Esri International User Conference | **San Diego, CA**
Technical Workshops | **July 12, 2011**

ArcGIS for Land Records:
An Introduction

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Agenda

- **Introduction**
- **The Land Records Community**
- **Land Records Maps and Apps**
- **ArcGIS for Local Government System**
- **What's Next**
- **Your Feedback**

ArcGIS for Local Government

A product for Esri's local government customers

- **A series of useful maps and apps focused on local government 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
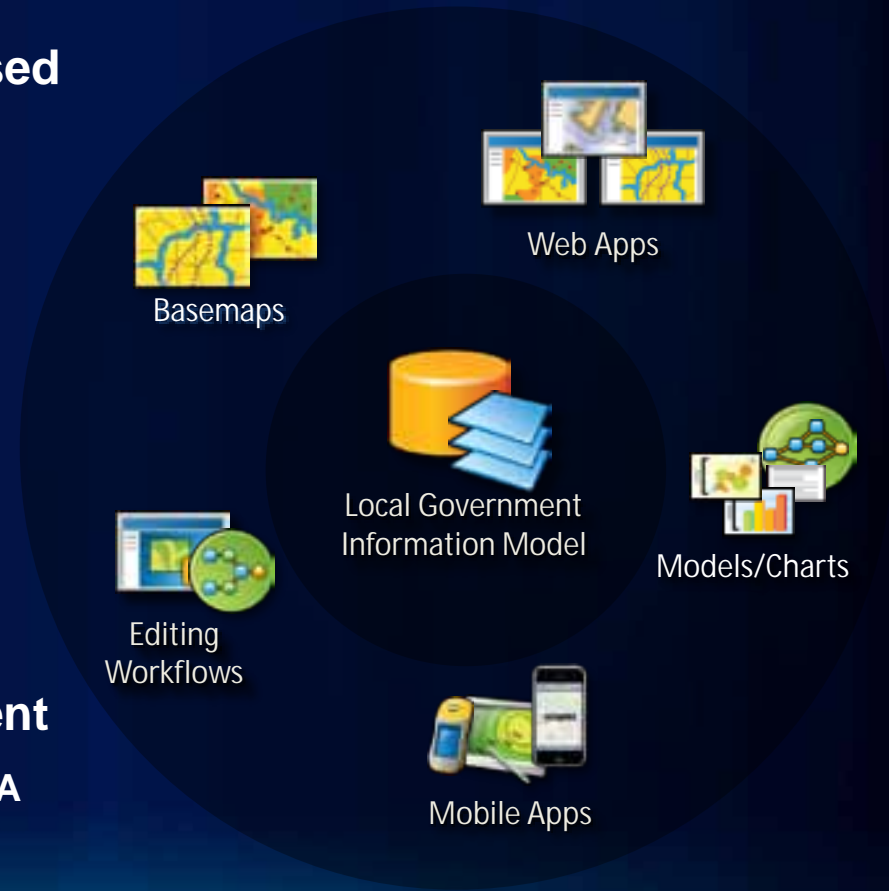
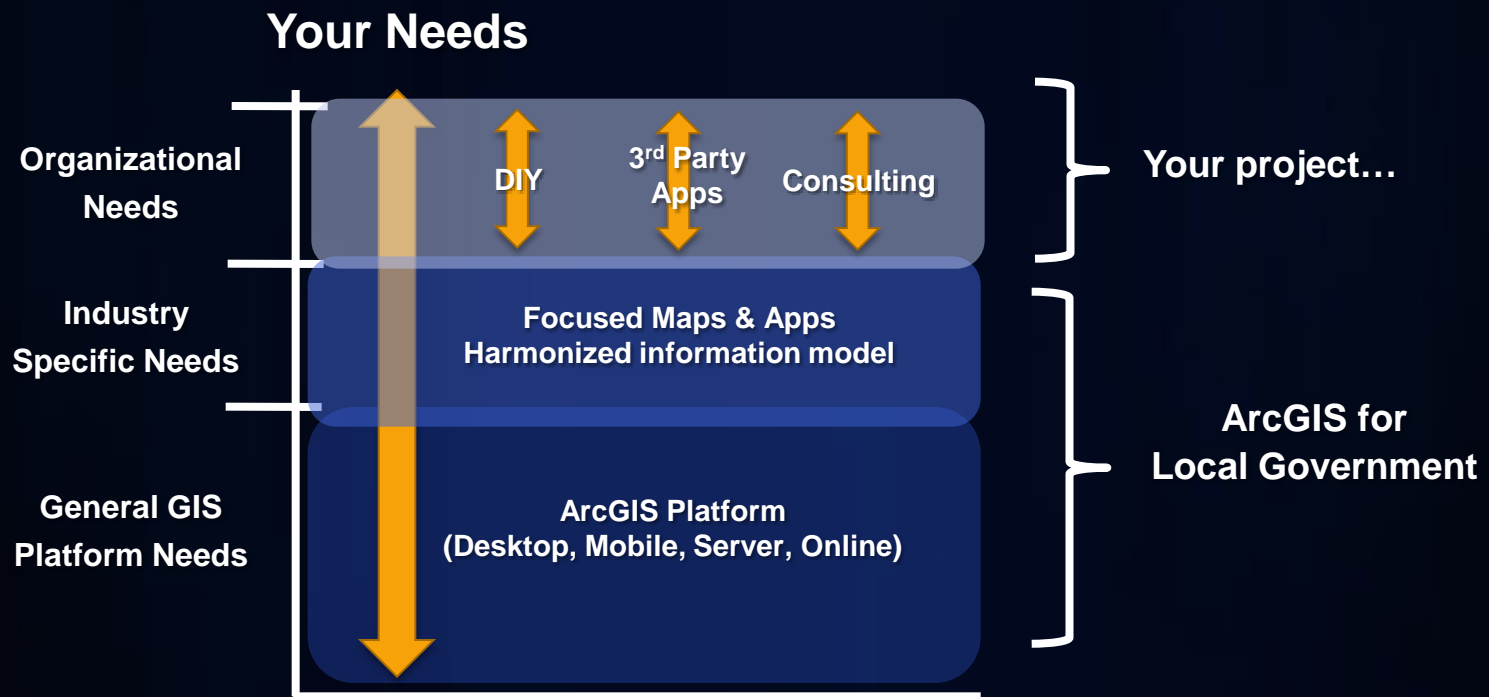*…..available on-premise or in the cloud*

