Esri International User Conference | **San Diego, CA**

Technical Workshops | **7/14/2011**

ArcGIS for Land Records: Configuring

Scott Oppmann

Lindsay Thomas

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**

Basemaps

Web Apps

Local Government Information Model

Models/Charts

Editing Workflows

Mobile Apps
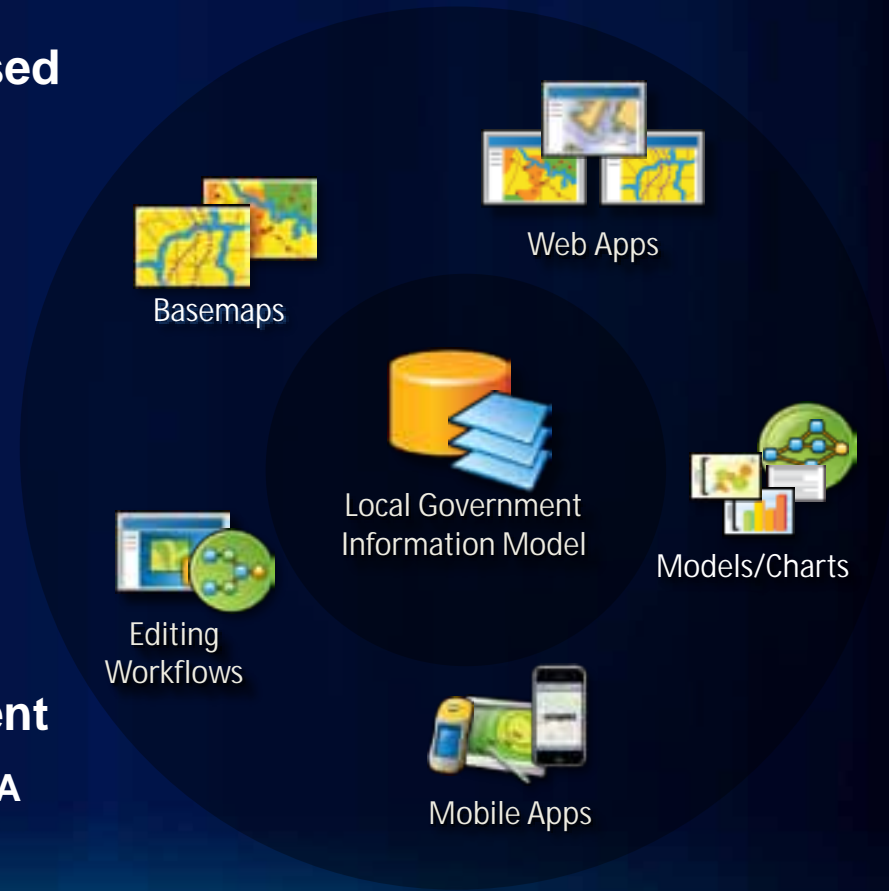
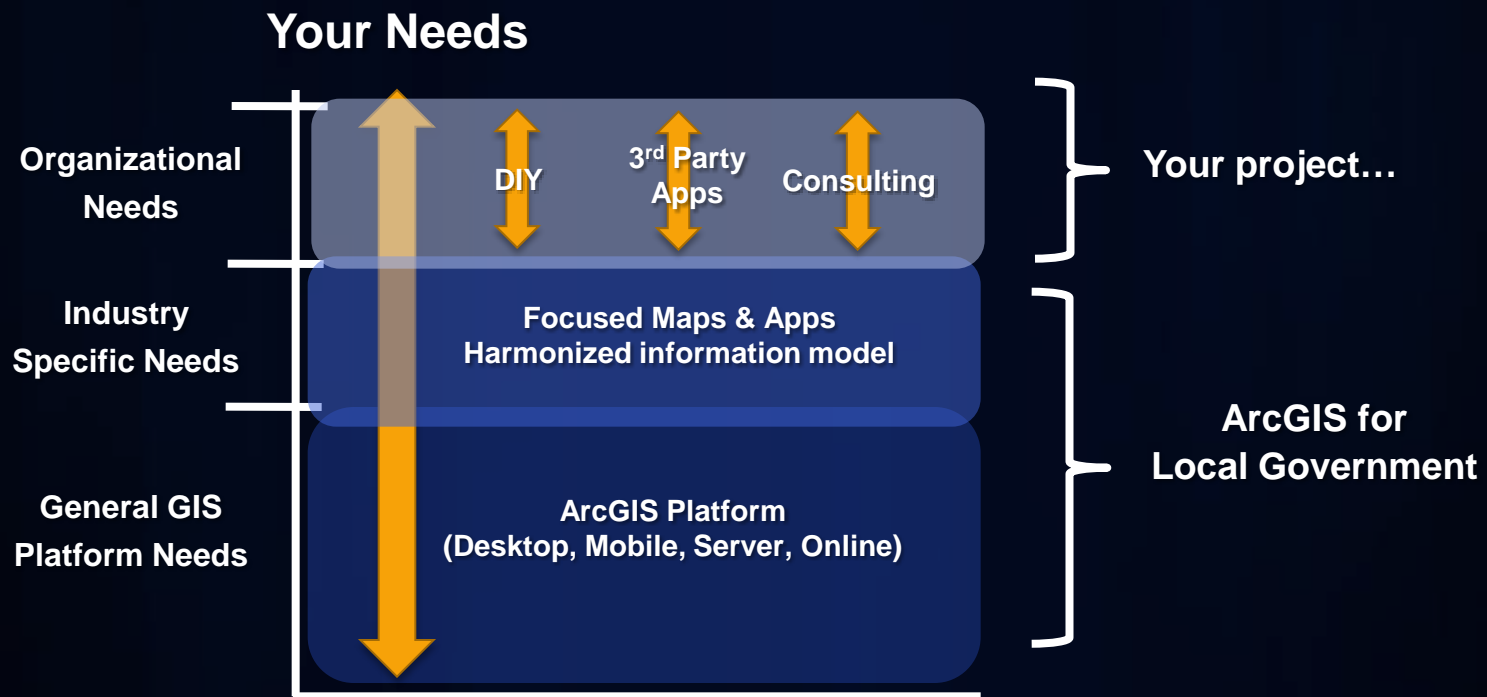*…..available on-premise or in the cloud*

