ArcGIS for Local Government: An Introduction

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Agenda

- Introduction
- ArcGIS for Local Government Solution
- The Local Government 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
- Transportation
- Environment
Place to Live and Work

Enjoy acres of parkland, majestic lakes and rivers, and vibrant urban centers in one of the most livable cities in America.
What challenges are we addressing?
Common Challenges

• Resource Constraints
  - Budget
  - Doing More with Less
  - Technical Breadth
  - Domain Expertise

• Support Requirements
  - Custom Solutions
  - Today’s information user

• Sharing and Collaborating
  - Discovery
  - Organization
  - Usability
  - Relevance
Supporting the Enterprise: Domain Expertise
Supporting Custom Applications
Supporting Evolving Expectations
Common Experience
Common Experience

- Land Records
  - Parcel Boundary
  - Parcel Lines
  - Line Length -- Parcel Lines
  - Subdivisions
  - Subdivision Text
  - Acreage Text
  - Dimensions
  - Easement Text

- Administrative
  - County Boundary
  - City Limits
  - OverLay Zones
  - LandUse2004
  - Landuse2009
  - Future Land Use Plan
  - Voter Precincts
  - Fire Fee Districts
  - TownShip
  - Elementary School Districts
  - Middle School Districts
  - High School Districts
  - Agricultural District
  - Sanitary District
  - Postal
  - Jurisdiction Text
  - Zoning
  - NC House Districts
  - Electoral Districts
  - Voting Tabulation District
Common Experience
New Expectations
New Expectations

- Focused Apps
- Clean User Interface
- Intuitive
- Relevant and useful
- Device support
- Good Cartography
- Rapid Deployment
- Variety
- Discoverable
ArcGIS

• A Complete System for Geographic Information

ArcGIS Solutions
• Local Government
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ArcGIS for Local Government

A complete GIS platform

- A series of useful maps and apps focused on common work flows and information requirements
  - Organized into modules
  - Extensible, configurable
  - A foundation for Partner solutions

- An online community
  - Best Practices / Implementation Support

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

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

Help increase the value of GIS in state 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 government
  - Size and skills of staff
  - Budget and time available to implement

• Empower the community to contribute, share and collaborate
  - Users
  - Partners
ArcGIS for Local Government Solution

Access from Maps and Apps website

Citizens

- Mobile Apps
- Web Apps
- Printed Maps

Water Utilities

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

Land Records

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

Public Safety

Access from ArcGIS.com
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
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  (NOT the GDB!)
  - Align them with maps and apps
  - Review system configuration patterns
What’s Next

Solution Offering

• Model Online Implementation
  - Roles, Groups, Information Products, Configurable Apps, etc.
• Quarterly Releases
  - Improved help documentation, videos, etc.
• Complimentary Partner offerings
  - ArcGIS for Local Government Partner Specialty
What’s Next
Additional Maps and Apps

- Public Safety
  - Fire Incident Command
  - Cell Phone Analysis/Investigation
- Planning and Economic Development
  - Site Selection/Economic Gardening
  - Well and Septic Permitting
- Land Records
  - Field Assessment
  - Operations Dashboard
- Public Works and Water Utilities
  - Capital Project Coordination
  - Stormwater Assessment
  - One Call
  - Capital Planning (Roads)
  - Sign Inspection
- Management
  - Executive Dashboard
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
ArcGIS for Local Government
UC Sessions

Click Here
Questions

Please fill out your surveys
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