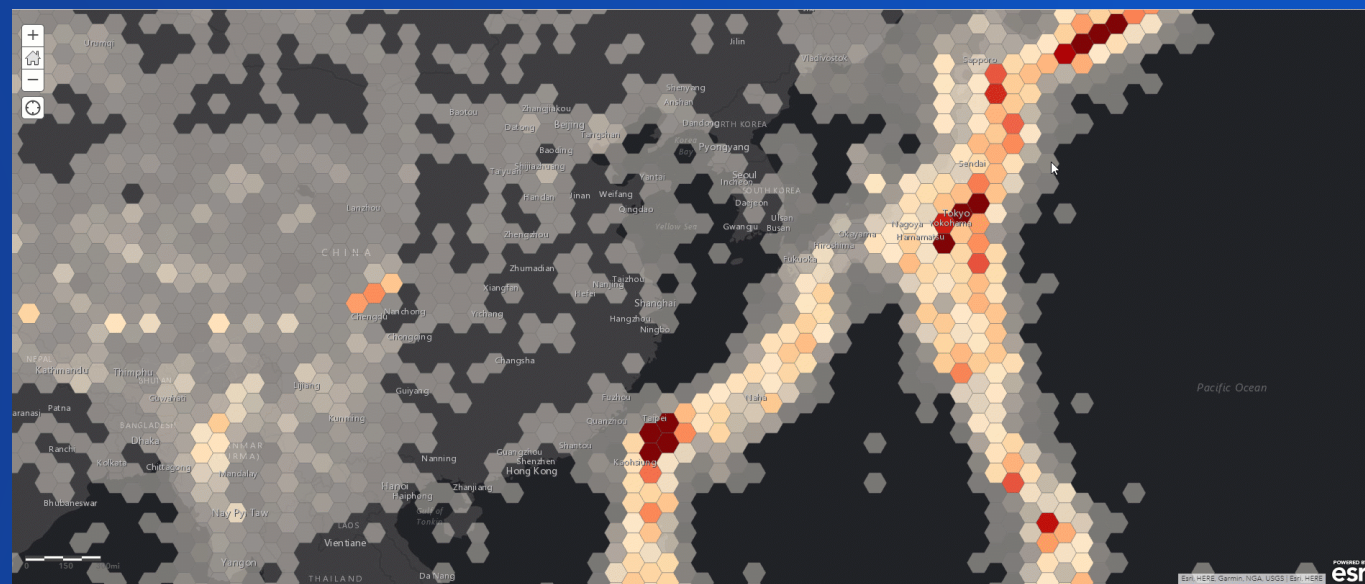
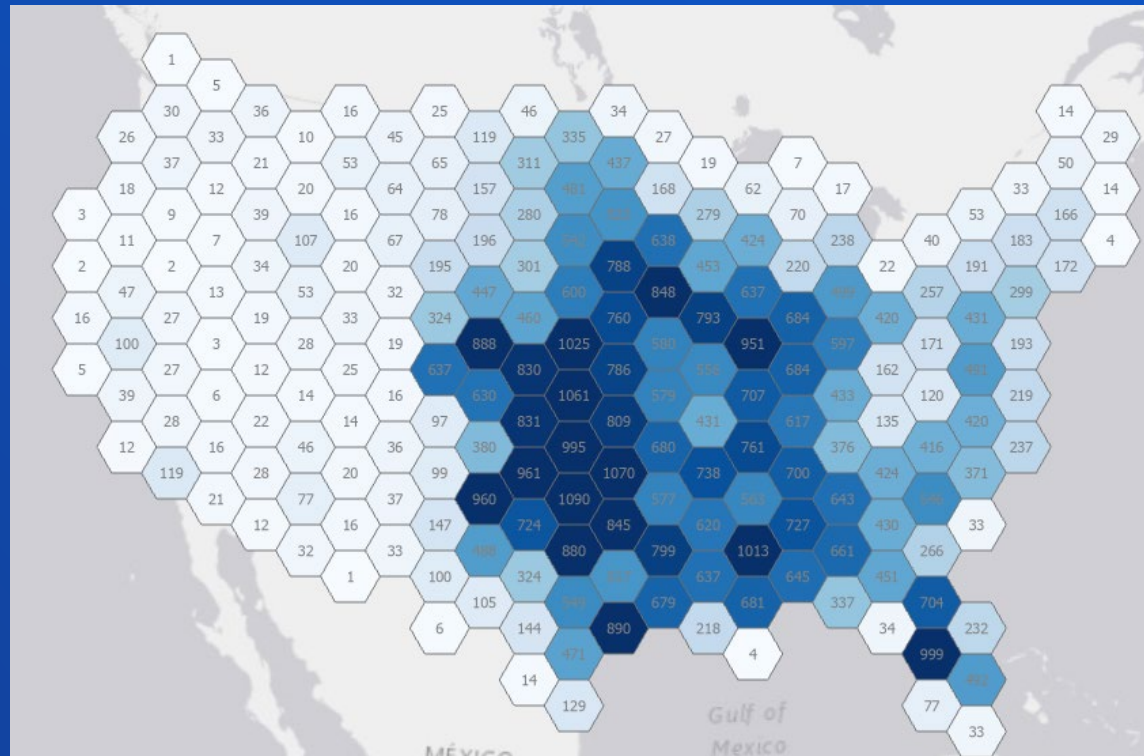
3

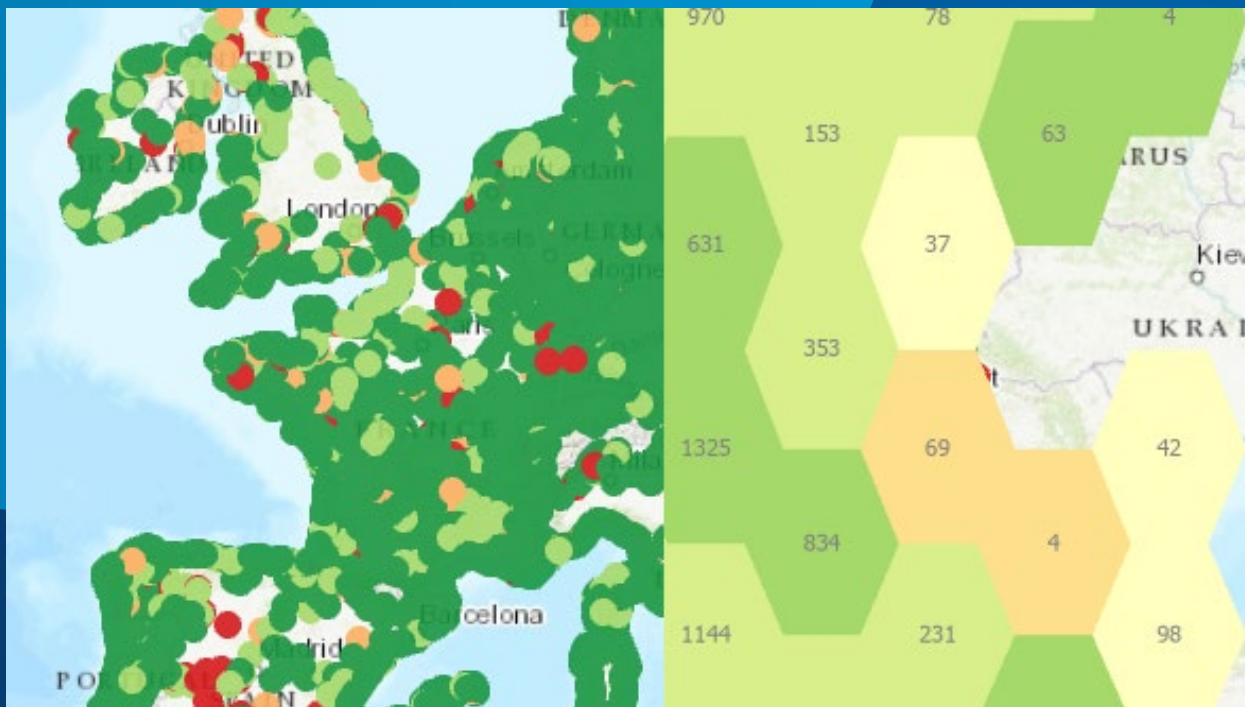
- Explore your data!

Feature binning

Dynamic visualization of large datasets

- Use server-side rendering to quickly and easily aggregate data into bins
- Helpful for very large and very dense point datasets
- Understand your data and see it dynamically adjust as you pan and zoom
- New for map services published from your own databases (2.4 and 10.7.1)





Feature Binning

Waterquality in Europe

Analysis

Key enhancements: building a complete platform for spatial data science; delivering new tools for big data analysis and deep learning.

GeoAnalytics Server

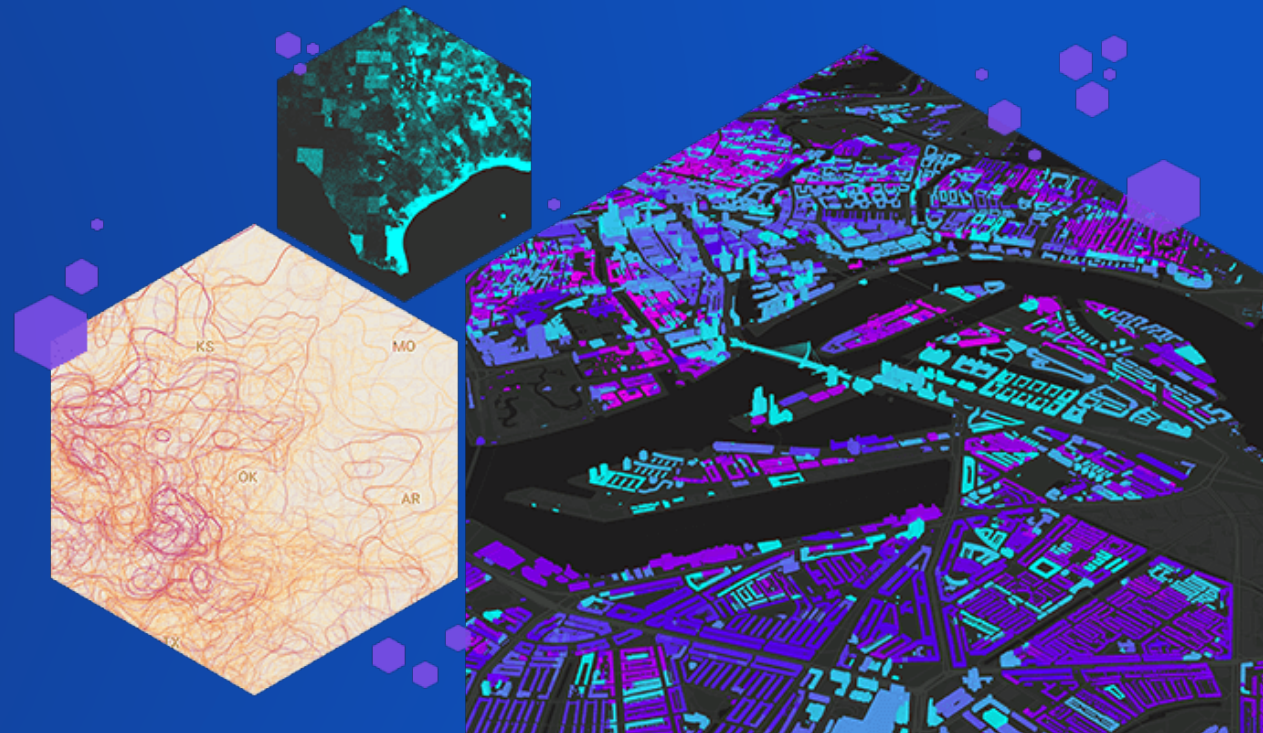
Big data analysis for vector and tabular data