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	DIY 3rd Party Apps Consulting

Your project…

Industry Specific Needs

Focused Maps & Apps
Harmonized information model

ArcGIS for Local Government

General GIS Platform Needs

ArcGIS Platform
(Desktop, Mobile, Server, Online)

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

ArcGIS for Local Government

Empowering a local government through a common ArcGIS system
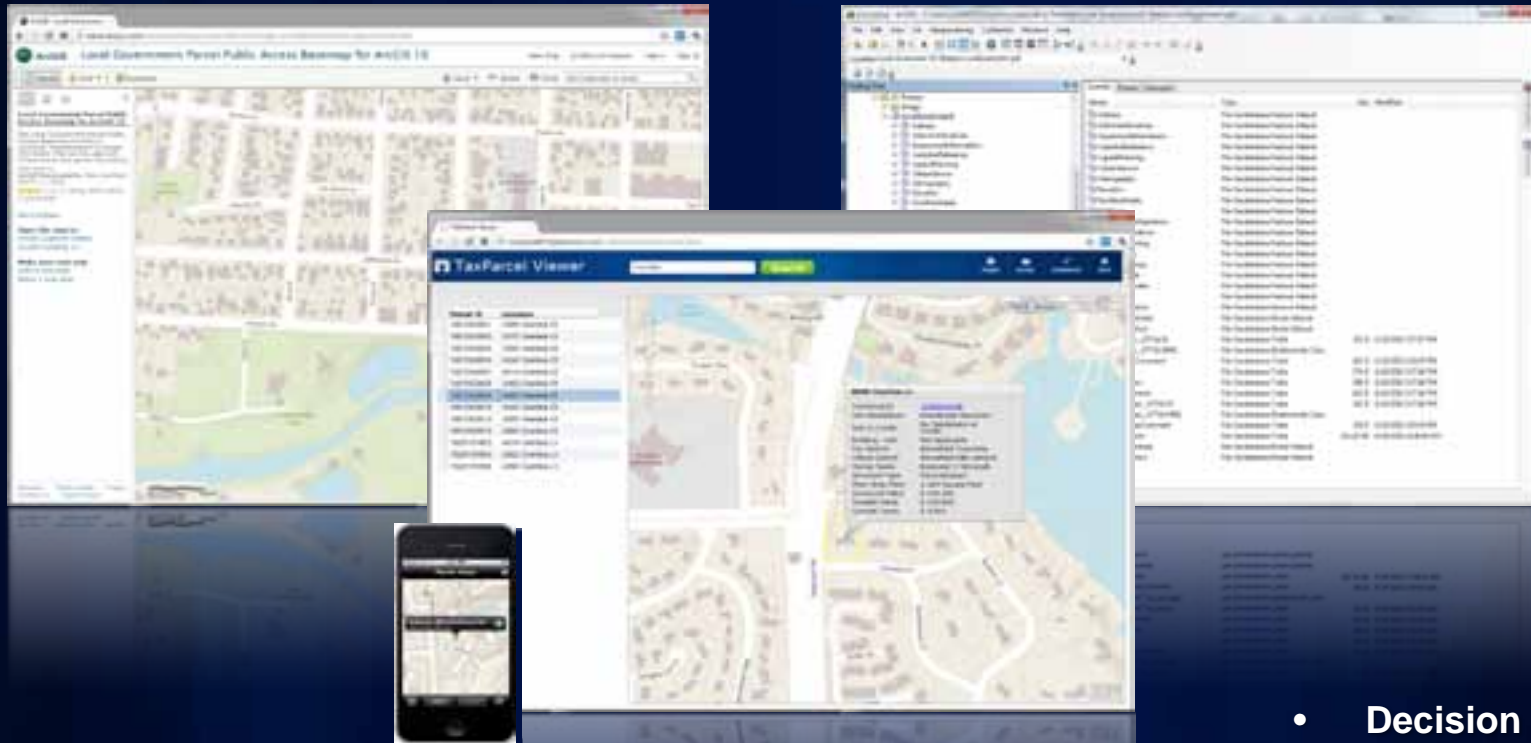
- **Decision making**
- **Transparency**
- **Accountability**
- **Communication**
- **Planning**

….desktop, web and mobile apps with meaningful maps and layers supported by single information model

