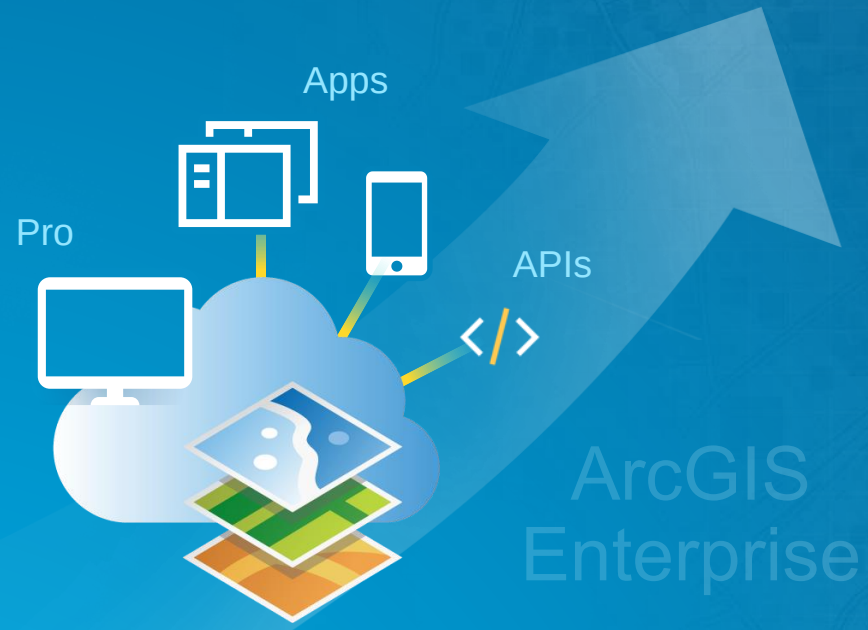
ArcGIS User Types:

An Introduction

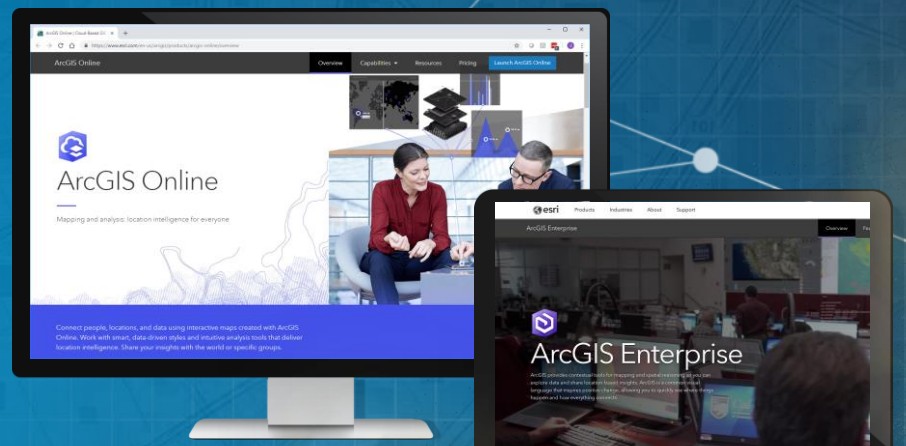
Web GIS | Mapping and Analysis for Everyone



Make Maps

Analyze Data

Share & Collaborate



ArcGIS User Types | Match the Way Your Team Works

ArcGIS Enterprise

ArcGIS Online

Identity + **Capabilities** + **Apps**

View
Edit
Analyze
Create
Share
Administer

ArcGIS User Types | Building Blocks of Your Web GIS

Viewer

Views maps and apps to inform, make better decisions, and monitor performance.

Creator

Creates maps and apps, performs spatial analyses, and shares results through ready-to-use apps.

Editor

Edits and adds spatial data to improve accuracy and currency; ensuring authoritative information.

Field Worker

Connects the field to the office using apps for real-time data collection, tasking, and operations; improving efficiency and productivity.