- Clip Layer
- Merge Layers
- Dissolve Boundaries
- Enrich from Grid
- Describe Dataset
- Random Forest
- Linear Regression
- Run Python Script (custom)

Raster Analytics (Image Server)

Distributed raster analysis

- Classify Pixels Using Deep Learning
- Detect Objects Using Deep Learning



ArcGIS Notebook Server

Hosts Python notebooks in ArcGIS Enterprise

- Automate analysis and administration
- Open up access to a powerful data science platform
- Code with the Python API and ArcPy
- Isolate each author's workspace in Docker containers

ArcGIS | Crime Analysis: Boston Police | last checkpoint: a few seconds ago (unsaved changes)

File Edit View Insert Cell Kernel Help

In [62]:

```
# Create a spatially enabled dataframe with the results
crime_viz3d_sedf = SpatialDataFrame.from_featureclass(crime_viz3d_wgs)
crime_viz3d_sedf.head()
```

Out[62]:

	OBJECTID	TIME_STEP	START_DATE	END_DATE	TIME_EXAG	ELEMENT	LOCATION	PRECINCTWARDID	VALUE	SHAPE
0	1	0	2016-12-31 22:20:01	2017-01-31 22:20:00	0.0000	0	0	1	3.0	[X: -71.00969271899999, Y: 42.388872945000...
1	2	1	2017-01-31 22:20:01	2017-02-28 22:20:00	128.1868	255	0	1	4.0	[X: -71.00969271899999, Y: 42.388872945000...
2	3	2	2017-02-28 22:20:01	2017-03-31 22:20:00	256.3736	510	0	1	1.0	[X: -71.00969271899999, Y: 42.388872945000...
3	4	3	2017-03-31 22:20:01	2017-04-30 22:20:00	384.5604	765	0	1	3.0	[X: -71.00969271899999, Y: 42.388872945000...
4	5	4	2017-04-30 22:20:01	2017-05-31 22:20:00	512.7472	1020	0	1	1.0	[X: -71.00969271899999, Y: 42.388872945000...

In [73]:

```
# Create a map in 3D mode to visualize the results
viz3d_map = gis.map("Boston", zoomlevel=13, mode='3D')
viz3d_map.basemap='dark-gray-vector'
viz3d_map
```

Out[73]:

World Topographic Map

3,316,224 layers

World Topographic Map by Esri Updated: 8/21/18

2016 USA Population Density by Esri Updated: 9/12/16

2016 USA Median Age by Esri Updated: 9/12/16

2016 USA Per Capita Income by Esri Updated: 9/12/16

2016 USA Median Home Value by Esri Updated: 9/12/16

World Topographic Map

Tile Layer by Esri

Updated: August 21, 2018

Living Atlas Authoritative

This (v2) vector tile layer provides a detailed basemap for the world featuring a classic Esri topographic map style designed for use with a relief map.

Description

This vector tile layer provides a detailed basemap for the world symbolized with a classic Esri topographic map style. This vector tile layer is similar in content and

Add to Notebook

*Comes with a rich
gallery of sample
notebooks to illustrate
workflows*

ArcGIS Notebook Server

Hosts Python notebooks in ArcGIS Enterprise

Fully integrated with your Enterprise portal:

- Users are granted notebook privileges
- Add and reference portal items from within your notebook
- Share notebooks with other users within your portal

The screenshot displays the ArcGIS Notebook Server interface. The top navigation bar includes 'ArcGIS', 'Crime Analysis: Boston Police', and a status message 'last checkpoint: a few seconds ago (unsaved changes)'. Below the navigation bar is a toolbar with icons for 'Add', 'Analysis', 'Files', 'Share', and 'Info'. The main workspace shows a Python notebook with two cells. The first cell, labeled 'In [62]:', contains code to create a spatially enabled dataframe from a feature class. The output, 'Out[62]:', is a table with columns: OBJECTID, TIME_STEP, START_DATE, END_DATE, TIME_EXAG, ELEMENT, LOCATION, PRECINCTWARDID, VALUE, and SHAPE. The second cell, labeled 'In [73]:', contains code to create a 3D map of Boston. The output, 'Out[73]:', is a 3D map visualization showing crime data points as vertical bars. To the right of the notebook is a sidebar titled 'ArcGIS Online' with a search bar and a list of layers. The layers include 'World Topographic Map', '2016 USA Population Density', '2016 USA Median Age', '2016 USA Per Capita Income', and '2016 USA Median Home Value'. The 'World Topographic Map' layer is selected, and its details are shown in a panel on the right. The details panel includes a description of the layer and an 'Add to Notebook' button.

Crime Analysis: Boston Police last checkpoint: a few seconds ago (unsaved changes)

Add Analysis Files Share Info Save As

File Edit View Insert Cell Kernel Help

+ 8% [Icons] [Run] [Code]

In [62]:

```
# Create a spatially enabled dataframe with the results
crime_viz3d_sedf = SpatialDataFrame.from_featureclass(crime_viz3d_wgs)
crime_viz3d_sedf.head()
```

Out[62]:

	OBJECTID	TIME_STEP	START_DATE	END_DATE	TIME_EXAG	ELEMENT	LOCATION	PRECINCTWARDID	VALUE	SHAPE
0	1	0	2016-12-31 22:20:01	2017-01-31 22:20:00	0.0000	0	0	1	3.0	[X: -71.00969271899999, Y: 42.388872945000...
1	2	1	2017-01-31 22:20:01	2017-02-28 22:20:00	128.1868	255	0	1	4.0	[X: -71.00969271899999, Y: 42.388872945000...
2	3	2	2017-02-28 22:20:01	2017-03-31 22:20:00	256.3736	510	0	1	1.0	[X: -71.00969271899999, Y: 42.388872945000...
3	4	3	2017-03-31 22:20:01	2017-04-30 22:20:00	384.5604	765	0	1	3.0	[X: -71.00969271899999, Y: 42.388872945000...
4	5	4	2017-04-30 22:20:01	2017-05-31 22:20:00	512.7472	1020	0	1	1.0	[X: -71.00969271899999, Y: 42.388872945000...

In [73]:

```
# Create a map in 3D mode to visualize the results
viz3d_map = gis.map("Boston", zoomlevel=13, mode='3D')
viz3d_map.basemap='dark-gray-vector'
viz3d_map
```

Out[73]:

ArcGIS Online

Search for layers

3,316,224 layers

World Topographic Map by Esri Updated: 8/21/18

2016 USA Population Density by Esri Updated: 9/12/16

2016 USA Median Age by Esri Updated: 9/12/16

2016 USA Per Capita Income by Esri Updated: 9/12/16

2016 USA Median Home Value by Esri Updated: 9/12/16

World Topographic Map

Tile Layer by Esri

Updated: August 21, 2018

Living Atlas Authoritative

This (v2) vector tile layer provides a detailed basemap for the world featuring a classic Esri topographic map style designed for use with a relief map.

Description

This vector tile layer provides a detailed basemap for the world symbolized with a classic Esri topographic map style. This vector tile layer is similar in content and

Add to Notebook

*Comes with a rich
gallery of sample
notebooks to illustrate
workflows*

Identify insecure items

Identify insecure items

ArcGIS | Content Management: Identify insecure items (unsaved changes)

+

Add

Analysis

Files

Share

Info

File

Edit

View

Insert

Cell

Kernel

Help

+

<

↑

↓

Run

↺




↻

⏩

Markdown

▼

Content Management: Identify insecure items

-  Ready To Run
-  Administration
-  Content Management

Items of type WebMap, WebScene, or App contain collections of layers, basemaps, and other external services hosted on ArcGIS Online. They are identified by a URL, `http://` or `https://`, with HTTPS being the more secure protocol since it encrypts the connection. **It is recommended that all items use the HTTPS protocol.**

This notebook will search through all WebMap/WebScene/App Items in an Organization, identifying the 'insecure' ones if one or more are displayed in this notebook, persisted in `.csv` files, and can have the `potentially_insecure` tag added to them.

