ArcGIS for State Government – Configuring the Solution

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Agenda

• Introduction

• Why are we doing this?

• Solution Offering

• What’s Next?

• Your Feedback
ArcGIS as a Platform

Knowledge Workers
Executive Access
Public Engagement
Work Anywhere
Enterprise Integration

Making Mapping and GIS 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.....
Deploying ArcGIS for State Government

- Organizational Needs
- Industry Specific Needs
- General GIS Platform Needs

ArcGIS Solutions
- Focused Maps and Apps
- DIY Consulting
- 3rd Party Apps

Your project...
Configuration Patterns

- Influential factors
  - Deployment time
  - Technical expertise
- Where do you start?
  - With your business requirements
  - Align them with maps and apps
  - Review system configuration patterns
- Configuration patterns
  - Publish and adopt
  - Code and customize

...embrace an agile implementation approach
Publish and Adopt

**Step 1:**
Create publication database
- Configure GDB schema
  - Add fields, features
  - Configure domains
  - Set spatial reference

**Step 2:**
Load production data
- Create ETL Scripts
  - Set source / target
  - Schedule scripts
  - Migrate production data

**Step 3:**
Author the maps
- Configure maps
  - Adjust scale dependencies and def queries
  - Validate label expressions
  - Publish basemaps and map services

**Step 4:**
Deploy the apps
- Configure the mobile and web apps
  - Add basemaps and map services
  - Adjust extents
  - Configure popups

Supported by Esri Support Services
Step 1: Setup your GDB Schema
- Add fields, features

Step 2: Publish the maps
- Repair map layers (source and symbology)
- Adjust scale dependencies and def queries
- Validate label expressions
- Publish map services

Step 3: Customize the apps
- Customize the apps
- Add map services
- Adjust extents
- Configure popups

Publish your own mobile and web apps

Configure your GDB schema
- Add fields, features

Configure maps
- Repair map layers (source and symbology)
- Adjust scale dependencies and def queries
- Validate label expressions
- Publish map services

The Developer Pattern
Configuration Options

- Service Configuration
- Hybrid Configuration
- ArcGIS Online Configuration
Configuring Web Apps

• Anatomy of the web apps
  - Javascript / HTML 5 apps
  - REST, GP, and Geometry Services, Web Maps
• Can be configured quickly
  - CSS and standard .js configuration file
• Deployed on state web servers
• Example
  - Park Locator and Permit Status
Demo

Configuring Web Apps
Implementations
What's Next?
Continuously Evolving Solution Offering
Road Ahead
Post UC Plans

New Maps and Apps:
- Environmental Protection - Environmental Impact Assessment, Permit Status (hosted)
- Transportation - Crash Analysis
- Economic Development – Site Selection, Trip Planner
- GIS/IT – New Locator App, Address Consolidation Workflow
- Policy – Policy Support App
- Emergency Management
- Crowd Sourcing/Constituent Engagement

Growth across the platform:
- Web App Builder, Web Application Templates, ArcGIS Pro
The Community
It’s not just about the technology
Summary

- 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
- Participate in the community
  - Join our LinkedIn Group
- Don’t hesitate to ask for help from
  - Esri, Partners, Peers
Thank You

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

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

@ArcGISStateGov

http://esri.github.com
Thank you…

• Please fill out the session survey:

  Offering ID:  1442

  Online – www.esri.com/ucsessionsurveys
  Paper – pick up and put in drop box