GIS Professional

Builds advanced maps, visualizations, and analyses empowering everyone in the organization.

ArcGIS User Types | Included Capabilities and Apps

Viewer	Editor	Field Worker	Creator	GIS Professional
Viewing	**Editing**		**Authoring**	
• ArcGIS Essential Apps	• ArcGIS Essential Apps	• ArcGIS Essential Apps • Field Apps Bundle	• ArcGIS Essential Apps • Field Apps Bundle • Office Apps Bundle	• ArcGIS Essential Apps • Field Apps Bundle • Office Apps Bundle • ArcGIS Pro

ArcGIS User Types | App Bundles

ArcGIS Essential Apps

Map & Scene Viewer

Configurable Apps & Web AppBuilder

Esri Story Maps

Operations Dashboard for ArcGIS

Field Apps Bundle

Collector for ArcGIS

Survey123 for ArcGIS

Workforce for ArcGIS

Office Apps Bundle

ArcGIS Maps for Office

ArcGIS Maps for SharePoint

ArcGIS User Types

ArcGIS Online

Viewer
$100

Creator
$500

Editor
$200

Field Worker
$350

GIS Professional
Starting at $700

Annual Subscriptions

Distributed Collaboration with ArcGIS Enterprise

John Sharrard – Solution Engineer

Terri Morganson – Account Executive

What is Distributed Collaboration?

- A way to establish trust with other deployments to share data quickly, easily and repeatedly
- Uses existing, familiar group sharing model to send content
- Can be established between ArcGIS Enterprise portals and with ArcGIS Online
- Makes your data discoverable across disparate systems

From Individuals

To Organizations

To Networks of Organizations

Benefits

- No scripting required
- Automatic synchronization
- Familiar group sharing model
- Common formats across ArcGIS
- Maintain settings in each deployment

Common use cases

"I have multiple Enterprise deployments in different geographic regions or for different departments and I want each of them to contribute their data to a central portal as a repository."

"I want to manage my data in a central portal and share the authoritative source with other deployments."

"I want to maintain my data in ArcGIS Enterprise and share it to Online for visibility and scalability with the public."

"I am working with other deployments on projects and I want to be able to share my content with them without having to script or manually export/import."

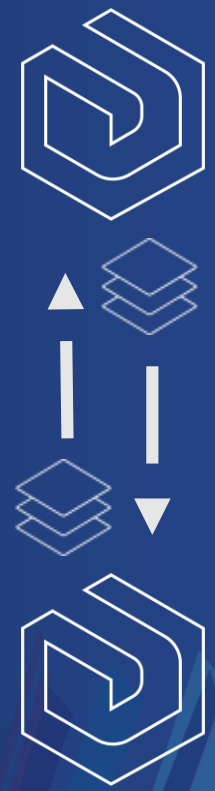
Common Patterns: One to One

ArcGIS Online

ArcGIS Enterprise

"I want to maintain my data in ArcGIS Enterprise and share it to Online for visibility and scalability with the public."