Table of Contents

- [Identify Items That Use Insecure URLs](#)
- [Configure Behavior](#)

ArcGIS Enterprise: Getting Started with ArcGIS Notebook Server

Tuesday, 09:00pm – 09:45pm

Wednesday, 10.00am – 10.45am

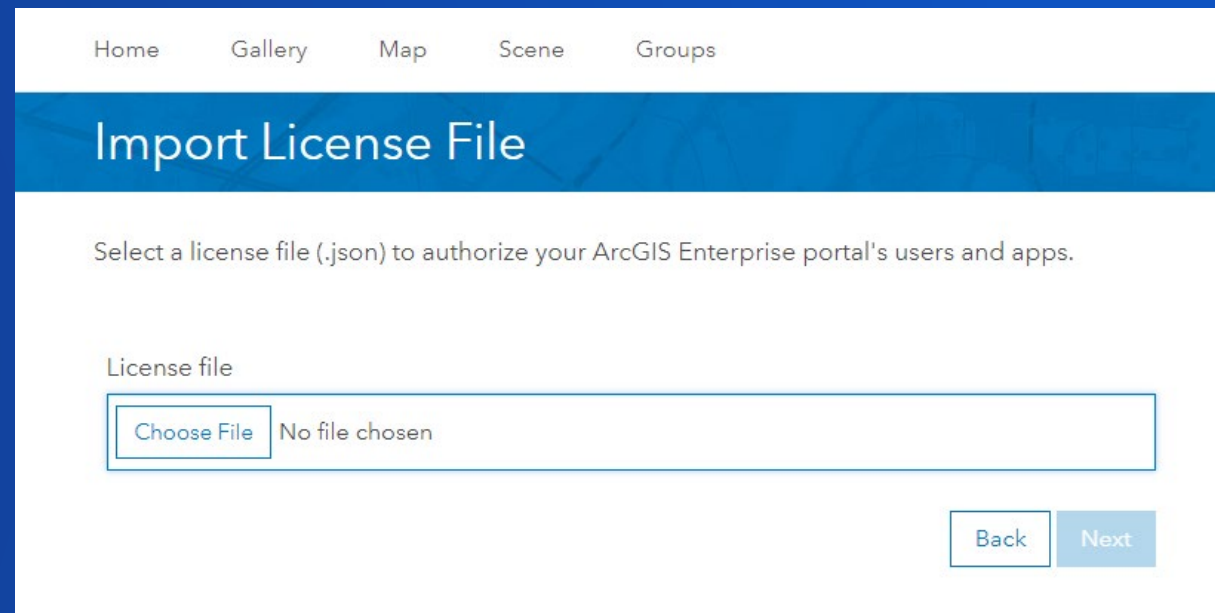
Administration

Key enhancements: making it easier to manage users and licenses, automate notifications of events, and make your deployment more efficient.

Easier ArcGIS Enterprise Licensing

- **Licensing on My Esri**
- **Installing and upgrading**
- Improved user administration
- Improved license management

- Single portal json file for user types and applications
- No more portal Software Authorization Wizard



The screenshot shows the 'Import License File' page in the ArcGIS Enterprise web interface. At the top, there is a navigation bar with links for 'Home', 'Gallery', 'Map', 'Scene', and 'Groups'. Below this, the page title 'Import License File' is displayed in a large, white font against a blue background. The main content area has a white background and contains the instruction: 'Select a license file (.json) to authorize your ArcGIS Enterprise portal's users and apps.' Below this instruction, there is a section labeled 'License file' which contains a file selection interface. This interface includes a 'Choose File' button and a text box that currently says 'No file chosen'. At the bottom right of the page, there are two buttons: 'Back' and 'Next'.

Home Gallery Map Scene Groups

Import License File

Select a license file (.json) to authorize your ArcGIS Enterprise portal's users and apps.

License file

Choose File No file chosen

Back Next

Improved user license management and user administration

- When adding members, can specify default properties & assign licenses

Add members

Choose method

Compile member list

Set member properties

Confirm and complete

Summary

Members

Total members to be added

101

Viewer	47
Creator	38
Field Worker	11
GIS Professional Advanced	5

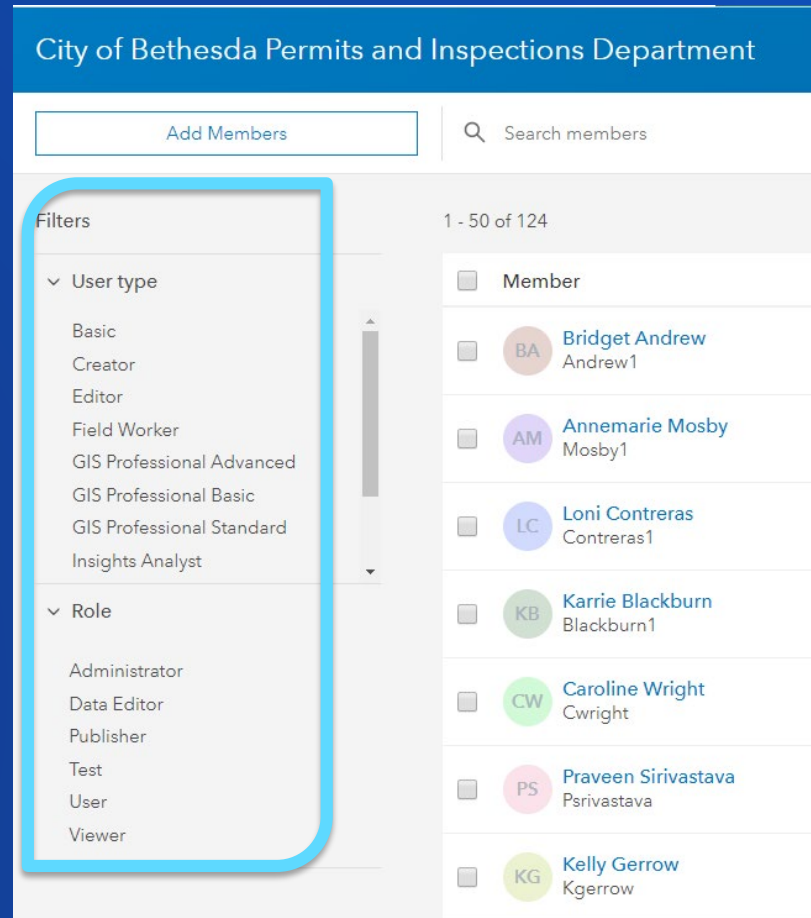
Properties

Profile visibility	Organization
Start page	Home
Language	English - English
Number and date format	US - US



Improved user license management and user administration

- When adding members, can specify default properties & assign licenses
- Enhanced filtering when managing users and licenses:
 - Role
 - User Type
 - Groups (coming soon)



Improved user license management and user administration

- When adding members, can specify default properties & assign licenses
- Enhanced filtering to when managing users and licenses
 - Role
 - User Type
 - Groups
- Bulk change user types, roles, license assignments

The screenshot displays the 'Assign: ArcGIS Excalibur' interface. At the top, it shows '16 assigned' (with a green bar), '184 available', and '200 total'. A search bar labeled 'Search members' is present. On the right, there are tabs for 'Member name' and 'Filter'. The main area is divided into 'Filters' on the left and a list of members on the right. The 'Filters' section includes 'User type' (with a dropdown menu showing options like Basic, Creator, Editor, Field Worker, GIS Professional Advanced, GIS Professional Basic, GIS Professional Standard, and Insights Analyst) and 'Role' (with a dropdown menu showing Administrator and Data Editor). The members list shows five users: Angelia Horsley (Horsley1), Anik Rani (ARani1), Annabel Tinsley (Tinsley1), Annemarie Mosby (Mosby1), and Aracelis Chen (AChen1). Each user has an 'Assign' button. A note next to Angelia Horsley states 'Not compatible with member's user type'. The bottom right corner indicates 'Assign on this page: 50'.

Assign: ArcGIS Excalibur

16 assigned | 184 available | 200 total

Search members

Member name Filter

Filters

1 - 50 of 124

Assign on this page: 50

Filters

- ▼ User type
 - Basic
 - Creator
 - Editor
 - Field Worker
 - GIS Professional Advanced
 - GIS Professional Basic
 - GIS Professional Standard
 - Insights Analyst
- ▼ Role
 - Administrator
 - Data Editor

Members List:

- Angelina Horsley (Horsley1) [Not compatible with member's user type](#)
- Anik Rani (ARani1) [Assign](#)
- Annabel Tinsley (Tinsley1) [Assign](#)
- Annemarie Mosby (Mosby1) [Assign](#)
- Aracelis Chen (AChen1) [Assign](#)

Improved user license management and user administration

- When adding members, can specify default properties & assign licenses
- Enhanced filtering to when managing users and licenses
 - Role
 - User Type
 - Groups
- Bulk change user types, roles, license assignments

The screenshot shows the 'Assign: ArcGIS Excalibur' interface. At the top, it displays '16 assigned', '184 available', and '200 total' licenses. A search bar labeled 'Search members' is present. Below the search bar, there are filters for 'User type' and 'Role'. The 'User type' filter is expanded, showing options: Basic, Creator, Editor, Field Worker, GIS Professional Advanced, GIS Professional Basic, GIS Professional Standard, and Insights Analyst. The 'Role' filter is also expanded, showing 'Administrator' and 'Data Editor'. A list of members is displayed, showing their initials, name, and a unique identifier. The members listed are: Angelia Horsley (Horsley1), Anik Rani (ARani1), Annabel Tinsley (Tinsley1), Annemarie Mosby (Mosby1), and Aracelis Chen (AChen1). Each member has an 'Assign' button next to their name.

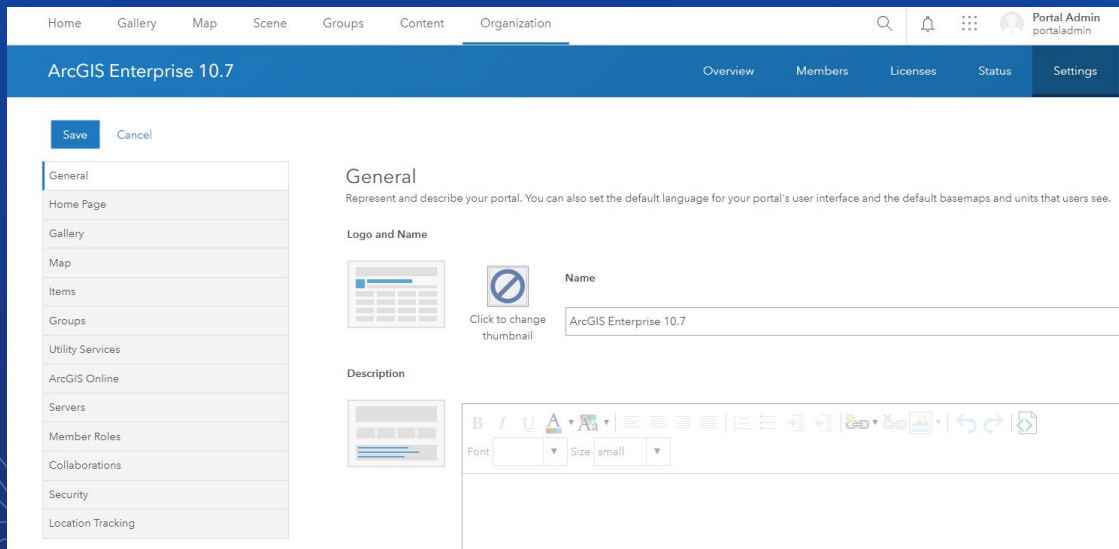
Member name	Filter
Angelia Horsley Horsley1	Assign
Anik Rani ARani1	Assign
Annabel Tinsley Tinsley1	Assign
Annemarie Mosby Mosby1	Assign
Aracelis Chen AChen1	Assign

A modal dialog box is displayed, asking for confirmation to assign ArcGIS Excalibur licenses to 28 members. The dialog box contains the text: 'Are you sure you want to assign ArcGIS Excalibur licenses to 28 members?'. Below the text, there are two buttons: 'Assign' and 'Cancel'.

