ArcGIS as a Platform – Putting it all Together

Tom Shippee &
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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 as a platform...
Provides Geospatial Capabilities Across the Entire Organization

- Mapping
- Analysis
- Visualization

... A Framework For Sharing, and Collaboration
ArcGIS platform…
It's all about sharing

How most users experience the platform

Apps

GIS content discovery
self-service mapping

GIS portal

Web services
& data products

GIS servers
our own content

Ready to use content

Back office infrastructure

Its all about sharing
Bald Eagle Counting

Big Bear Lake, California
Case Study: People across the platform

ArcGIS Online Organization

- Featured Content
- Organization Properties
- Browser access
- Web clients
- ArcGIS Desktop
- Esri Maps for Office
- ArcGIS Server

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Case Study 1A: A GIS portal is the platform’s hub...

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ArcGIS Desktop

Esri Maps for Office

ArcGIS Server

Web clients

Beth

Gina

Browser access
Organize geospatial content

ArcGIS Online Organization: A common user interface

- User and content management
- Cataloging & searching
- Grouping & access control
- Hosting of GIS services
- Accessing subscription services

ArcGIS Online Organization: A common user interface

. . . A New Architecture
. . . For Managing and Providing Easy & Secure Access
GIS portal information model

Users

Groups

Items

Tags

Own or join

Organize and secure

Search

Own

Index
Hosting services online

Custom GIS services without the GIS server....

- **Publishing**
  - Tiled or editable features supported
  - Easy ArcMap sharing interface

- **Access**
  - Universally available on the web
  - Groups all for secured configuration

- **Administration**
  - No server to buy and maintain
  - Scale resources as needed
Case Study 1B: Web maps and apps open client access…

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- Gina

Browser access

Web clients

ArcGIS Desktop

Esri Maps for Office

ArcGIS Server
One map for any device
On the ArcGIS platform the web map format is ubiquitous...
Case Study 1C: Location analytic integrates maps into familiar tools…

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Browser access

Web clients

ArcGIS Desktop

ArcGIS Server

Esri Maps for Office

MS Excel
Location Analytics
Geo-Enable the Enterprise with Esri’s Open Mapping Platform

Break Down Silos
Increase Collaboration
Using what you know to “plug in” to the platform

Esri maps for…

ArcGIS Online

Portal for ArcGIS
Case Study 1D: Sharing the power of ArcGIS Desktop
Integrate desktop capability

Authoring authoritative content…
Case Study 1E: Leverage the versatility of ArcGIS for Server...
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: People across the platform

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ArcGIS as a Platform - Putting it all Together
Thank you...

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