GIS for Land Records

- **Statutory responsibility to inventory legal records and value land**
- **Used in many vital government operations**
  - **Assessment and Taxation, Land Use, Infrastructure, Deeds and Documents**
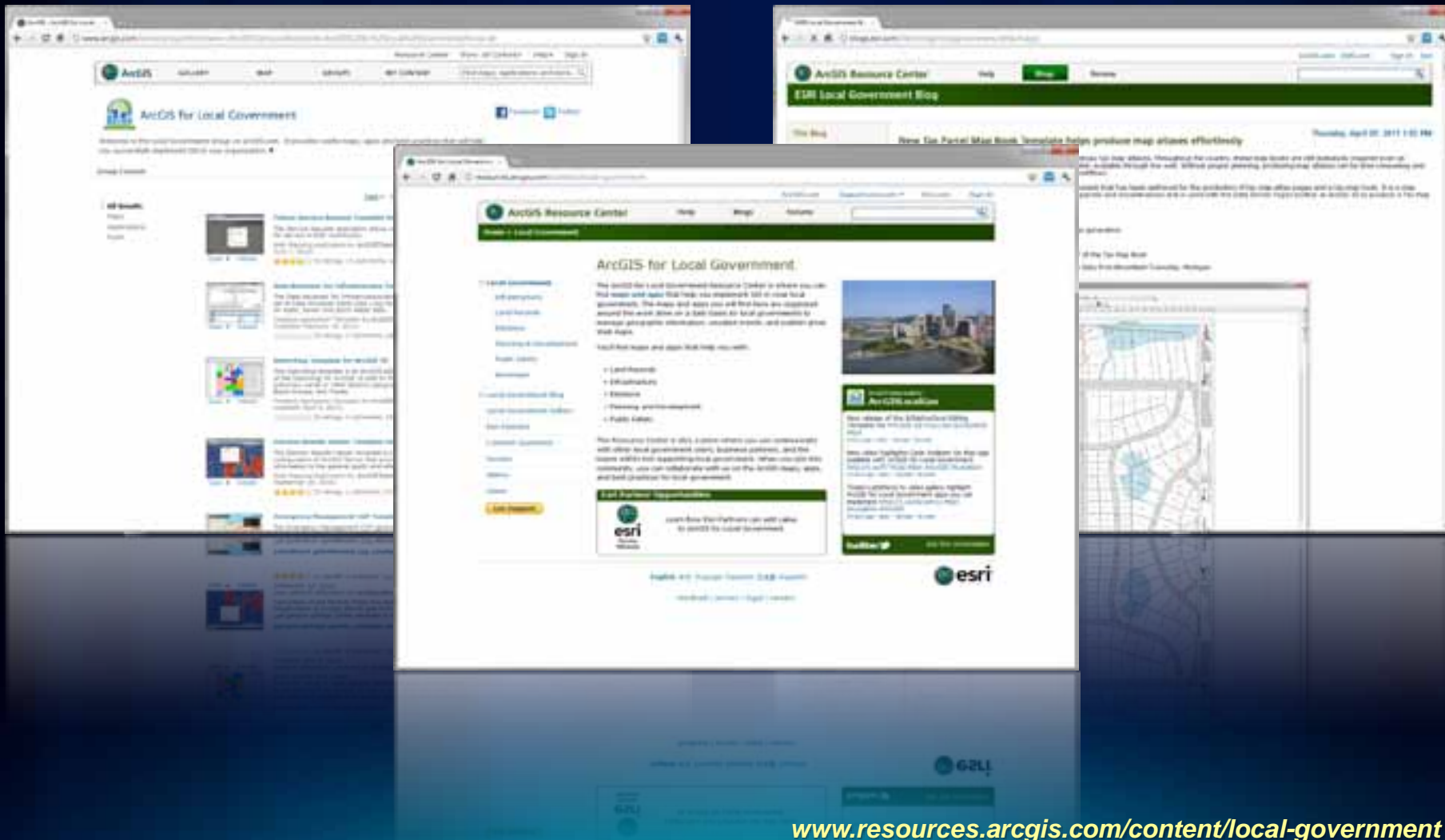
Evolving Land Records Requirements