Fine-grained administrative privileges

In previous versions, an admin can:

- Customize the portal website
- Create collaborations
- Enable Living Atlas
- Federate servers
- Set the hosting server

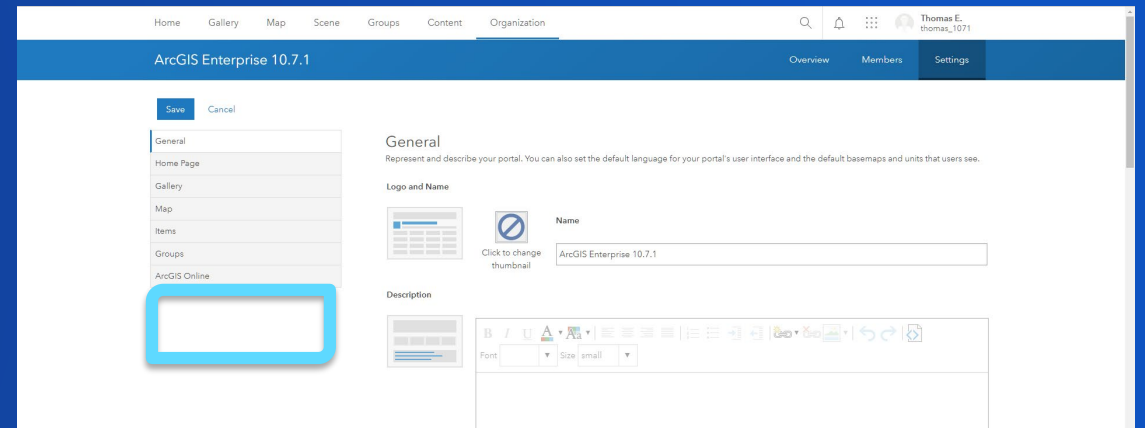


Now, an admin can:

- Customize the portal website
- Create collaborations
- Enable Living Atlas

The same admin will be unable to:

- Federate servers
- Set the hosting server



New for ArcGIS Server administration

1

Request ID

- Each request gets a unique ID
- Query logs using ID for a comprehensive timeline

2

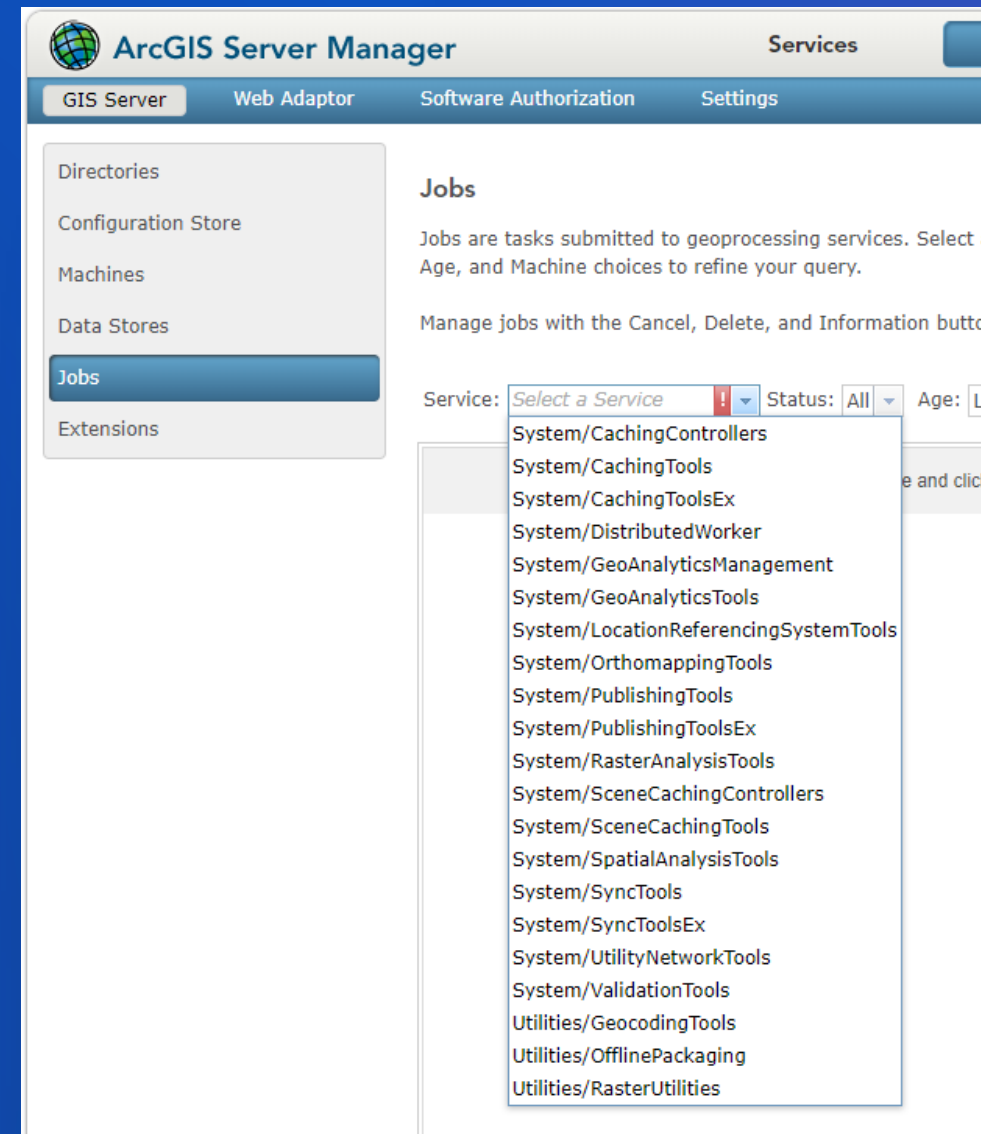
Inactivity properties

- Suspend and then unregister inactive machines after a set duration
- Particularly useful for large cloud deployments

3

Jobs page

- Identify the status of geoprocessing jobs in Server Manager
- Intervene if needed



Jobs page
Server Manager

Introducing webhooks

Automate notifications based on portal actions

An action occurs.

- Something is published
- A user creates a new account
- An item is deleted

The webhook is triggered.

- Delivers JSON description of event
- Relevant info fields

```
{
  "info": {
    "webhookName": "Group monitoring",
    "webhookId": "72fed926aeb74c9ca8a22aacddc6725a",
    "portalURL": "https://machineURL/portal/",
    "when": 1543192196521
  },
  "events": [{
    "username": "administrator",
    "userId": "173dd04b69134bdf99c5000aad0b6298",
    "when": 1543192196521,
    "operation": "update",
    "source": "group",
    "id": "173dd04b69134bdf99c5000aad0b6298",
    "properties": {}
  }]
}
```

Your platform of choice kicks in.

- IFTTT
- Integromat
- Microsoft Flow

It performs an action.

- Emails you
- Posts in Slack
- Alexa announces it at the dinner table (maybe not)



ArcGIS Enterprise: Using Webhooks

Wednesday, 12:00pm – 12:45pm

Shared instance pool

A game changer for service performance in ArcGIS Enterprise



Conserve memory using the shared instance pool

Beginning at 10.7, ArcGIS Server includes a new feature called the **shared instance pool**. As opposed to the existing model, where each service running on a site has its own dedicated pool of service instances, services that use the shared pool use its instances to handle their requests – and consume no additional memory when they aren't in use.

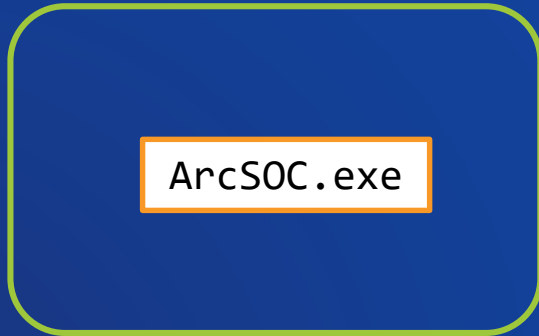
Shared instances provide a better solution to the problem of balancing site performance with available machine resources.

For compatible services that don't constantly receive traffic, using the shared pool allows you to provide appropriate resources to handle their traffic, while drastically reducing their memory footprints on your machines.

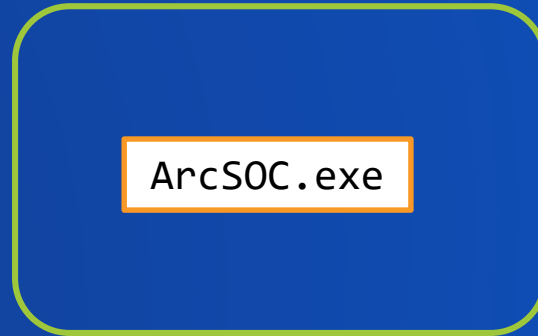




CLIENT APPS



Service



Service

ARCGIS SERVER SITE



CLIENT APPS



Service



Service

ARCGIS SERVER SITE





CLIENT APPS

**Dedicated
instance pools**



Service



Service

ARCGIS SERVER SITE





CLIENT APPS

Goal: Optimize instances
so you're only using as
many as you need.



