ArcGIS for Local Government: An Overview

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Agenda

• Introduction
• Why?
• Solution Offering
• What’s Next
• Your Feedback
Using ArcGIS to understand and mitigate challenges

- Housing Forecasting
  - Austin, TX

- Urban Design
  - Frisco, TX

- Redevelopment
  - Detroit, MI

- Childhood Obesity and Poverty
  - Denver, CO

- Property Appraisals
  - Ohio

- Tax Assessment
  - Quebec, Canada

- Walkability Score
  - Kirkland, WA

- Redevelopment
  - Detroit, MI
GIS in Local Government

Current State

• Departmental Operations
  • Sophisticated mapping and analysis
  • Integrated with business systems and processes
  • Used to run government operations and allocate resources

• High Visibility Initiatives
  • Smart City
  • Open Data and Transparency
  • Resiliency
  • Performance Management
  • Civic Engagement
GIS in Local Government

Common Challenges

• Incomplete implementations
  • Do not leverage the full platform
  • Not integrated across broad spectrum of business units

• Limited to one or, a few, departments
  • Strong in Public Works or Land Records...weak everywhere else

• Expansion challenged by resource constraints
  • Organization structure, technical expertise, etc.
  • Responsive instead of proactive solution delivery

• Little use of sophisticated GIS capabilities
  • Spatial analysis, resource allocation, routing, performance measurement
ArcGIS as a Platform

Simple, Open, and Configurable

- Knowledge Workers
- Executive Access
- Public Engagement
- Work Anywhere
- Enterprise Integration

Transforming the Role of GIS

Making Mapping and GIS Available Across Your Organization
ArcGIS for Local Government
Solutions for Esri’s government customers

- Collection of useful maps and apps
  - 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

.....Available on-premise or in the cloud
ArcGIS for Local Government

• Deliver maps and applications quickly throughout their organization
  • Roadmap for standard capabilities, improve service delivery, expand reach, innovation....

• Stay current with future releases / avoid legacy technology
  • Save time and money, leverage new ArcGIS offerings, focus on complex or unique problems....

• Unlock geospatial platform so it can be leveraged by many

• Leverage the collective knowledge of the entire community
  • Best practices, industry tradecraft....
Starting a Movement

More than 500K downloads
ArcGIS for Local Government

SHOW ME!
How do I get started?
Leverage solution offerings to maximize technical expertise and minimize deployment time

- Deploy quick wins
  - Configure your mapping platform
  - Align with strategic business needs
  - Implement one or more focused maps and apps
  - Organize your data
  - Iterate.....
It’s a Process
CONTINUOUSLY EVOLVING SOLUTION
What’s New

June 2017 Release

• New offerings that support strategic initiatives like
  • Homelessness
  • Opioid Epidemic
  • Blight Remediation / Neighborhood Revitalization
• Enhancements to existing offerings
  • Crowdsourcing tools / scripts
  • Community Address / Parcels
  • Shadow Impact Analysis
  • Visibility Assessment
  • ArcGIS Solution Deployment Tool
Road Ahead

Post UC Plans

• New maps and apps
  • Public Safety – Community Events (v. 2.0), Public Crime Maps, Warming / Cooling Centers
  • Public Works – Mobility / Vision Zero, ROW Permitting, Capital Project Planning Enhancements
  • Blight Remediation – Blight Early Warning
  • Planning / Econ Development – Permit Status, Public Notification (v. 2.0)
  • Executive – Performance Management

• Simplify adoption
  • New deployment approaches, simplified information model

• Incorporate additional platform offerings
  • ArcGIS Hub / Open Data, ArcGIS Pro, Workforce, Insights
Join the Community

It’s not just about the technology
Closing

• Deliver a “local government GIS” that enables your success
  • Easy to deploy and sustain
  • Respond to strategic initiatives
  • Maximize technical expertise

• Evolve and grow the collection of apps

• Develop a community of users

• Provide a platform for partners to deploy their solutions
UC Events

• ArcGIS for Local Government Sessions
  • Ten tech workshops
  • Thirteen demo theatre sessions
• Special Interest Group
  • Wednesday lunch for LG
• State and Local Government Social
• Solution Island
  • Focused conversations / support

Search for: “ArcGIS for Local Government”
http://www.esri.com/events/user-conference/agenda
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Complete Answers and Select “Submit”
Thank you

Be innovative, aware, and know you are not alone

🔗 http://solutions.arcgis.com/#Local-Government
👥 http://meetup.com/ArcGIS-for-Local-Government/
🔗 @ArcGISLocalGov
🔗 http://esri.github.com