ArcGIS for Land Records: Configuring

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Agenda

• Introduction
• The Local Government Information Model
• Configuring the Land Records Maps and Apps
• Summary
• Your Feedback
ArcGIS for Local Government

* A product for Esri’s local government customers

- A series of useful maps and apps focused on public safety 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 project…

ArcGIS for Local Government

…reducing time, risk and cost so GIS is easier to deploy and maintain

Your Needs

Organizational Needs

Industry Specific Needs

General GIS Platform Needs

ArcGIS Platform (Desktop, Mobile, Server, Online)

Focused Maps & Apps
Harmonized information model

DIY

3rd Party Apps

Consulting
Local Government Information Model

- Supports public safety map and app requirements
  - Traditional and non-traditional apps
  - In the context of larger local government model
- 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
- Easy to adopt and extend

Safe FME support coming this summer....
Local Government Basemaps

_Standard set of basemaps that support land records desktop, web and mobile apps_

- Parcel (Public Access)
- Tax Map
- Imagery Hybrid
Adopting the Local Government Information Model

Many ways to leverage the land records maps and apps

Adopt the Information Model

- Convert

Can use all maps and apps
Tools (GP and FME) to help you get there
Can incrementally add new maps and apps
Services Packages available if needed

Use it as a Publishing Model

- Scheduled ETL

Can use basemaps, web apps, and mobile apps
ETL required to sync content with your GDB
Incorporate editing workflows over time
Implementing the Information Model

Getting started is quite easy

- Create Empty Development GDB
  Use LPK and Data Dictionary / Configure as necessary

- Migrate Schema to RDBMS
  Only required for multi-user editing and feature services

- Migrate data to information model

- Validate MXDs and Toolboxes

- Publish map services
  Cache basemaps
Local Government Information Model

Scott Oppmann
Land Records Maps and Apps

- Tax Parcel Editing
- Tax Parcel Map Book
- Parcel Value for iPhone
- Tax Parcel Viewer
- Value Analysis Dashboard
Tax Parcel Editing
Parcel Value for iPhone
Maps and Apps Wrap Up

• Configuration don’t customize
  • Implement quickly
  • Easy to add new capabilities
  • Simple to maintain
  • Easy to extend
  • Reduce Risk/Time/Cost
  • Sustainable

...Configuration starts at the data model
Summary

• **Our Goals**
  - Deliver a “land records 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
Please fill out your surveys....

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