Service



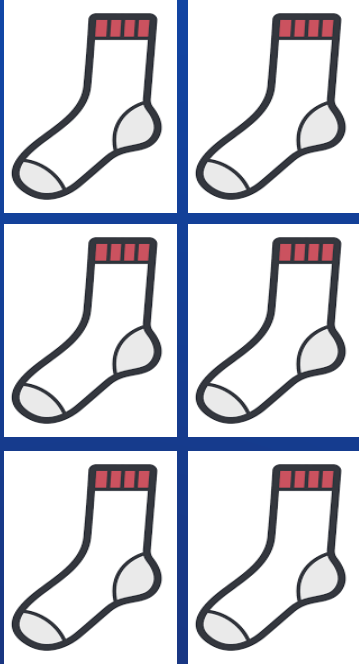
Service

ARCGIS SERVER SITE





GPService



MapService1

Frequent
traffic

Less
frequent
traffic



MapService2



FeatService2



MapService3



MapService4



FeatService1



FeatService3

ARCGIS SERVER SITE



- Conserve memory and power usage from unused instances... **without** performance impact
- Isolate high-volume services in dedicated pools
- Reduce administrative overhead of maintaining separate pools for all services

Shared instance pool

New at 10.7



6 ArcSOCs

Participants:

MapService2
MapService3
MapService4
FeatService1
FeatService2
FeatService3

ARCGIS SERVER SITE



How to: Shared instances

Editing: [Site \(root\)](#) > GlobalOil

General

Parameters

Capabilities

Pooling

Processes

Caching

Item Description

General

Name: GlobalOil

Type: Map Service

Original Document

Authoring Application: ArcGIS Pro

Machine Name: atlantic

Path: C:\Users\jeff89

1

- Publish compatible map services from ArcGIS Pro
- Check the Authoring Application: *Service editor > General tab*

Editing: [Site \(root\)](#) > GlobalOil

Help Save and

General

Parameters

Capabilities

Pooling

Processes

Caching

Item Description

Instance Type

Make this service available using:

☐ Dedicated instance pool

☒ Shared instance pool

Specify Number of Instances

Minimum number of instances per machine:

Maximum number of instances per machine:

Specify Service Timeouts

The maximum time a client can use a service: 600

The maximum time a client will wait to get a service: 60

The maximum time an idle instance can be kept running: 1800

2

- Change instance type from Dedicated to Shared under *Pooling*
- Dedicate instance settings grey out
- Change back at any time

er Manager

Services Site Security

Adaptor Software Authorization Settings

Pooling

Compatible map services published from ArcGIS Pro can be configured to use either shared instances. Shared instances conserve memory usage by pooling active instances for use by multiple clients. Dedicated instances make a service always available to handle requests by using a reserved instance.

Default Instance Type

Help

Choose the default instance type used by compatible map services published from ArcGIS Pro.

☒ Dedicated instances

☐ Shared instances

Apply Cancel

3

- Optionally change the default setting for compatible map services to use shared instances: *Site > Settings > Pooling*

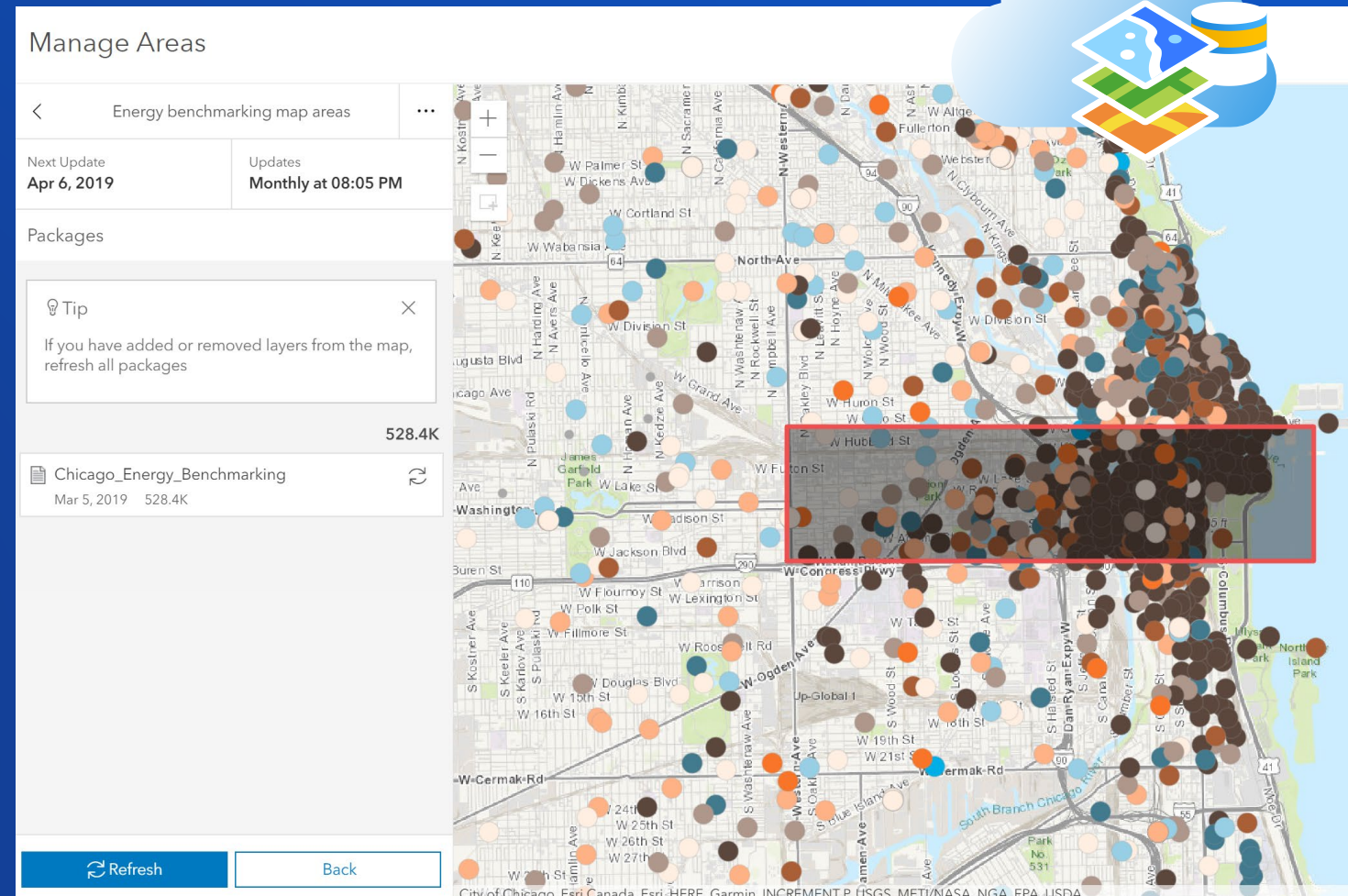
Data

Key enhancements: supporting offline workflows, data integrity and quality & improvements to search, sharing, and collaboration.

Preplanned offline map areas

Supporting disconnected and low connectivity workflows

- Makes it easier and faster to package up your data for offline use
- Select specific areas rather than an entire, heavy map
- Refresh areas and updates to the web map on a schedule to stay in sync with your offline area
- Use in apps built using the Runtime SDK and Collector for ArcGIS



How to: Offline map areas

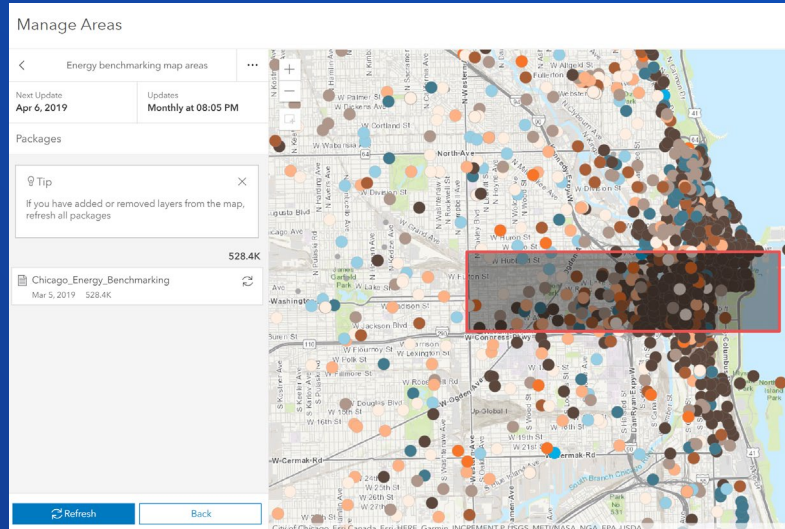
Feature Layer (hosted)

Editing

- ☒ Enable editing.
- ☐ Keep track of who created and last updated features.
- ☒ Enable Sync (disconnected editing with synchronization).

1

- Configure layer(s) for offline use



2

- Create your web map
- Draw your preplanned areas
- Set a refresh interval (optional)