- **Historically, land records information has been used internally by local governments**
  - **And under valued and under utilized by more public audiences**
- **But that is changing…..**
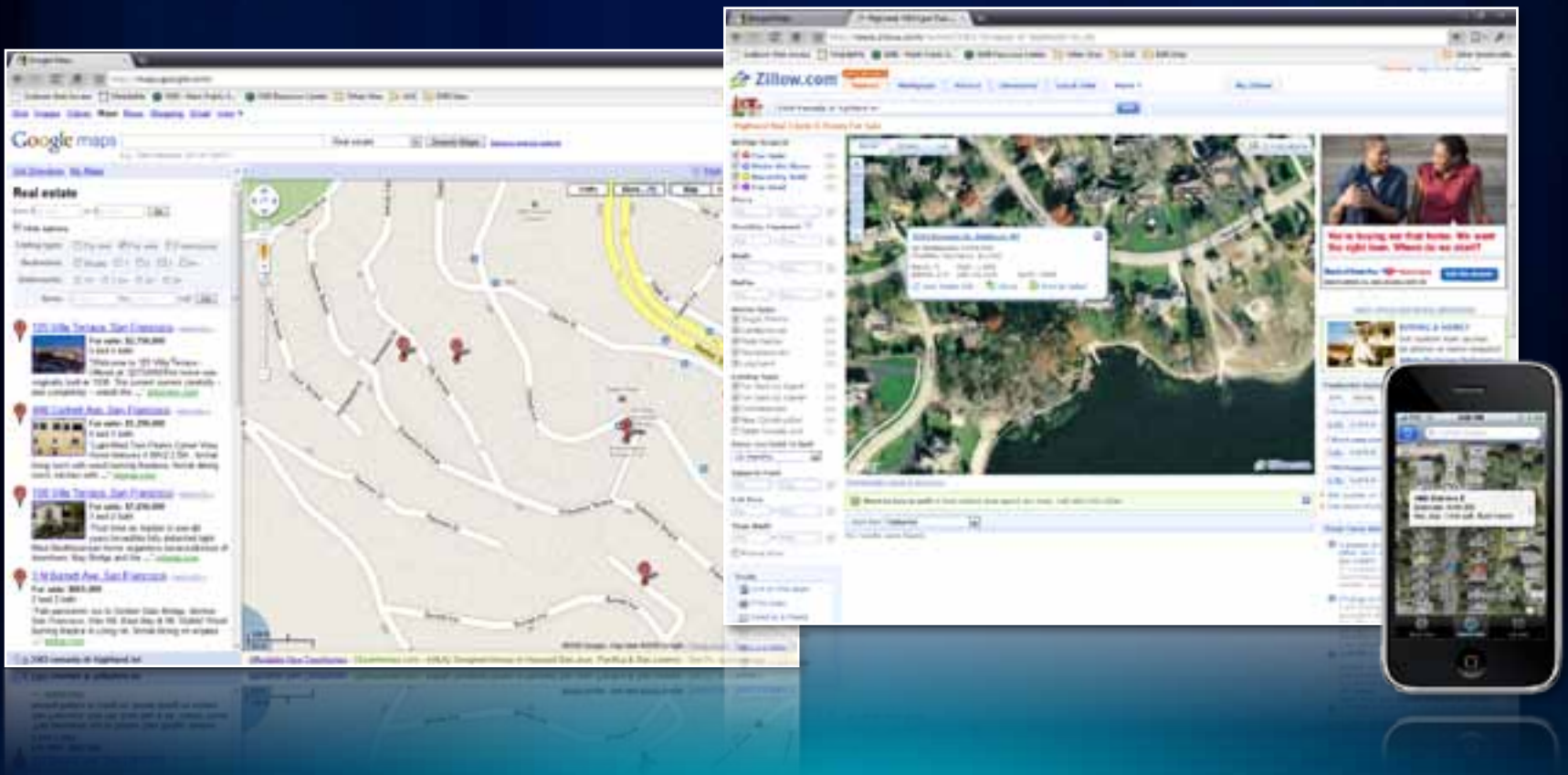
Land Records Community

