ArcGIS for Local Government: An Introduction

Christian Carlson
Scott Oppmann
Lindsay Thomas
Agenda

- Introduction
- The Local Government Community
- Local Government Maps and Apps
- ArcGIS for Local Government System
- What’s Next
- Your Feedback
ArcGIS for Local Government

A product for Esri’s local government customers

- A series of useful maps and apps focused on local government work
  - Organized into modules
  - Extensible, configurable
  - A foundation for Partner solutions

- Participation in the online community
  - Best Practices / Implementation Support

- Esri Services and Partner offerings
  - Help implement, sustain and enhance

- One ArcGIS product for local government
  - Freely available for individual customer and ELA engagements

.....available on-premise or in the cloud
Our Mission

Help you increase the value of GIS in your organization

• 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 you deploy GIS

Your Needs

Organizational Needs

Industry Specific Needs

General GIS Platform Needs

ArcGIS Platform
(Desktop, Mobile, Server, Online)

DIY

3rd Party Apps

Consulting

...traditional GIS approaches no longer viable... slow, risky and expensive
ArcGIS for Local Government

*Changing the way you deploy GIS*

...reducing time, risk and cost so GIS is easier to deploy and maintain
ArcGIS for Local Government

Empowering a local government through a common ArcGIS system

- Decision making
- Transparency
- Accountability
- Communication
- Planning

...desktop, web and mobile apps with meaningful maps and layers supported by single information model
Five Common Business Patterns

- **Asset Management**
  - Managing and distributing authoritative GIS data

- **Planning & Analysis**
  - Transforming data into actionable information

- **Field Mobility**
  - Getting information into and out of the field

- **Operational Awareness**
  - Providing information on the health of an organization

- **Citizen Engagement**
  - Communicating directly with stakeholders and enlisting their participation

Land Records, Public Safety, Planning, Public Works, Utilities...
Local Government Community

An online community where Local Government users and partners can collaborate

www.resources.arcgis.com/content/local-government
Local Government Maps and Apps (Demo)

- land records
- planning development
- transportation
- public works
- public health
- elections voting
- public safety
- recreation conservation
- conservation
- transportation
A System View

Deploying ArcGIS for Local Government

Access from Maps and Apps website

Citizens

Water Utilities

Land Records

Public Safety

Access from ArcGIS.com

- Mobile Apps
- Web Apps
- Printed Maps

- Editing Maps
- Map Services
- Mobile Apps
- Web Apps

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

Access from ArcGIS.com
Local Government Information Model

- Supports maps and apps
  - Known local government requirements
  - Easy to adopt and extend
- Fully documented
  - Features, layers and packages
- Central repository, organized around thematic content and logical permission model
- Organized access/maintenance patterns
  - GDB replication, layers and services
- Safe FME support (coming this summer)
Implementing ArcGIS for Local Government

Getting started is quite easy

- Identify business priorities
- Identify business requirements
- Migrate data to information model
- Publish your Maps
- Configure and deploy the apps
Configure vs. Customize

Reduce cost, time and risk

Benefits
- Implement quickly
- Easy to add new features
- Simple to maintain
- Easy to extend

……your feedback affects future releases
What’s Next

Additional maps and apps

- **Public Works / Water Utilities**
  - Stormwater Assessment
  - Sign Inspection for iOS
  - Snow Response

- **Planning & Development**
  - Address Maintenance
  - Community Planning
  - Parks and Recreation Finder
  - Well / Septic Permitting
  - Operations Dashboard

- **Land Records**
  - Operations Dashboard
  - Tax Parcel Viewer (v.2)

- **Elections**
  - Voter Registration

- **Public Safety**
  - Flood Response / Management
  - Severe Weather Siren Management
  - EM Maps
  - Hydrant Map Book
  - Pre-Fire Planning
  - Fire Incident Command
  - Fire Risk Assessment
  - Crime Analysis
  - EM COP (v.2)

- **Constituent Engagement**
  - Service Request for HTML 5
  - Community Service Catalog

- **Management**
  - Executive Dashboard
  - Transparency
What’s Next

*Productizing the ArcGIS for Local Government system*

- Quarterly release schedule
- Online Help documentation
- On-premise offering
  - Simple to install and configure
- Cloud offering
  - Synchronized w/ 10.1 Release
- Complimentary Partner offerings
  - ArcGIS for Local Government Partner Specialty
Summary

• Our Goals
  • Deliver a “local government GIS” that enables your success
  • Evolve and grow the collection of apps
  • Provide a platform for partners to deploy their solutions

• We want your participation and involvement
  • Download the maps and apps
  • Provide feedback on existing content
  • Identify opportunities for new content
Other Sessions @ UC

**Tuesday**

10:15 - 11:30 - ArcGIS for Local Government - Engaging your Citizens  
   An introduction to ArcGIS for Local Government's citizen engagement applications

1:30 - 2:45 - ArcGIS for Land Records - An Introduction  
   An introduction to the ArcGIS for Local Government land records module

3:15 - 4:30 - ArcGIS for Land Records - Parcel Maintenance Solution  
   An introduction to the Esri's Parcel Maintenance solution at ArcGIS 10

**Wednesday**

8:30 – 9:45 – ArcGIS for Land Records Implementation Examples  
   An overview of the implementations by the Cities of Calgary and Denver

10:15 – 11:30 – ArcGIS for Land Records - Migrating Your Data  
   An introduction to the Parcel Fabric data model and data migration strategies

1:30 – 2:45 – ArcGIS for Public Safety - An Introduction  
   An introduction to the ArcGIS for Local Government public safety module

3:15 - 4:30 - ArcGIS for Public Safety - Configuring  
   How to configure the ArcGIS for Local Government public safety maps and apps

3:15 - 4:30 - ArcGIS for Water Utilities - An Introduction  
   An introduction to the ArcGIS for Local Government water utilities module
**Other Sessions @ UC**

**Thursday**
8:55 - 9:15 - ArcGIS for Local Government's Planning Apps - An Introduction
   An introduction to the ArcGIS for Local Government planning and development module
10:15 - 11:30 - ArcGIS for Water Utilities - Configuring
   How to configure the ArcGIS for Local Government water utilities maps and apps
1:30 - 2:45 - ArcGIS for Land Records - Configuring
   How to configure the ArcGIS for Local Government land records maps and apps
3:15 - 3:35 - ArcGIS for Local Government's Election Apps - An Introduction
   An introduction to the ArcGIS for Local Government election module
4:05 - 4:25 - ArcGIS for Land Records - Improving Data Quality
   An introduction to a set of ArcGIS Desktop Parcel Editor tools to improve parcel accuracy

**Friday**
9:00 - 10:15 - ArcGIS for Local Government – An Introduction (Second Offering)
   An introduction to the ArcGIS for Local Government maps and apps
Questions

Please fill out your surveys

www.esri.com/sessionevals

@ArcGISLocalGov

arcgisteamlocalgov@esri.com