Address Maps and Apps for State and Local Government

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Agenda

• Introduction

• Solution Offering

• What’s Next

• Your Feedback
ArcGIS as a Platform

Simple, Open, and Configurable

Knowledge Workers
Executive Access
Public Engagement
Work Anywhere
Enterprise Integration

Professional GIS

Making Mapping and GIS Available Across Your Organization

Transforming the Role of GIS

Address Maps and Apps for State and Local Government
ArcGIS for State and Local Government

Solutions 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....

• Deliver maps and applications quickly throughout your organization

• Stay current with future releases / avoid legacy technology

• Deploy a geospatial platform that can be leveraged by many

• Leverage the collective knowledge of the entire community

• And do this with....less staff, budget, and technical expertise
ArcGIS for Local Government
Address Maps and Apps
Address Maps and Apps
Simplifying Address Data 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
  • Standard Locators

• 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
Show Me!
Address Maps and Apps
Local Government Information Model

• Supports maps and apps
  • Local government requirements
  • Easy to adopt and extend

• Fully documented
  • Features, layers and packages

• Address standards incorporated
  • NENA (E911 content)
  • USPS (Postal address structure, domains, etc.)
  • FGDC (Additional content check)
How do I get started?

Leverage solution offerings to maximize technical expertise and minimize deployment time

1. Select a configuration pattern
   a) Complete system adoption
   b) Publish and adopt
   c) Sample code and customize

2. Deploy quick wins
   a) Align with key business requirements
   b) Select one or more focused maps and apps
   c) Configure your mapping platform
   d) Deploy the focused maps and apps
   e) Iterate....
What’s Next?

Meeting the needs of the larger community
The Road Ahead
Meeting the needs of the larger community

• **Data Aggregation**
  • Tools and methods for aggregating address information from authoritative sources
  • Locators and geocoding tools

• **Address Data Management Online (v. 2.0 or v. 3.0....)**
  • Simple info products that compliment address workflows
    • Markups, field address verification, etc.
  • ArcGIS Online configuration for address data management
Address Data Aggregation

Demonstration
Community Addresses

How does it come to life?

- Authoritative address data from data custodians

Single Community Address layer

Leverages Esri’s address data management solution...

...and supports other data management workflows

Seamless address information products, locators, etc.
Community Contributor Workflow

Ex. City to County, County to State

**Step 1: Configure Tool**

- Single Input Address Layer
- Local FIPS code
- Fields to be mapped
- AGOL credentials
- Save settings (for future runs)

**Step 2: Run Tool**

- Run Manually - Ad-Hoc
- Schedule
Community Aggregator Workflow

Ex. County/State performs aggregation

Step 1 : Configure Field Mapper
- Single Input Address Layer
- Local FIPS code
- Fields to be mapped
- Save settings (for future runs)

Step 2 : Configure Aggregator
- Multiple Input Address Layers
- Save Settings (for future runs)

Step 3 : Run Tools
It's a Process
Continuously Evolving Solution Offering

- **Existing Solution Enhancements**
  - ArcGIS for Desktop tools

- **Administrative Boundary Data Management**

- **New Address Standards**
  - NENA, FGDC, etc.
The Community
It's not just about the technology

Destination where governments can collaborate

Place where developers can contribute too

Ongoing dialog to share success stories and learn from others
Closing

• Deliver a “state and 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
Thank you…

http://solutions.arcgis.com

http://meetup.com/ArcGIS-for-Local-Government/
http://links.esri.com/stategovernment/linkedin

@ArcGISLocalGov
@ArcGISStateGov

http://esri.github.com

Please fill out the session survey:

Offering ID: 1330

Online - www.esri.com/ucsessionsurveys

Paper - Pick up and place in drop box