3

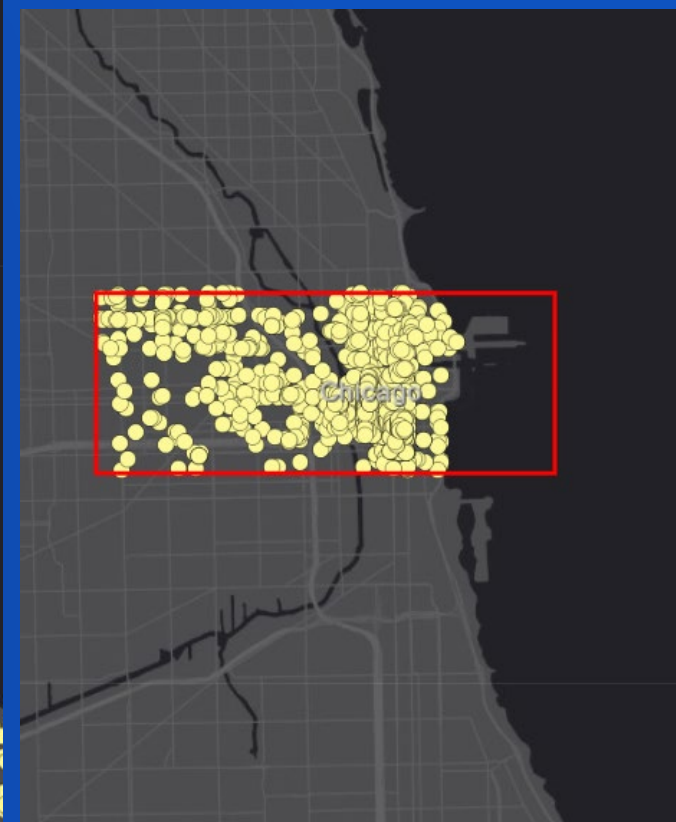
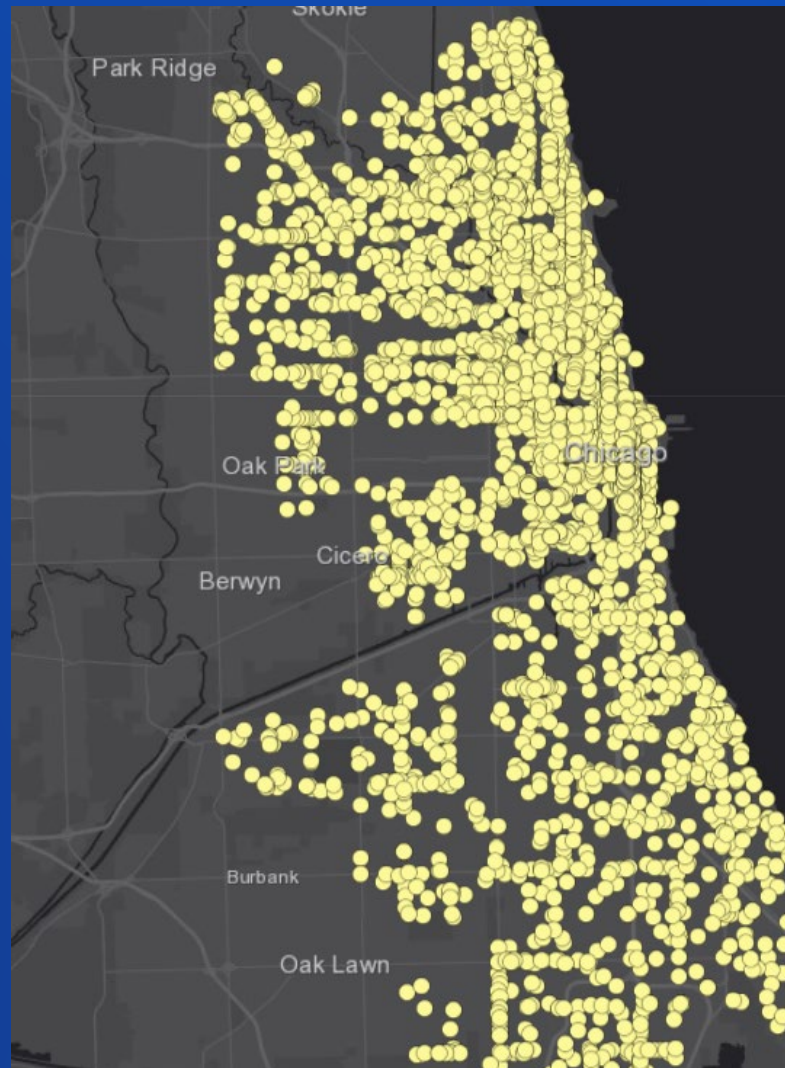


- Access data on your device
 - Feature layers = SQLite database
 - Tile layers = tile packages

Hosted feature layer views

New option for drawing an area of interest

- Views stay connected to your source data but can have different:
 - Editing settings
 - Sharing settings
 - Symbology
- Expose only a subset of your data using any of these definitions:
 - Area of interest (new!)
 - Feature definition
 - Field definition



Distributed collaboration

Sharing content across systems

- Share data with other ArcGIS Enterprise deployments and ArcGIS Online
- Automatically keeps data in sync and up to date

New:

- **Share Insights for ArcGIS items**
- **Copy hosted feature layer views**
- **Pause and resume data synchronizations**
- **Collaborated content now more identifiable**



A screenshot of an ArcGIS item page. The main content area displays a map titled "Hurricane Pressure and Speed" with a description: "This map shows the speed and air pressure maintained by hurricanes between 1924 and 2014." Below the map, it shows the creation and update dates (Feb 21, 2019) and a view count of 0. A "Collaboration" button is visible. A tooltip message states: "This item was received from a collaboration". At the bottom, a partial view of another item titled "Residential Permit and Inspection Trend Analysis" is visible.

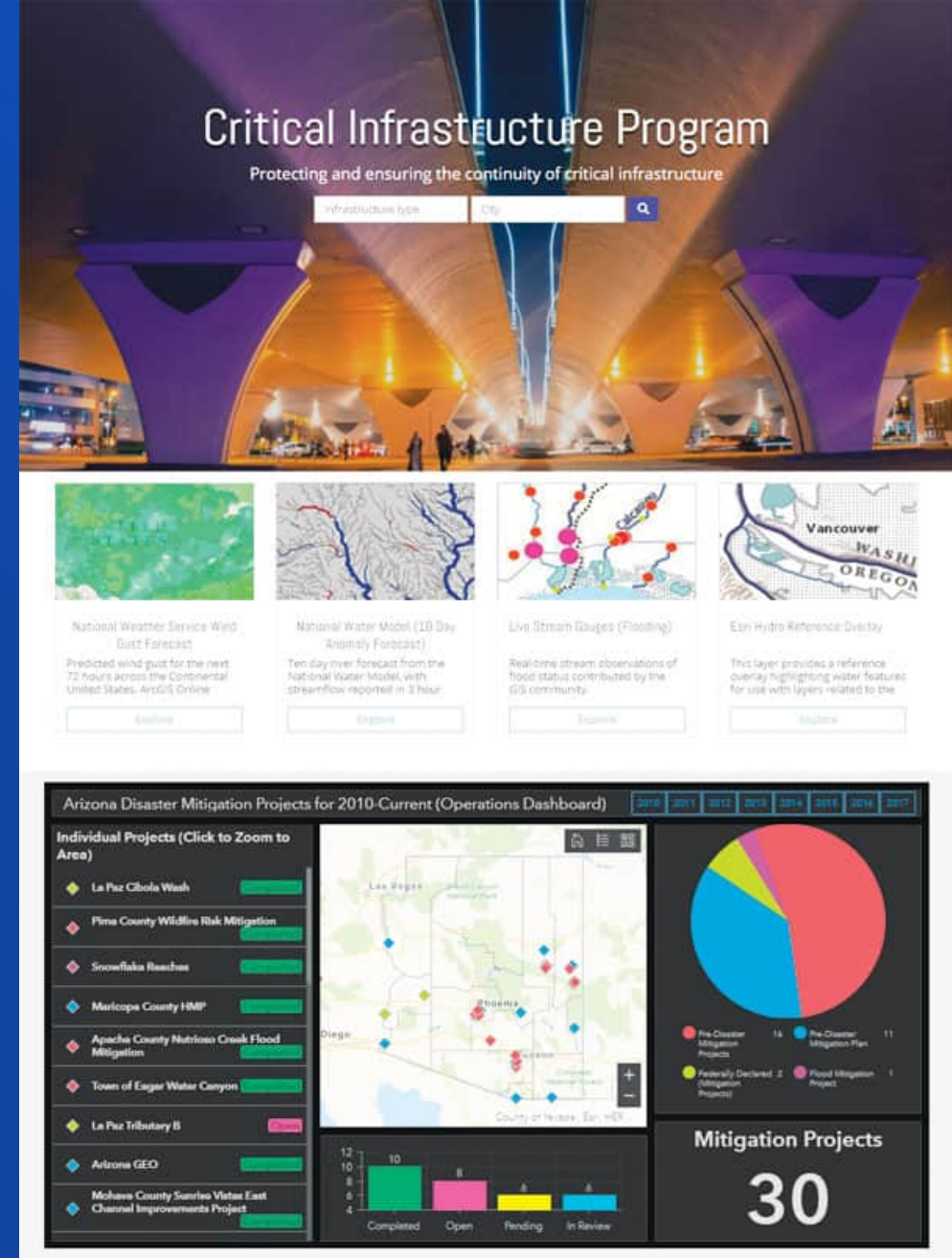
ArcGIS Enterprise Sites

Tailored websites and pages for your end users

- Tailor the entryway to your GIS content based on your audience
- Display the data that matters the most (maps, dashboards, Twitter feeds, etc)
- Drag-and-drop builder for site creation
- HTML and CSS options for deep customization

New:

- Rich text editing
- Directly upload images
- Choose an image focal point
- Streamlined UI for adding and managing widgets



Need help?

✉ criticalinfrastructure@pcip.com

Publishing

Key enhancements: new options for making your data widely accessible to others, new features and functionality when publishing from ArcGIS Pro.

New in publishing

1

Publish services from ArcGIS Pro to a standalone (unfederated) ArcGIS Server

2

Publish OGC services from ArcGIS Pro

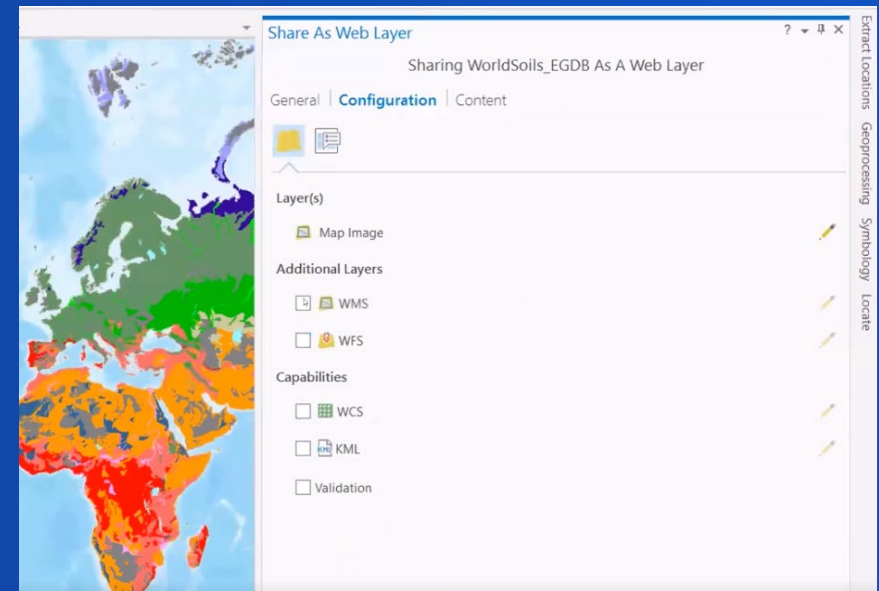
- WMS, WFS, WCS, KML

3

Replace vector tile layer (with enhancements at 10.8)

