ArcGIS Online: The Road Ahead

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ArcGIS comes with Apps – Running on browsers, phones, and tablets

- Collector for ArcGIS
- Operations Dashboard for ArcGIS
- Explorer for ArcGIS
- ArcGIS Viewer
- Web AppBuilder for ArcGIS
- ArcGIS Open Data
- Story Maps for ArcGIS
- Esri Maps for Office
- ArcGIS Templates
- Excel
- PowerPoint
- SharePoint
- Salesforce
- Dynamics CRM
- MicroStrategy
- Cognos
- SAP

My essential mapping apps

Mapping my business data

... Discover, make, use, and share maps across your organization
ArcGIS comes with Content
Portal

- Manage
  - People
  - Content
  - Administration
  - Sharing & Security
Cloud Resources

- Storage
- Hosted Services
- Computing Power
2011

- Share Map Packages
- Social Media Sharing
- Identify
- Ratings and Comments
- Popups
- Printing
- Mobile Browser Support
- KML, Shapefiles and WMS
- Web Apps
- Measuring Tools and Bookmarks
- CSV and GPX

2012

- Multiple Language/Regions
- Editing Control and Tracking
- ArcGIS Portal API
- Subscriptions w/Hosted Services
- status.arcgis.com
- Esri Maps for Office
- City Engine
- Filters and Tables
- Secure Server Services
- Print services

2013

- Collector & Dashboard
- Demographic, Lifestyle and Landscape data
- developers.arcgis.com
- Enterprise Logins
- Analytics
  marketplace.arcgis.com
- Favorites & Gallery
- Copy/Save Layers
- Copy/Delete Protection
- Custom Geocoding Services
2014

- **Custom Roles** w/Credit Services
- Additional Analysis
- Geocoding match and rematch
- New Symbol and Map Note Templates
- Single Sign on for the Platform
- **Offline Maps**

- **Browser-based Ops Dashboard**
- More Templates
- **Activity Dashboard**
- Open Data
- Trust.arcgis.com
- FISMA
- New Organization administration features

- Search w/I features
- Build Presentations
- Explorer (+MAC)
- Labels
- Related Tables in Pop-ups
- Import/Export Geodatabase

4 Major Releases...

- March
- July
- September
- November
Improved Mapping
A Better Self-Service Mapping Experience

- Intelligent thematic layers
- Suggest best options at every step

- Proportional symbology
- Continuous color ramps
- Dot density
- Clustering
  - **Heat** maps
Better Reporting
User-level Reports and Activity Dashboard
Activity Dashboard demo
Richer Social Media Sharing

Twitter

Facebook
Custom Web Apps in Minutes
Web App Builder

- Pure HTML/JavaScript
- Build once, run anywhere
- No programming required
- 30+ widgets
- Fully integrated into the platform

30+ Widgets
Improved Offline Workflows
Pre-planning for Data Collection

1. Pre-cache map areas
2. Download prepared map areas
3. Disconnect and Edit
4. Connect and sync
3D

- Hybrid approach
- Features in Web Scenes
- 10.3
- Includes Simple Services
Data Management

Calculate Fields

Hosted Feature Layers
- Add fields
- Modify aliases
- Create domains

Hosted Tile layers
- Tiles from features
- Update by extent
- Update existing layer/service using tile packages
Metadata

Edit and view formal Metadata

Search against federated geo-portals
Stream Layers

- Tracking Moving Objects
- Sensors
Analysis

Trace Downstream  Watershed  Viewshed
AND MORE ....

• Templates – 3D, Solutions
• GeoJSON – Import, Export, Item Type
2015
March, July, September, November
Dynamic Map Services

- Rendering many features in the map
- Complex labeling
- Keep feature data private – view only
Social Features

- Following
- Notifications
- Comments
Replication

- Storage on multiple devices
- Synchronization of data between ArcGIS Online Hosted Services and multi-user geodatabases
3D

- Hosted
Field Assistant

- Track workforce
- Assign tasks
- Improve Communications
- Locate and Contact Others
- Receive and Complete Tasks
Apps

My essential mapping apps

Mapping my business data

**Field Assistant**
- Track workforce
- Assign tasks
- Improve Communications
- Locate and Contact Others
- Receive and Complete Tasks

**Navigator**
- Navigate to your own points
- Navigate on your own network
- Works Offline
**Field Assistant**
- Track workforce
- Assign tasks
- Improve Communications
- Locate and Contact Others
- Receive and Complete Tasks

**Navigator**
- Navigate to your own points
- Navigate on your own network
- Works Offline

**Plus**
- Collector w/custom forms
- Crowd Sourcing Apps

Apps
My essential mapping apps
Mapping my business data
Analysis

- Integrate into ArcGIS Online
- Use analysis tools quickly, easily, and intuitively
  - Discover relationships, patterns, and trends
  - Answer questions in a meaningful way
- In 2015:
  - Grouping
  - Explore Correlations
  - Re-run Analysis
  - Raster

How many crimes have occurred within each of my city’s police districts?

How many potential customers do I have within 1, 5, and 10 miles of my business location?
Related Roadmap Sessions:

- Content
- GeoCoding
- Network Analysis
- Location Analysis
- Apps / Mobile
- Open Data

www.esri.com/events/user-conference/agenda
THANK YOU!

• Please fill out the session survey:

  Wednesday’s ID:  1250
  Thursday’s ID:  1361

Online – www.esri.com/ucsessionssurveys
Paper – pick up and put in drop box
Understanding our world.