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

DIY

3rd Party Apps

Consulting

Focused Maps & Apps
Harmonized information model

ArcGIS Platform
(Desktop, Mobile, Server, Online)

Your project…

ArcGIS for
Local Government

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

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….
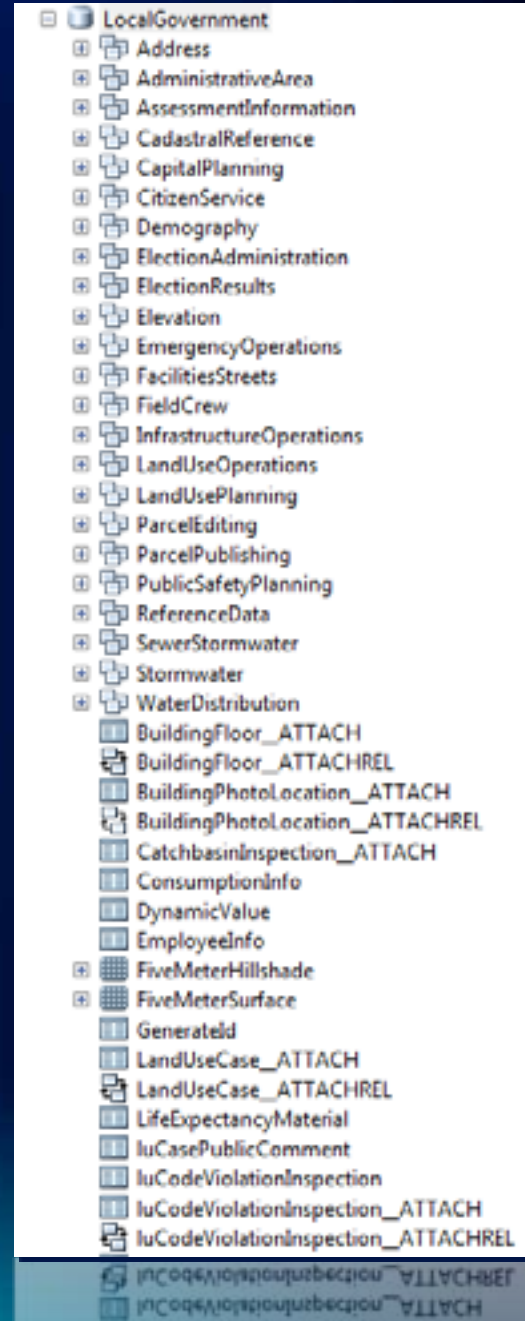
Local Government Basemaps