4

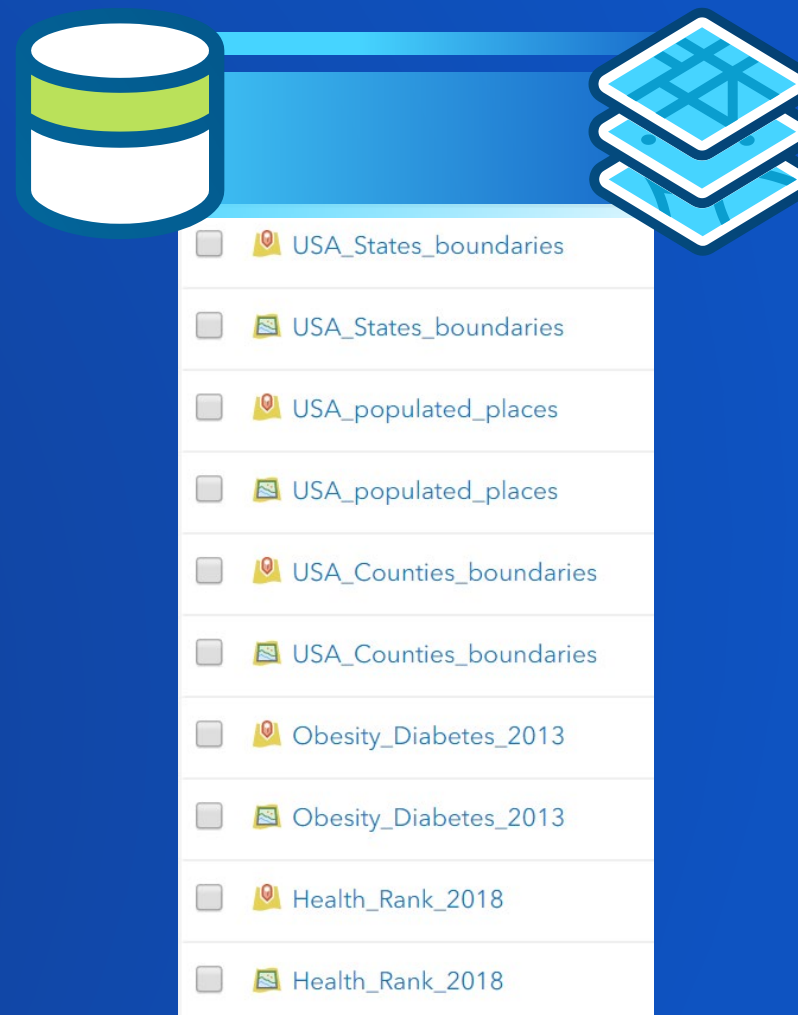
Publish feature classes, tables, and imagery in bulk



Bulk publishing

Quickly and easily create web services from your own data stores

- Creates layers, en masse, from user-managed storage: databases, folders
- Makes data from your own sources easily accessible across your organization: 10s, 100s of layers
- Layers (map and feature) will by default be read-only and use shared instances



How to: Publish in bulk

Add a data store

STEP 1: Set basic information and type | STEP 2: Configure connection

Provide connection details for your data store.

Title

Type

- ☐ Folder
A file system folder or file share
- ☒ Database
A connection to a database
- ☐ Cloud
A storage location in the cloud

1

- Register data store with your server (new: registration happens in portal)

Layer	Type
USA_States_boundaries	Feature Layer
USA_States_boundaries	Map Image Layer
USA_populated_places	Feature Layer
USA_populated_places	Map Image Layer
USA_Counties_boundaries	Feature Layer
USA_Counties_boundaries	Map Image Layer
Obesity_Diabetes_2013	Feature Layer
Obesity_Diabetes_2013	Map Image Layer
Health_Rank_2018	Feature Layer
Health_Rank_2018	Map Image Layer

2

- Sync layers

10 selected | Clear Selection

Share

Share the item(s) with:

- ☐ Everyone
- ☐ ArcGIS Enterprise 10.7.1
- ☒ These groups:
 - ☐ Featured Maps and Apps
 - ☒ Health Database

These settings will replace the current settings.

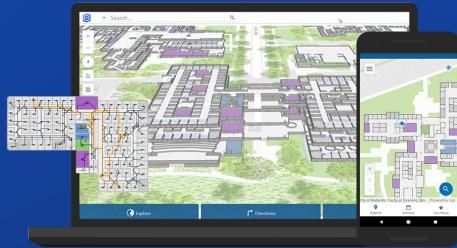
OK Cancel

3

- Share with groups and your organization

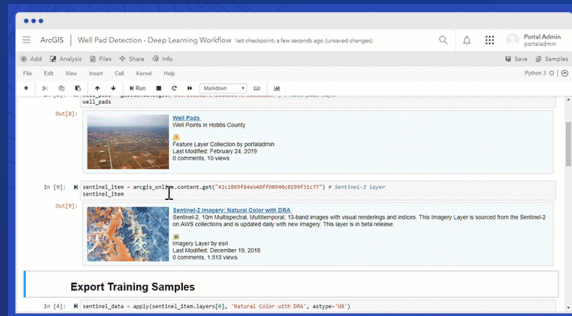
New applications & products

ArcGIS Indoors



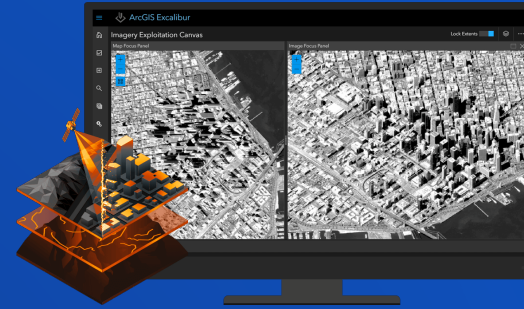
Complete system for indoor mapping used to create a connected workplace

ArcGIS Notebook Server



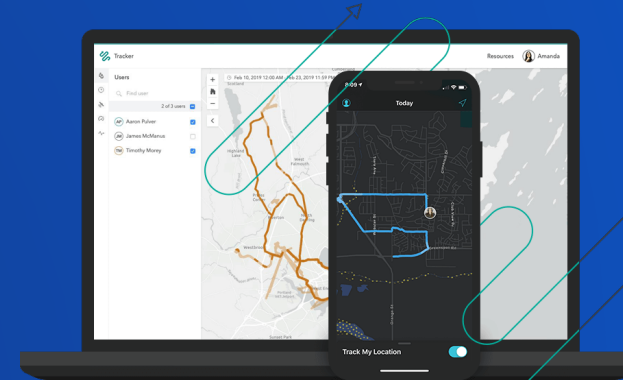
Complete spatial data science platform with powerful Python analysis capabilities

ArcGIS Excalibur



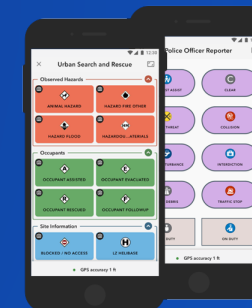
Imagery exploitation and management web application

Tracker for ArcGIS



New mobile and web app for tracking your workforce, improving situational awareness

ArcGIS QuickCapture



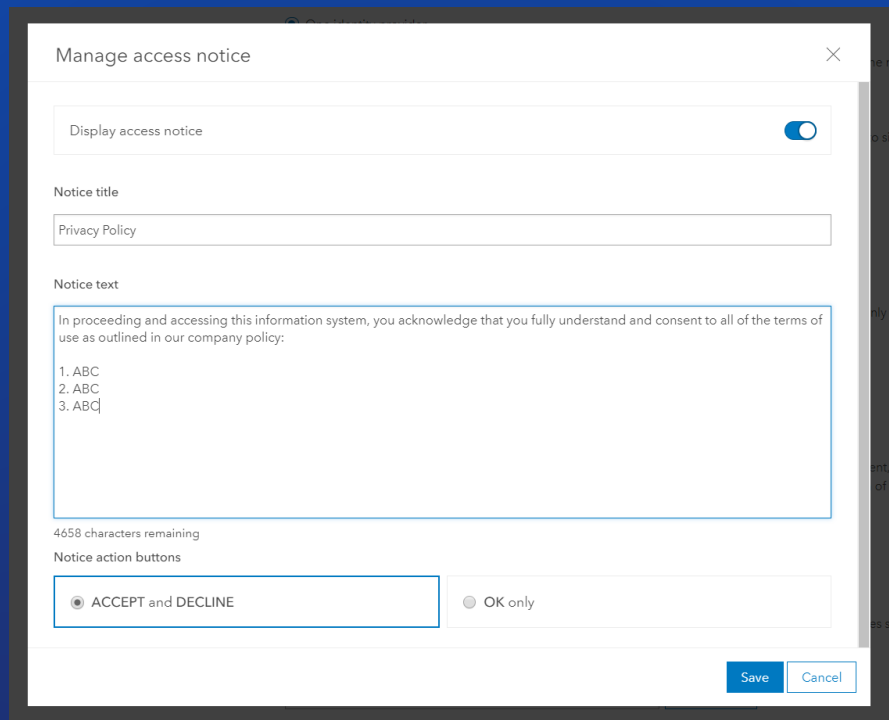
Capture field observations from a single tap on your device

What is coming in ArcGIS 10.8

A sneak preview

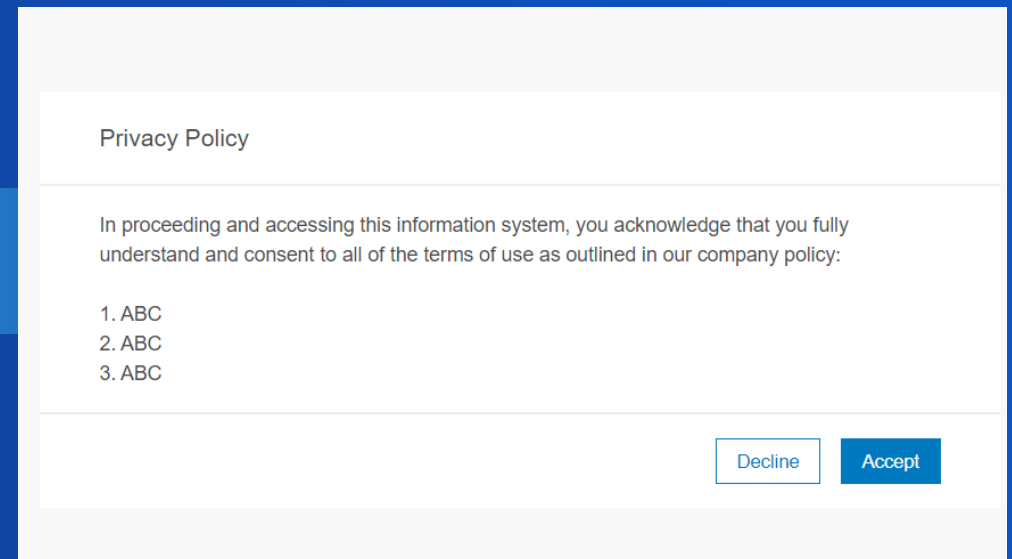
Configure an access notice for your Enterprise portal