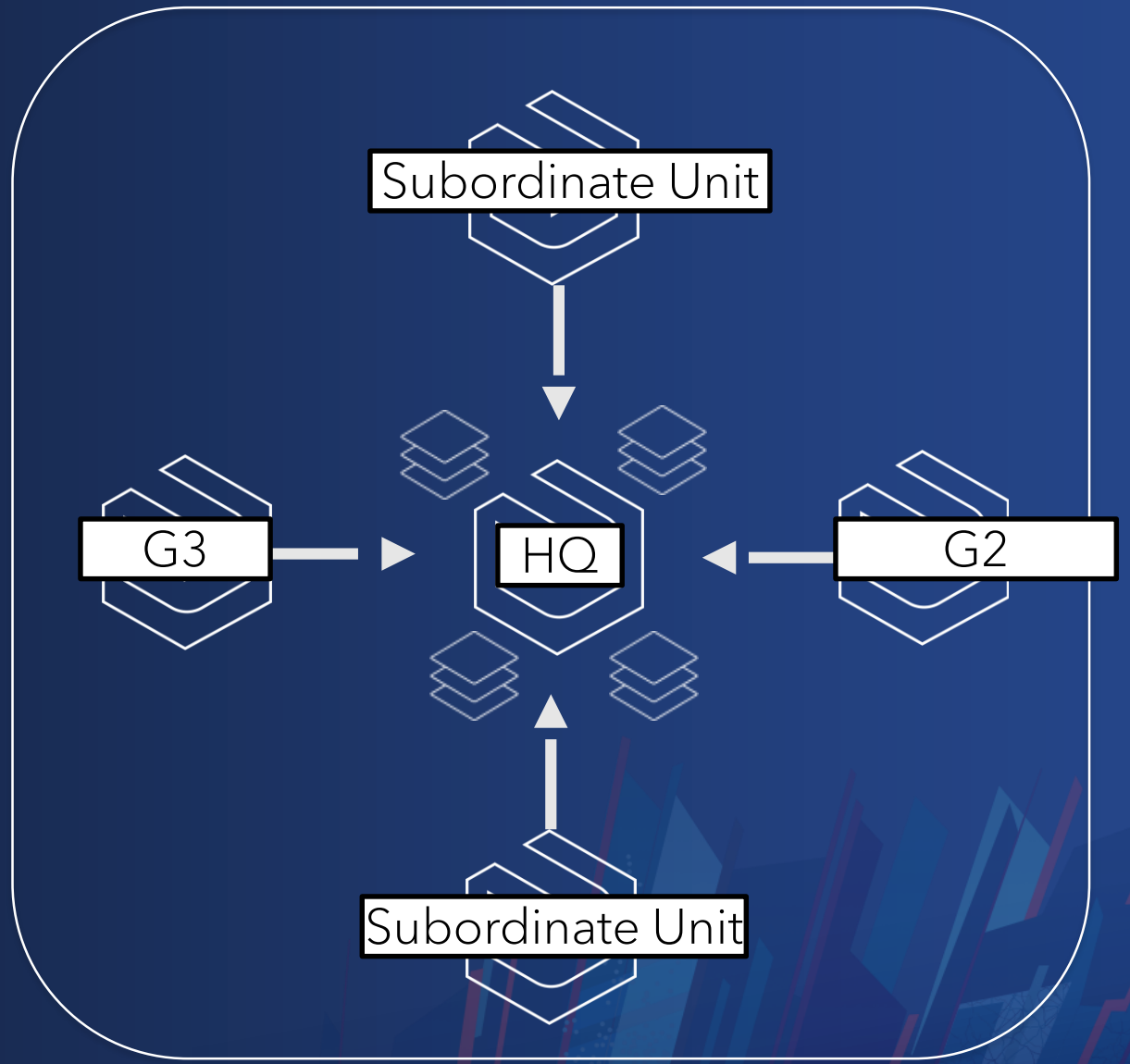
ArcGIS Enterprise



ArcGIS Enterprise

"I am working with another deployment on a project and I want to be able to share my content with them without having to script or manually export/import."

Common Patterns: Between Many

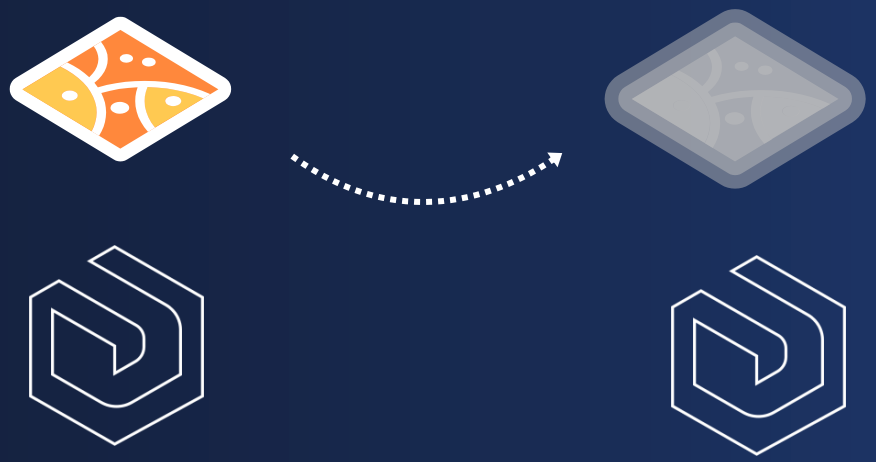


"I have multiple Enterprise deployments and I want each of them to contribute their data to a central portal."

