ArcGIS as a Platform – Putting it all Together

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What’s covered in this session

• What is ArcGIS as a platform?
• Case Study: Volunteer bald eagle count
  - Platform empowers people
  - Components for shared mapping
ArcGIS Is a Platform

Enabling GIS Everywhere

Providing mapping, analysis, data management, and collaboration
Empower people to use and create maps
Bald Eagle Counting
Big Bear Lake, California
Case Study: People across the platform

ArcGIS Online Organization

- Alex
- Beth
- Rick
- Gina

ArcGIS Maps for Office

- Web Map
- MS Excel

ArcGIS Desktop

Browser access

Mobile clients

ArcGIS Server
Case Study 1A: Web maps allow for easy spatial data discovery
Web Map

- A map stored in ArcGIS Online or Portal for ArcGIS
  - Basemap
  - Operational layers
  - Legend
  - Scalebar
  - Optional: Bookmarks
- Layers are web layers
One map for any device
On the ArcGIS platform the web map format is ubiquitous...

One Map

Desktop

Tablets

Smart Phones

Social Media

Web Sites

Browsers

ArcGIS Online or Portal for ArcGIS
Case Study 1B: Using Maps in familiar tools…
Using what you know to “plug in” to the platform
ArcGIS maps for...

ArcGIS Online
- Maps
- Catalog
- Groups
- Content
- Services
- Hosting

Portal for ArcGIS

Microsoft Office
Case study 1C: Add content from ArcGIS for Desktop

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- MS Excel

ArcGIS Desktop

Browser access

Web Map

Web clients

ArcGIS Server
Integrate ArcGIS for Desktop capability

Authoring authoritative content…
Case Study 1D: Leverage the versatility of ArcGIS Enterprise…
Web service infrastructure
Provides an open web sharing model

- Fast
- Scalable
- Protocol rich
- Standards-based
- Secure

Dramatically Improving GIS Infrastructure
Functionality based on service types

Map
- View or query a 2D map

Feature
- Edit, view, or query features

Geocode
- Find address locations

Geoprocessing
- Run a tool or model on the server and get the results back

Image
- Provide access to raster data
Case Study 1E: Web maps and apps open client access…
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