- Privacy and security prompts (accept/decline)
- General updates and notices



The screenshot shows a 'Manage access notice' dialog box. It has a close button (X) in the top right corner. The first section is 'Display access notice' with a toggle switch that is turned on. Below this is the 'Notice title' field, which contains the text 'Privacy Policy'. The 'Notice text' field is a large text area containing the text: 'In proceeding and accessing this information system, you acknowledge that you fully understand and consent to all of the terms of use as outlined in our company policy:' followed by a numbered list: '1. ABC', '2. ABC', and '3. ABC'. Below the text area, it says '4658 characters remaining'. The 'Notice action buttons' section has two radio button options: 'ACCEPT and DECLINE' (which is selected) and 'OK only'. At the bottom right of the dialog are 'Save' and 'Cancel' buttons.

Admin

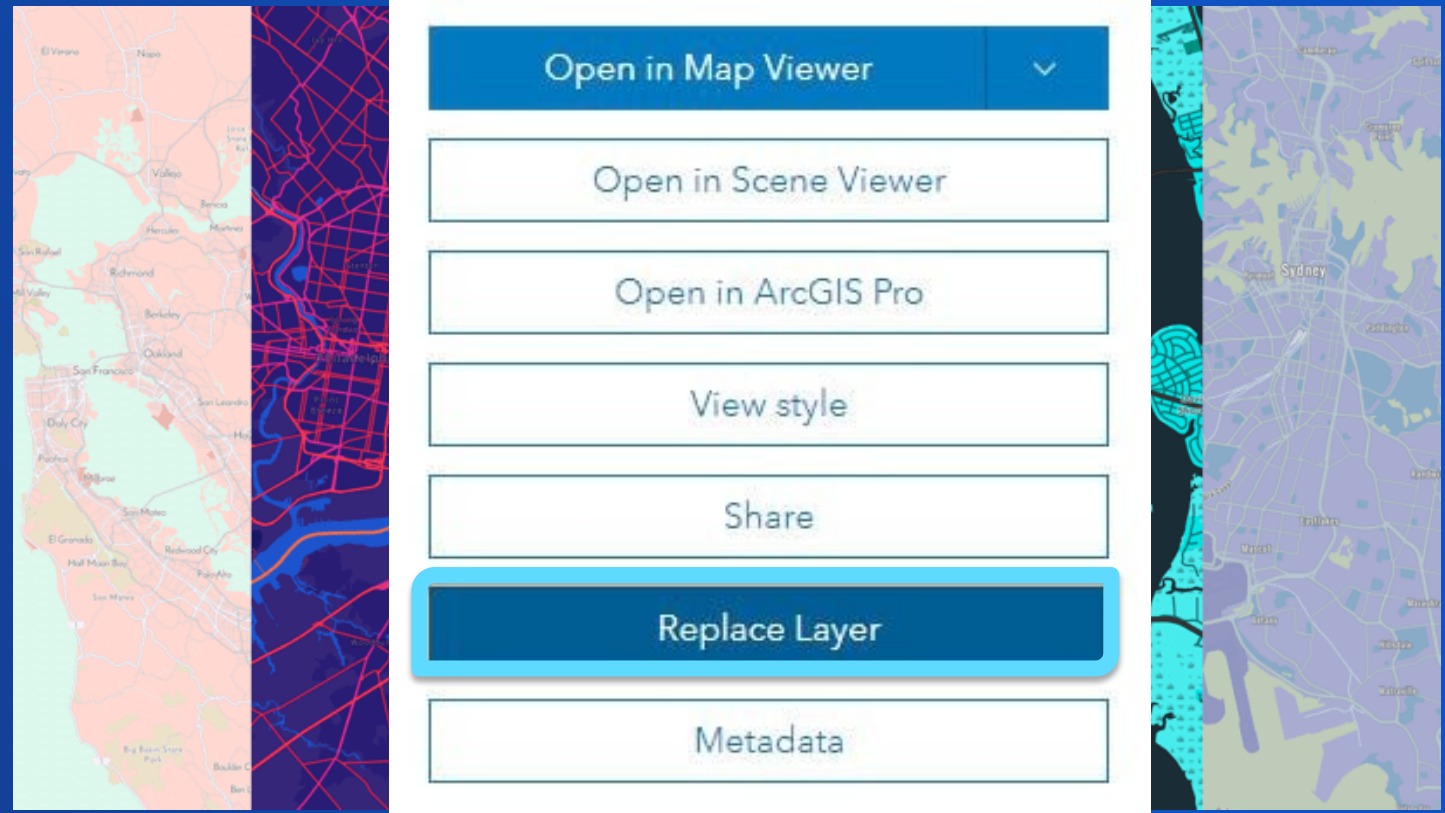


The screenshot shows a 'Privacy Policy' access notice prompt. It has a title 'Privacy Policy' at the top. The main text reads: 'In proceeding and accessing this information system, you acknowledge that you fully understand and consent to all of the terms of use as outlined in our company policy:' followed by a numbered list: '1. ABC', '2. ABC', and '3. ABC'. At the bottom right, there are two buttons: 'Decline' and 'Accept'.

Anyone accessing your Enterprise portal

Easily swap vector tile layers with new versions

- ✓ Archive current content
- ✓ Preview styles in the new version
- ✓ Correct and troubleshoot issues
- ✓ Keep the same item ID



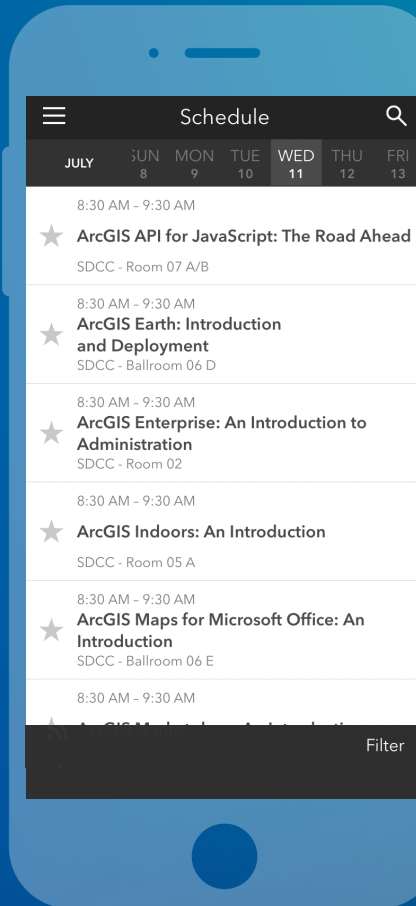
Questions ?

Please Take Our Survey on the App

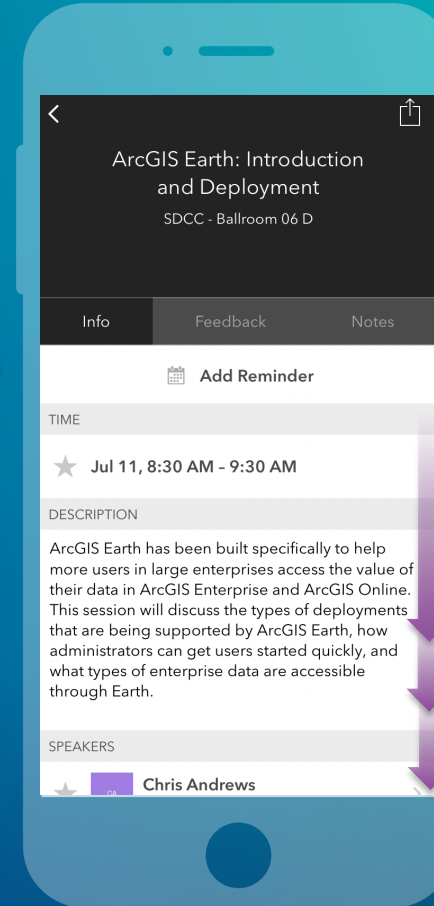
Download the Esri Events app and find your event



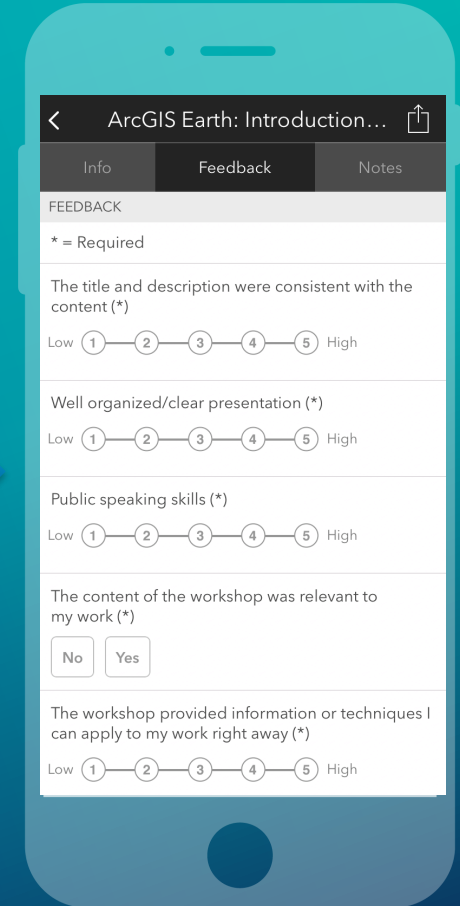
Select the session you attended



Scroll down to find the feedback section



Complete answers and select "Submit"





esri

THE
SCIENCE
OF
WHERE