What types of items can be shared in a collaboration?

- Hosted feature layers
- Hosted feature layer views (by reference)
- Federated feature layers
- CSVs, Word documents, Excel files
- Shapefiles
- Tile package, vector tile packages
- Web maps
- Web scenes
- Map and feature services (URLs)
- Web AppBuilder apps (at 10.6.1)
- Apps created from configurable app templates (at 10.6.1)
- …..

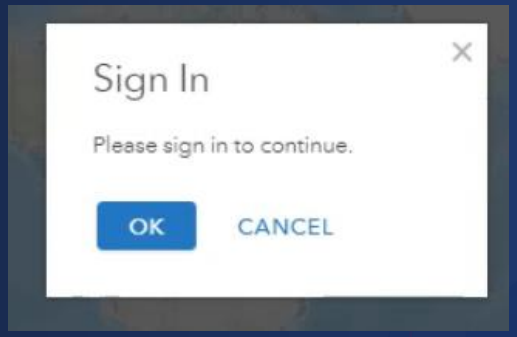
One way of sharing feature layers - by reference



Portal 1

Portal 2

- The data doesn't move; the feature layer will be a reference to the source who shared it
- The layer is accessed live, showing changes near immediately
- Recipients will need access to view the source layer (credentials)
  - Or the item can be shared with 'Everyone'



Another way of sharing feature layers - as copies

Portal 1

Portal 2

- Packages the data and creates a new hosted feature layer for your recipient
- New layers and deltas are synchronized from the owner to recipient at scheduled intervals, configured by the guest:
  - Between every 1 and 24 hours
  - For example, every day at 5pm

- *Configure your layer to send as copies:*
  - *Hosted feature layers: enable sync*
  - *Federated feature layers: Global IDs must be present on enterprise geodatabase-backed layers*

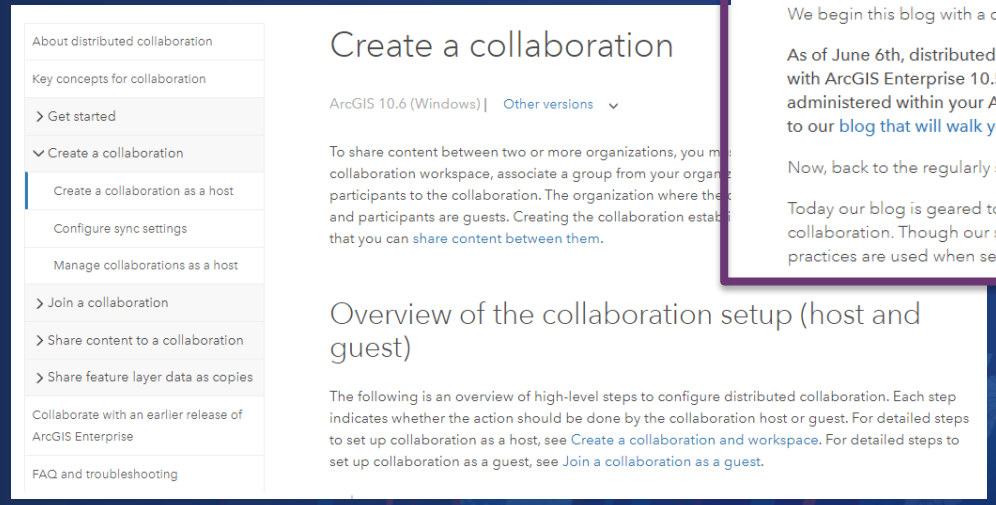
What's Coming in 10.7

- 10.7 will release:
  - Share Insights items (workbooks, pages, models)
  - Copy hosted feature layer views
  - Pause synchronization
  - Available for all ArcGIS Online organizations
    - *Ensure ArcGIS Enterprise participants are 10.5.1 and higher*