An online community where Land Records users and partners can collaborate

Land Records Maps and Apps (Demo)

tax map books

parcel value for iPhone

parcel maintenance

tax parcel viewer

public notification

field appraisal
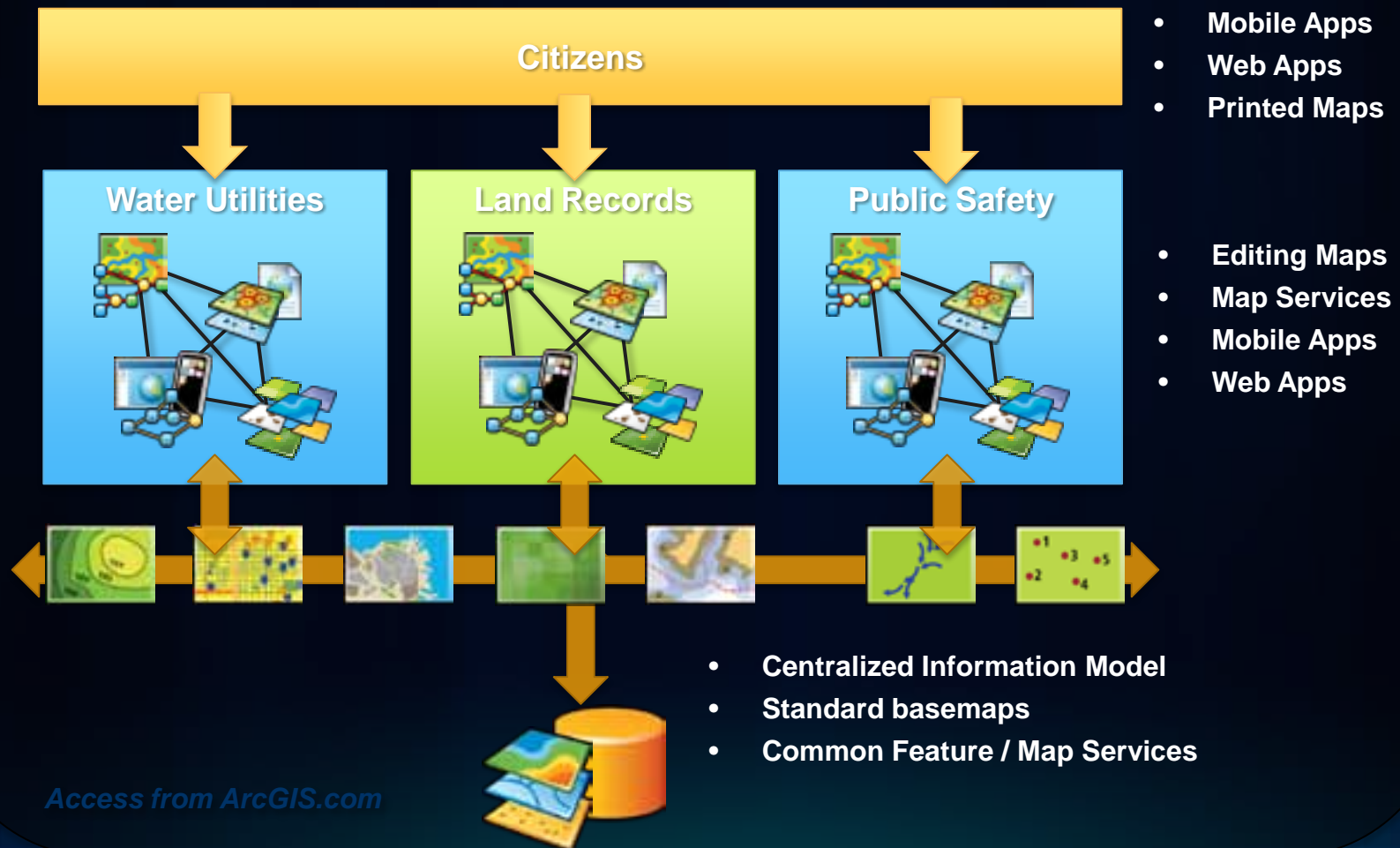
value analysis

control adjustment

ArcGIS 10

Foundation for Land Records Solution

- **Parcel management tools in core**
  - **Fully supported and incrementally enhanced**
- **Optimized data model for parcel management**
  - **Streamlines parcel editing workflows**
  - **Improves data integrity**
  - **Allows you to improve positional accuracy over time**
- **Maps and Apps that extend core ArcGIS platform**
- **Service packages that help you implement solution**

