Configuring ArcGIS for State Government

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Agenda

- Introduction
- Configuring the solution
- What’s next
- Get started
ArcGIS as a Platform

Knowledge Workers
Executive Access
Public Engagement
Work Anywhere
Enterprise Integration
Professional GIS
Web GIS

Making mapping and location aware apps available across your organization

Transforming the role of GIS
ArcGIS for State Government

A solution for Esri’s government customers

- Series of useful maps and apps focused on government work
  - Organized into modules
  - Extensible, configurable
  - Freely available and fully supported
  - A foundation for Partner solutions

- Community of users
  - Best Practices / Implementation Support

- Network of Esri Services and Partner offerings
  - Help users implement, sustain and enhance

... available on-premise or in the cloud
Our Mission ▶ To help you...
Transportation 511
Transportation 511
InfoSummary Widget + Script

- Designed for use by DOT
  - Communicate status

- InfoSummary Widget
  - Exploring feature details
  - Feature Counts
  - Configurable list of feature details
    - Can be grouped (optional)
  - Display point features as clusters
Configure InfoSummary
Transportation 511
InfoSummary Widget + Script

- **Python Script**
  - Refresh hosted feature collections
  - Python 2.7 or Python 3.4
  - Publisher rights in your ArcGIS Online organization
Configure Update Script
Transportation 511
InfoSummary Widget + Script

• Designed for use by DOT
  - Communicate status

• InfoSummary Widget
  - Exploring feature details
  - Feature Counts
  - Configurable list of attributes from each feature
  - Display point features as clusters

• Update script to refresh hosted feature collections
Environmental Analysis
Environmental Analysis
understand the potential impact of activities on the natural environment

• Geoprocessing tools
  - Analysis Tools
    - Basic Proximity
    - Distance
    - Feature Comparison
  - Report Tools
    - Analysis Summary
    - Impact Report

• ArcGIS Pro Tasks
• Sample Models
• Layout Templates (*.pagx)
Configure
Environmental Analysis
Environmental Analysis
understand the potential impact of activities on the natural environment

- Geoprocessing tools
  - Analysis Tools
    - Basic Proximity
    - Distance
    - Feature Comparison
  - Report Tools
    - Analysis Summary
    - Impact Report

- ArcGIS Pro Tasks
Wildlife Photo Survey
Wildlife Photo Survey

- Helps Fish and Wildlife departments leverage photos collected from camera traps in the wild
- Expedites photo processing using custom GP tools
- Streamlines the collection of information from wildlife photos
Photo Survey Components

- Photos
- Photo Survey Toolbox
- ArcGIS Online Portal for ArcGIS
- Organized in to maps for each survey
- Accessible to constituents in Photo Survey app
- Monitored by organization (operational dashboards)

......available as a hybrid solution
My Health Services

- Make information about health services easily accessible to the public
- Allow constituents to find health services organized by service type
- With a simple web application, allow your constituents to search by location and be presented with a list of health services near that location
Near Me Widget

- My Health Services is a configurable web application that utilizes the Near Me widget.
- Near Me allows users to search for features within a defined distance of an address or location, then discover more information and get directions to those features.
Incentive Zones
Incentive Zones

• Promote economic development by making information about incentive zones easily accessible
• Present incentive zone information in geographic context
• Attract businesses by making it easy for them to quickly discover and take advantage of incentive zones
Information Lookup

- Leverage your existing data
- Publish your data as a feature service, then build and configure a web map
- Share the web map using the Information Lookup web application template on ArcGIS Online
- Information Lookup app can be hosted on ArcGIS Online, or downloaded and hosted internally
- The finished application can stand alone, or can be easily embedded in your government website
ArcGIS as a Platform

Making mapping and location aware apps available across your organization
Getting Started

- Identify the business needs of your organization
- Select a configuration pattern that makes sense for your organization
- Configure quickly, customize if necessary
- Leverage ArcGIS Online web application templates
- Don’t hesitate to ask for help from
  - Esri, Partners, Peers

solutions.arcgis.com
The Community ➤ It’s not just about the technology
Road Ahead

Environment and Natural Resources
- Wildlife Identification, Invasive Species Mapping, Park Infrastructure/Facilities, Land Ownership/Leasing, NEPA Citizen Notification

Economic Development
- Property Registration, Event Registration

Health
- Restaurant Inspections (New config)
- Well and Septic Inspections

Emergency Management
- Logistics and Infrastructure Dashboard, Emergency Management Maps, Humanitarian Solutions, Disaster Resilience and Capacity (DFID, FEMA), Community Impact Assessment, Critical Infrastructure Mapping, Watch Officer Dashboard, 3D Situational Awareness

GIS/IT
- PLSS, Community Boundaries, Executive Dashboard

- Implementation across new ArcGIS offerings
Find us at UC

• Local Government Special Interest Group
  - 12:00 Today in Room 04
• Solutions Area in the Expo

• Recommended Sessions
  - Today at 3:15 PM in Room 15B:
    Environment and Natural Resources Maps and Apps for State Government
  - Thursday at 3:15 PM in Room 30E:
    Economic Development Maps and Apps for State and Local Government

Tonight! Tonight! Tonight!
Social at the Hilton Bayfront Promenade
5:30 pm – 7:00 pm
Find us at UC

- Demo Theatres --- Demo Theater 10

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<th>Wednesday</th>
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<td>11:30 Configuring Election Polling Places &amp;</td>
<td>9:30 Deploying the Economic Site Selector</td>
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<td>Early Voting</td>
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<td>12:30 Configuring Live, Work, Locate and</td>
<td>10:30 Environmental Analysis Solution: An</td>
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<td>Incentive Zones</td>
<td>Overview</td>
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<td>1:30 Configuring My Elected Representative</td>
<td>11:30 Integrating Property Data with your Site</td>
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<td>and Election Results</td>
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<td>2:30 Configuring Park Locator</td>
<td>1:15 Leveraging ArcGIS Solutions Service</td>
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<td>3:30 Configuring Photo Survey</td>
<td>Catalogs</td>
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<td>4:30 Deploying 3D Scenes</td>
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Thank You

http://solutions.arcgis.com/state-government

http://www.linkedin.com/groups?gid=5114903

@ArcGISStateGov

http://esri.github.com

Please fill out the survey using the Esri Events app
solutions.arcgis.com