ArcGIS Online for Organizations

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ArcGIS is a Complete System
Managing and working with geographic information

- Online
- Server
- Desktop
- Mobile/devices
- Content

Many deployment options – In the cloud and on-premises
The Mapping Platform for Your Organization

- Create interactive maps
- Share with your organization
- New opportunities and insight
- Quick & easy
ArcGIS Online

- Phones
- Tablets
- Browsers
- MS Office

- Embedded
- Users
- Groups
- Maps
- Spreadsheets

- ArcGIS Server / Desktop
- ArcGIS Web Services

- API
Web Maps Can Be Used Everywhere
Enhancing access and collaboration

One map, many devices
ArcGIS Online’s Value to an Organization

- Unlocking geospatial assets via secure sharing and collaboration
- Works with existing investments in the system
- Organizing and managing data
- Documenting ownership
- Cross platform & multiple device support
- Expanding infrastructure needs
- Works as enterprise software
- API’s
- Ready to use content and apps
ArcGIS Online Implementation

Configure the Site

Create Useful Map Products

Organizational Assessment
ArcGIS Online Demo
How Do You Get Started?
Content is Key

1. **Basemaps**
   - Used to create web maps and applications

2. **Foundation Content**
   - Essential map layers and web applications required by the user community

3. **User Contributed Content**
   - User generated content including web maps, layer packages, and web apps
Create Useful Map Products

- Desktop
- Tablets
- Smartphones
- Websites
- Browsers
- Social media
- ArcGIS Online
ArcGIS Online Demo
Creating Useful Map Products
A Platform for Building Custom Applications
Web, mobile, and desktop

- Application developers can work with …
  - Users, groups, and content
  - Searching, sharing, and collaboration tools
  - Online or on-premises portals
- Web APIs and Mobile SDKs
- ArcGIS Online API (REST)
Implementation Patterns
#1 Add Context to Your Data

Use ArcGIS Online Basemaps …

ArcGIS for Server

Your Business Data

ArcGIS Online

Basemaps

Web Maps

Imagery, Topographic, Streets, Oceans, Physical, Elevation, Canvas, Thematic…

… a secure and cost-effective approach
#2 Reach Mobile and Web Users

One service, multiple clients and devices

It's easy with Web Maps!
ArcGIS for Server

Your Business Data
#3 Provide a New Experience for Your GIS Services

Accessible to the non-GIS user

ArcGIS for Server

Your Business Data

Find Maps
Use Maps
Create Maps
Share Maps
#3 Provide a New Experience for Your GIS Services

Accessible to the non-GIS user

Web Maps

ArcGIS for Server
Your Business Data

Microsoft Office

Map Galleries

Embedded Maps

SharePoint

Mobile Devices
ArcGIS Server allowed me to make complex things possible…

… combined with ArcGIS Online I can make this information more accessible and broaden the use of my investment within my organization
#4 Add Search, Save, and Share to Your Apps
Powered by Web Maps
#4 Add Search, Save, and Share to Your Apps
Powered by Web Maps

Easily extended using the Web APIs and Mobile SDKs
#5 Host GIS Services

Quickly and easily publish your data

ArcGIS Online

Hosted GIS Services

Your Business Data

Reach all users, clients and devices … … without any IT investment
#5b Host *Non-Sensitive* GIS Services

Use cloud hosting where it makes sense

**ArcGIS Online Hosted Services**
*Non-Sensitive Business Data*

**ArcGIS for Server**
*Sensitive Business Data*
Hosted GIS Services and ArcGIS Server Services in 2012

What should you consider?
- Is the organization ready to use a cloud service that involves moving business data into the cloud?
- Can specific data sets be moved to the cloud?
- Can I use ArcGIS Online to meet our SLA requirements?
- Could we reduce infrastructure and administrative costs?
- Could we use ArcGIS Online to quickly expand infrastructure?
- Can we relieve the complexity of launching new simple public web mapping initiatives?
Security and Data Ownership

- Secure design principles – app, network, facilities, ops
- Secure/certified cloud infrastructure
- Secure user authentication
- You retain ownership
- Configurable application security
- On-premises options for advanced security
Portal for ArcGIS

ArcGIS Online for On-Premises Installation

- **System Requirements**
  - Windows 2008, Red Hat, SUSE (64-bit)
  - Minimum 2 Cores, 2GB of RAM
  - Supports virtualized hardware

Single Machine

Multiple Machine

High-Availability
Securing Portal for ArcGIS

Sign In with Your Enterprise Identity / Account

Enterprise Identity Store
(e.g. Active Directory, LDAP)

More advanced security configurations to planned for 2012 and 2013
ArcGIS Online Deployment Options

All online to completely disconnected

Cloud ← Intranet → Basemaps → портал → Сервер → Cloud → Enterprise
Additional User Engagement Activities

• Consider…
  - Planning the organizational rollout
    - Training
    - Priorities
  - Keeping in touch with users/power users
  - Preparing services
  - Authoring web maps
  - Evolving workflows
  - Seeking executive sponsorship
ArcGIS Online – Focus Areas for next 12 months

- Organizational Enhancements
- Web Map, Feature and Tile Enhancements
- Tabular Data Support
- Security
- Location and Network Analytics
- Hosted Spatial Analysis / Geoprocessing
- Dynamic Mapping
- Imagery
Organizational Enhancements

• Federation with Enterprise Identity Systems
• Configuration and Administration enhancements
• Administrator controlled backups
Website, Webmap and Viewer Enhancements

- Support for Tables
- Support for Definition Queries
- Enhanced chart types
- Support for authoring presentations
- Editable layer properties
- Enhanced support for Mobile browsers
- Enhanced Image Layers
- Spatial Analysis UI
Hosted Tile and Feature Enhancements

- Ability to create hosted tiles from hosted features
- Ability to create a tile service from an uploaded tile package
- Sync - Support for Mobile Devices
  - Edit features while disconnected and sync when connected
  - Extract and download tile packages for use when disconnected
Spatial Analysis and Geoprocessing

- Geoprocessing - key vector and raster functions
- Variety of UI's including:
  - Template applications
  - Traditional analysis menu
  - Web based 'model builder' that allows users to compose their own workflows
Additional ArcGIS Online Presentations

• Tech Sessions
  - Best Practices for Publishing and Sharing – 1:30
  - ArcGIS Online Content – 3:15 Wednesday
• Demo Theatre – Many! Check the Schedule
• Online Island
ArcGIS Online Resources

- Product Info
  http://www.esri.com/software/arcgis/arcgisonline
- Help System
- Video’s
- Blog
- Forums
- 30-day trial
Steps to evaluate UC sessions

- My UC Homepage > “Evaluate Sessions”

- Choose session from planner
  OR

- Search for session

www.esri.com/ucsurveyssessions
• Thank you for attending
• Please fill out the evaluation:

  www.esri.com/ucsessionsurveys