A System View

Access from Maps and Apps website

Citizens

Water Utilities

Land Records

Public Safety

- Mobile Apps
- Web Apps
- Printed Maps

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

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

Access from ArcGIS.com

Local Government Information Model

- **Supports maps and apps**
  - **Known local government requirements**
  - **Easy to adopt and extend**

- **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**

- **Safe FME support (coming this summer)**
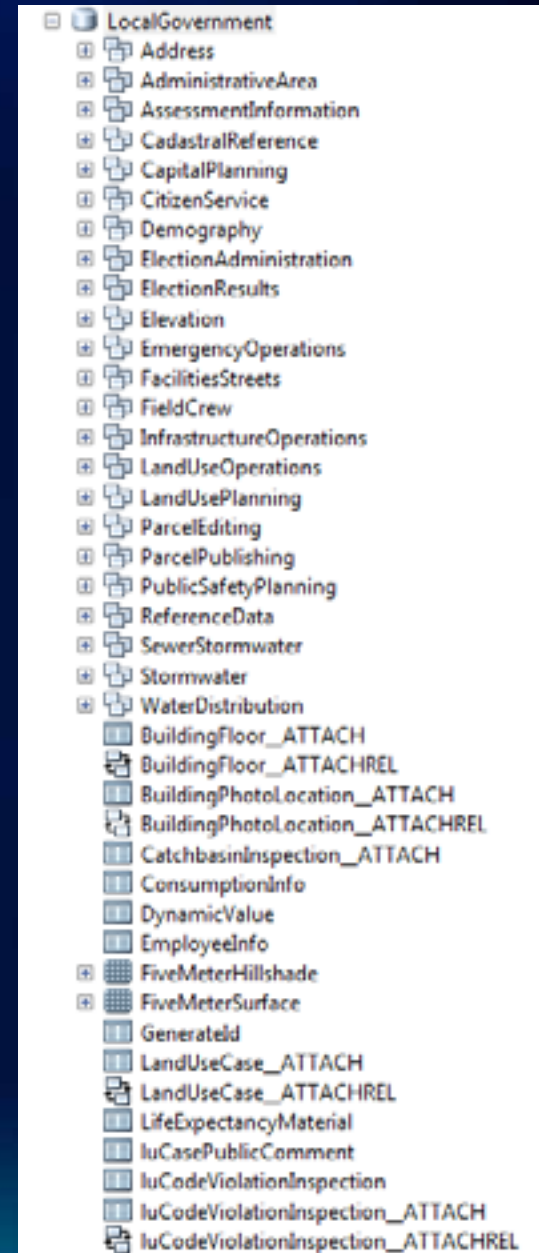
Implementing ArcGIS for Local Government