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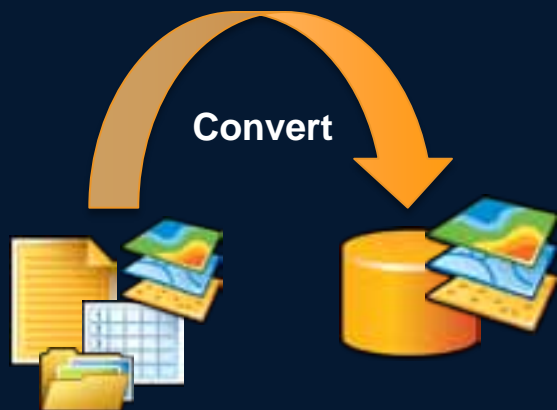
Can use all maps and apps
Tools (GP and FME) to help you get there
Can incrementally add new maps and apps
Services Packages available if needed

Use it as a Publishing Model

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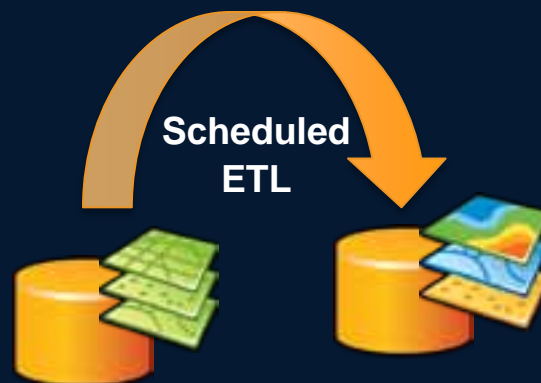
Can use basemaps, web apps, and mobile apps
ETL required to sync content with your GDB
Incorporate editing workflows over time

