ArcGIS for Local Government
Address Maps and Apps

Scott Oppmann
Allison Muise
Agenda

- Introduction
- Solution Offering
- Community
- What’s Next
- Your Feedback
ArcGIS
A Complete System for Geographic Information

- Visualize
- Create
- Collaborate
- Discover
- Manage
- Analyze

Cloud
Online
Enterprise

ArcGIS Solutions
- Local Government
- State Government
- Utilities
- Defense
ArcGIS for Local Government

A solution for Esri’s local government customers

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

- An online community
  - Best Practices / Implementation Support

- A network of Professional Services and Partner offerings
  - Help users implement, sustain and enhance

Available on-premise and in the cloud
Our Mission

Help increase the value of GIS in local government organizations

- Make it easier to deploy ArcGIS
  - Deliver applications quickly throughout your organization
  - Stay current with future releases / avoid legacy technology
  - Create a platform of geospatial data that can be leveraged by many

- Address common constraints in local government
  - Size and skills of staff
  - Budget and time available to implement

- Empower the community to contribute
  - Users
  - Partners
ArcGIS for Local Government

Changing the way GIS is deployed

...reducing time, risk and cost so GIS is easier to deploy and maintain
Address Maps and Apps

Simplifying address management in local government

• Address Data Management
  - ArcGIS for Desktop editing map that supports the maintenance of road centerline, facilities, site addresses and related postal addresses
    - Focused tools and add-ins
    - Flexible information model and Feature Templates

• Data Reviewer for Addresses
  - Preconfigured batch job (.rbj) files used to improve address data quality

• Community Addressing
  - Constituent engagement app that helps improve address content and quality
Demonstration
**A System View**

Deploying ArcGIS for Local Government

- **Centralized Information Model**
- **Standard basemaps**
- **Common Feature / Map Services**

- **Water Utilities**
- **Land Records**
- **Public Safety**

Accessible from Maps and Apps website

- Mobile Apps
- Web Apps
- Printed Maps

Cataloged in ArcGIS Online

- Centralized Information Model
- Standard basemaps
- Common Feature / Map Services
Local Government Information Model

- Supports maps and apps
  - Known local government requirements
  - Easy to adopt and extend
- Address standards incorporated
  - NENA (E911 content)
  - USPS (Postal address structure, domains, etc.)
  - FGDC (Additional content check)
- Fully documented
  - Features, layers and packages
- Central repository, organized around thematic content and logical permission model
Configuration Patterns

• Influential factors
  - COTS and configurable solutions strategy
  - Deployment time
  - Technical expertise

• Three configuration patterns
  - Complete system adoption
  - Publish and adopt
  - Sample code and customize

• Where do you start?
  - With your business requirements
  - Align them with maps and apps
  - Review system configuration patterns
The Community
Local Government Community

A destination for the community to learn and collaborate
Local Government Community

An ongoing dialog where users can learn from peers and share their success stories
Local Government Community

There's a place where developers can contribute too

Esri is on GitHub!

We're excited about helping developers build and share software. Browse our open source code and get started with our powerful ArcGIS platform.

BROWSE ON GITHUB

Filter by language or keyword:

- park-and-recreation-finder
  - JavaScript
  - An application that allows citizens to locate park and recreation opportunities in their community

- public-safety-cop
  - ActionScript
  - A collection of Flex widgets used in the Public Safety COP application to provide a common operational picture of an incident

- local-government-online-apps
  - JavaScript
  - Esri's ArcGIS for Local Government team's online resources
What’s Next
Continuously Evolving – With 10.2

• Updated maps and apps
  - Address Data Management
  - Community Addressing

• New address locators
Continuously Evolving – Post 10.2

• New Maps and Apps
  - Administrative Boundary Management

• Refined Information Model
  - NextGen 911 standards

• Community Address Initiative
  - Statewide Aggregation Solution

• Continued Community Engagement
  - Meetups, videos, more help, etc.
  - New solution site
  - Expanded partner and professional services offerings
Closing

- Deliver a “local government GIS” that enables success
  - Easier to deploy and sustain

- Evolve and grow the collection of apps

- Develop a community of users

- Provide a platform for partners to deploy their solutions
Questions

Please fill out the session evaluation

Offering ID: 1423

Online – www.esri.com/ucsessionssurveys

Paper – pick up and put in drop box

@ArcGISLocalGov

http://www.meetup.com/ArcGIS-for-Local-Government/

Thank you...