Getting started is quite easy

Identify business priorities

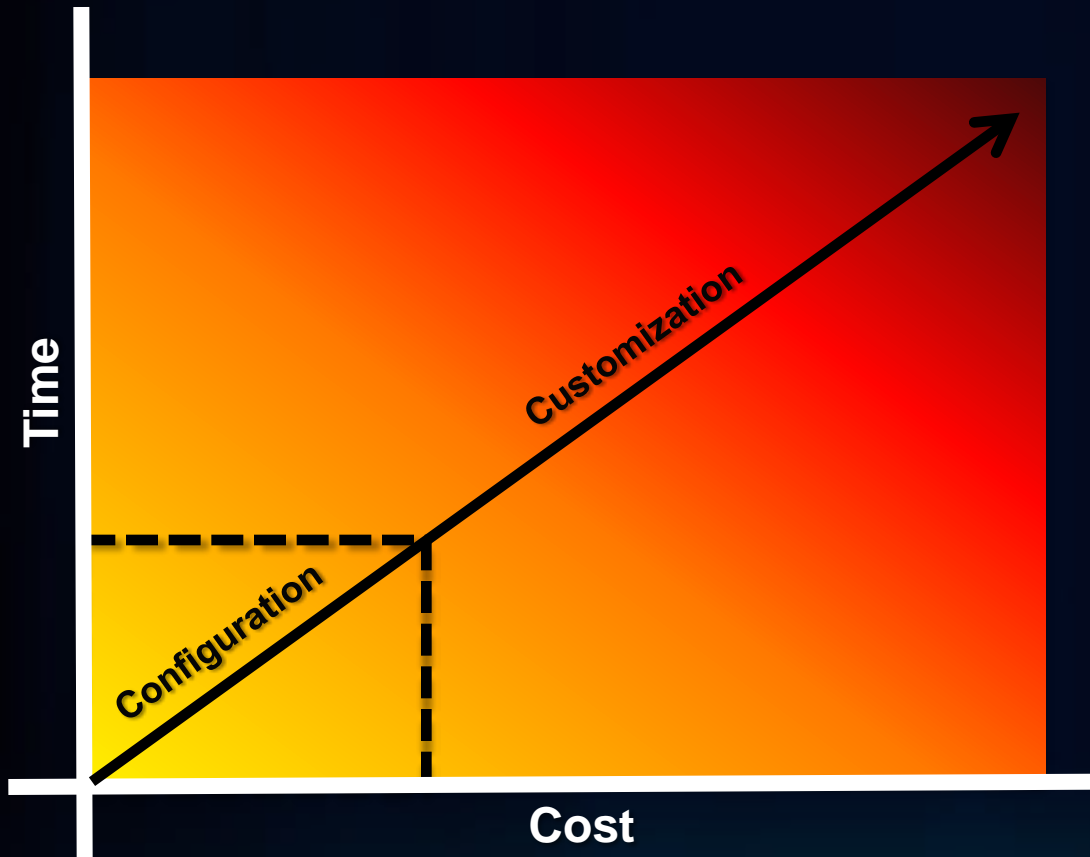**Identify business requirements**

Migrate data to information model

Publish your Maps

Configure and deploy the apps

Configure vs. Customize

Benefits

- **Implement quickly**

- **Easy to add new features**

- **Simple to maintain**

- **Easy to extend**

…..your feedback affects future releases

What's Next

Additional maps and apps

- **Public Works / Water Utilities**
  - **Stormwater Assessment**
- **Planning & Development**
  - **Address Maintenance**
- **Land Records**
  - **Operations Dashboard**
  - **Tax Parcel Viewer (v.2)**
- **Public Safety**
  - **Flood Response / Management**

What's Next

- **Quarterly release schedule**

- **Online Help documentation**

- **On-premise offering**
  - **Simple to install and configure**

- **Cloud offering**
  - **Synchronized w/ 10.1 Release**

- **Complimentary Partner offerings**
  - **ArcGIS for Local Government Partner Specialty**

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**

Other Sessions @ UC

<u>Tuesday</u>

3:15 - 4:30 - ArcGIS for Land Records - Parcel Maintenance Solution

    An introduction to the Esri's Parcel Maintenance solution at ArcGIS 10

<u>Wednesday</u>

8:30 – 9:45 – ArcGIS for Land Records Implementation Examples

    An overview of the implementations by the Cities of Calgary and Denver

10:15 – 11:30 – ArcGIS for Land Records - Migrating Your Data

    An introduction to the Parcel Fabric data model and data migration strategies

1:30 - 2:45 - ArcGIS for Land Records - Configuring

    How to configure the ArcGIS for Local Government land records maps and apps

4:05 - 4:25 - ArcGIS for Land Records - Improving Data Quality

    An introduction to a set of ArcGIS Desktop Parcel Editor tools to improve parcel accuracy

<u>Friday</u>

9:00 - 10:15 - ArcGIS for Local Government – An Introduction (Second Offering)

    An introduction to the ArcGIS for Local Government maps and apps

Questions

Please fill out your surveys….

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