ArcGIS for Local Government: An Overview

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Agenda

• Introduction

• The drivers behind this initiative

• What is ArcGIS for Local Government

• What’s Next?

• Your Feedback
Extending the platform with Solutions
Ready to use maps and apps that make implementation easier and sustainable

ArcGIS for Local Government

Local Government Information Model

Editing Workflows

Models/Charts

Mobile Apps

Web Apps

Basemaps

ArcGIS for Local Government
Common Goals

- healthy communities
- quality education
- robust public services
- diverse cultural opportunities
- safe communities
- sustainable environment
- smart growth
- thriving economy

ArcGIS for Local Government: An Overview
Common Challenges

• Budget
• Doing More with Less
• Technical Breadth
• Domain Expertise
• Support for Existing Systems
A common experience....

- Standard set of base maps
- Hardcopy map production
- Mobile damage assessment
- Common Operational Picture
- Public information maps and apps
“In the belief that every agency or government program business process is unique, program managers have historically favored the development of highly customized IT solutions over commercial off-the-shelf (COTS) products or cloud-based business services. More often than not, the presumed uniqueness of a business process is overstated. Taking the time to decompose and document processes with a business process management (BPM) methodology will identify business functions where variability is low and common practices (and software applications) can be shared.”


Gartner
Configure First and Customize Only When Necessary
I've got a mouse trap photo that might work better here.
100 billion apps have been downloaded from the App Store
$30 billion have been paid out to developers so far
850 apps are downloaded every second
The average person has 119 apps
1.5 million apps are now available on the App Store
195,000 educational apps are available on the App Store to customers
Realtor.com, Truila, Zillow.....
What are we doing to help?
ArcGIS as a Platform
Simple, Open, and Configurable

Knowledge Workers
Executive Access
Public Engagement
Work Anywhere
Enterprise Integration

Professional GIS
Web GIS
ArcGIS

Making Mapping and GIS Available Across Your Organization

Transforming the Role of GIS
ArcGIS for Local Government
Esri solutions for local government customers

- Series of useful maps and apps focused on local government work
  - Configurable and extensible
  - Freely available and fully supported
- Community of users
  - Best Practices / Implementation Support
- Network of Esri Services and Partner offerings
  - Help users implement, sustain and enhance
ArcGIS for Local Government

Our mission is 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
Common Implementation Approach

• Establish a Location Platform for your organization
  - Maintain accurate and up to date information
  - Make your data accessible
  - Integrate with key business systems

• Leverage the common patterns of GIS Implementation
  - Location Enablement
  - Data Management
  - Analysis
  - Operational Awareness
  - Constituent Engagement
  - Field Mobility

• Maximize your investment by delivering solutions that serve your organizations priorities
Making an Impact

More than 350K downloads
Over a 140 downloads/day
Show Me!
ArcGIS for Local Government
An ArcGIS System for Local Government

- Central groups
- Common services
- Standard basemaps
- Information model

Citizens

- Embedded maps
- Mobile apps
- Web apps
- Open data

Fire Department

- Functional groups
- Editing maps
- Services
- Mobile apps
- Web apps
- Dashboards

Assessor’s Office

Public Works

- Embedded maps
- Mobile apps
- Web apps
- Open data
Configuration Patterns

- Influential factors
  - COTS and configurable solutions strategy
  - Deployment time
  - Technical expertise
- Where do you start?
  - With your business requirements
  - Align them with maps and apps
  - Review system configuration patterns
- Three configuration patterns
  - Complete system adoption
  - Publish and adopt
  - Code and customize

...embrace an agile implementation approach
The Community
It's not just about the technology

Destination where government's can collaborate

Place where developers can contribute too

Ongoing dialog to share success stories and learn from others
What’s Next?

ArcGIS for Local Government
July 2015 Release

- New offerings
  - Capital Project Planning, Public Land Survey Editing, Citizen Problem Reporter, Event Calendar, Crowdsource Polling

- Enhancements to existing offerings
  - Crowdsource Reporter, Crowdsource Manager, Briefing Book, Park Locator, Site Selector

- Support and maintenance
  - Add-ins, Toolboxes and Scripts, Information Model, Service Catalog, Symbology, Solution Site
Road Ahead
Post UC Plans

- New maps and apps
  - Elections – Polling Places, Election Results, My Representative
  - Land Records – Real Estate / Comp Finder, Land Bank, Next Generation Tax Parcel Viewer
  - Planning – Photo Survey, Regulatory / Development Review (3D)
  - Public Safety – Pre-Incident Planning, Special Events, Situational Awareness
  - Public Works – Signaled Intersections, Pavement Management, Capital Project Tracking

- Incorporate additional platform offerings
  - ArcGIS Pro, Web App Builder, GeoEvent Processor, ArcGIS Apps

- Continued Community Engagement
  - Meetups, videos, and solution site improvements
  - Expanded partner & professional services offerings
UC Events

• ArcGIS for Local Government Sessions
  • Seven different tech workshops

• Special Interest Group
  • Wednesday Lunch

• Solution Island
  • Focused conversations / support
Thank you...

http://solutions.arcgis.com

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

@ArcGISLocalGov

http://esri.github.com

Please fill out the session survey:

Mobile – Esri Events UC mobile app

Paper – Pick up and place in drop box