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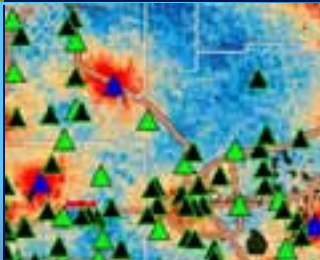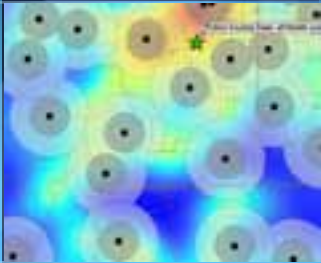
Tax Map Book
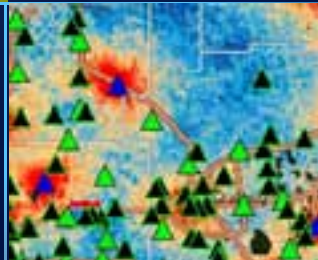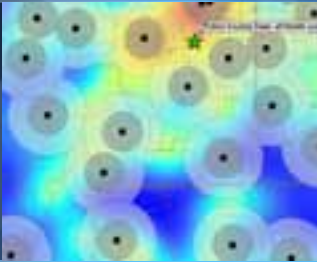
Parcel Value for iPhone
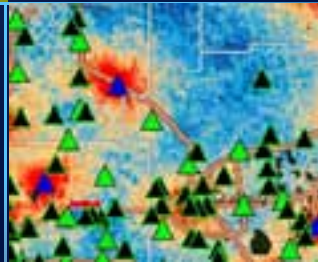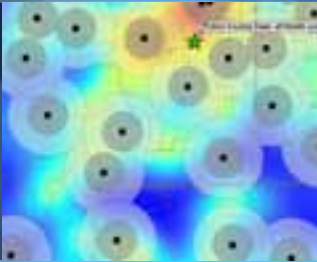
Tax Parcel Viewer
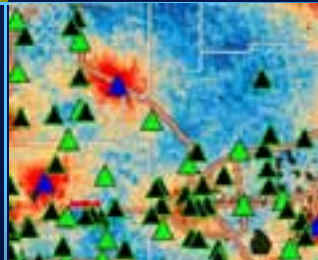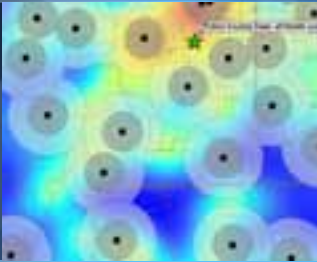
Value Analysis Dashboard
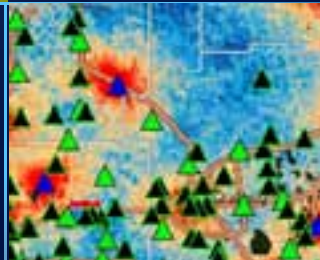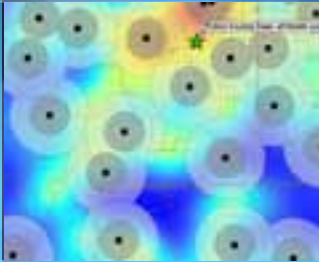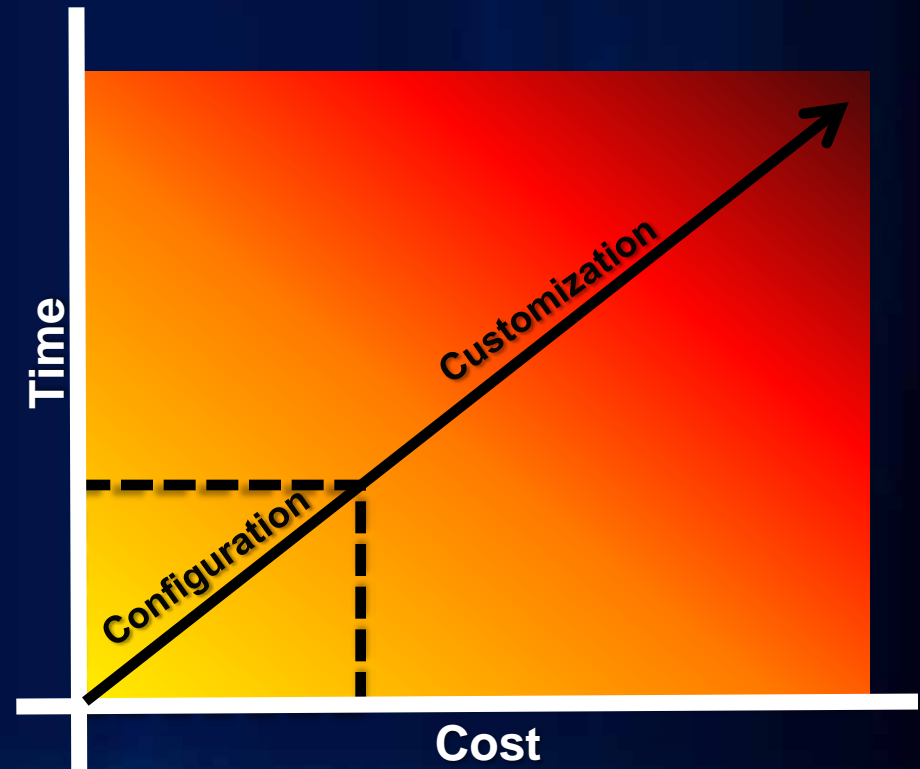
Maps and Apps Wrap Up

- **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**

Questions

Please fill out your surveys….

www.esri.com/sessionevals

@GISPublicSafety

arcgisteamlocalgov@esri.com