Resources

- Blogs - esri.com/arcgis-blog:
  1. Introducing an ArcGIS Online and ArcGIS Enterprise Collaboration Workflow
  2. Administering Your Collaboration – Tips and Tricks
  3. Distributed Collaboration Released!
  4. What's New with Distributed Collaboration in ArcGIS Enterprise 10.6 (and 10.6.1)

- Technical documentation:
  - ArcGIS Enterprise
  - ArcGIS Online



ArcGIS Monitor

For Internal Use Only

What is ArcGIS Monitor?

- **Esri product uniquely tailored to monitor the health of ArcGIS implementations throughout the lifecycle of a customer's enterprise GIS.**
- **Based on actual Esri Professional Services experiences**
- **Monitors both software and infrastructure components of an Esri platform implementation**
- **Compatible with ArcGIS 10.2 and newer**
- **Initial release at version 10.6, updates with soon to be released 10.7**

For Internal Use Only

ArcGIS Monitor helps customers

- **Protect GIS investments** with timely and insightful system metrics on the status, availability, usage, system performance, and resource utilization of their enterprise GIS

- **Quickly resolve issues** using alerts with real-time notifications when measurements are outside of defined system thresholds

- **Effectively communicate system information** with reports that include statistics and visualized historical data to enhance understanding among GIS, IT, business owners, and senior management

For Internal Use Only

Value to Customers

Maximize GIS Investments

- **Administrators:**
  - **Detect, diagnose, and resolve issues with availability, configuration, performance and usage**
  - **Gather actionable, quantifiable operational metrics and usage trends over time**

- **Managers:**
  - **Increase communication among GIS and IT staff and senior management**
  - **Reduce administration costs**

- **Users:**
  - **Improved performance = improved end-user satisfaction**

For Internal Use Only

ArcGIS Monitor Features and Functions

- **Holistic Monitoring of:**
  - **Web**
  - **ArcGIS**
  - **Database**
  - **Cloud**
  - **Infrastructure**
  - **Usage**
  - **GeoInfo (User Map)**
  - **Extensions**
  - **Licenses**

- **Non-Intrusive Monitoring (no agents)**
- **Metrics Collection, Analysis, Retention**
- **Actionable Reports**
- **Alerts & Notifications**
- **Compatible with ArcGIS 10.2 onwards**

Licensing Details

- Deployment and Staging licenses available
- Perpetual and Term pricing options
- Licensed Per cores of ArcGIS Server being monitored.
  - Example: if a customer wants to monitor 8 cores of ArcGIS Enterprise Advanced and 8 cores of ArcGIS GeoEvent Server, they would need to license ArcGIS Monitor for 16 cores.

ArcGIS Monitor Services Packages – Available through the EEAP

- **ArcGIS Monitor Jumpstart**
  - *Remote installation and configuration, high-level product demonstration and monitoring requirements gathering, to then be followed by 2 days onsite for configuration review and ArcGIS Monitor knowledge transfer for: configuration; administration; analysis and interpretation of monitoring outputs; custom monitoring counters and extensions, and reports.*

- **20 Hr Remote Consulting Services**
  - *20 hrs remote consulting support to interpret ArcGIS Monitor results, review a customer's ArcGIS Monitor configuration and implementation, make recommendations for adjusting configuration settings and support for deploying custom monitoring agents and extensions.*

ArcGIS Monitor Resources

- ArcGIS Monitor GeoNet
- ArcGIS Monitor Resources
- ArcGIS Monitor Help Documentation
- Esri Technical Support

ArcGISMonitor@esri.com

esri
THE
SCIENCE
OF
WHERE