

**Cape GIS Users Group
2010 Fall Meeting
GIS Licensing and Cape Cod**

Brian Moore

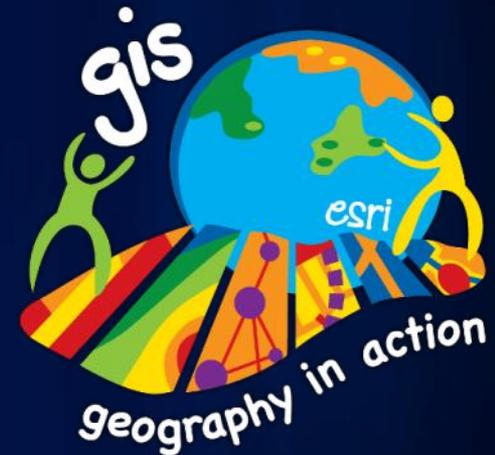
Matt Davis

Tom Schwartzman



Agenda Topics

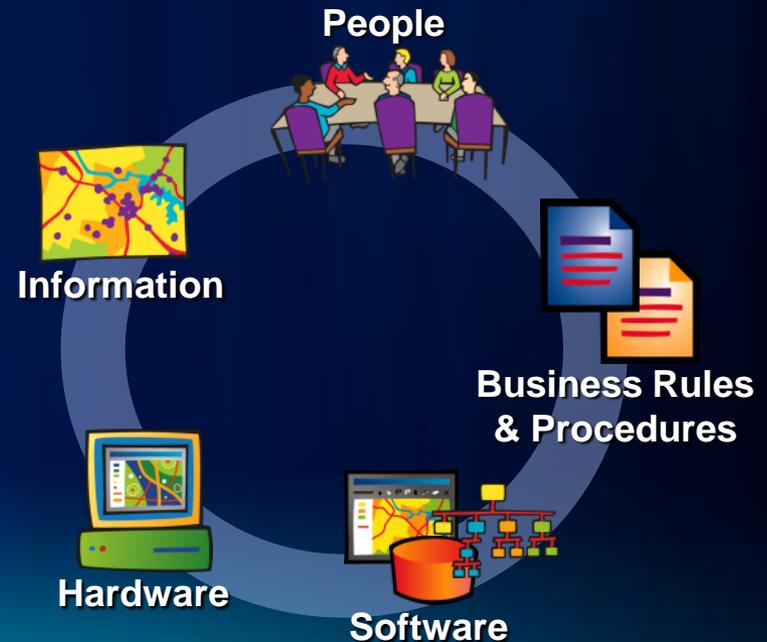
- **Enterprise Licensing**
 - What is it?
 - Benefits
 - Requirements & Challenges
- **GIS and Cape Cod**
- **Common Patterns**
 - Templates
 - Applications
 - Demonstrations
- **Further Discussion**



Enterprise Licensing

What is our intent?

- Minimize risks to successful Enterprise implementations
- Remove barriers to deploying across the Enterprise



Enterprise Licenses Agreement (ELA)

2 Categories

- **Custom**
 - Common components
 - Configured to meet each organizations specific needs
- **Programmatic**
 - **Small Local Government (SLG)**
 - Population based
 - **Small Utility (SU)**
 - Customer/Meter based
 - **NGO/Non-Profit**
 - Based on size & needs

State and Local
Government



Federal
Government



Utilities



Energy

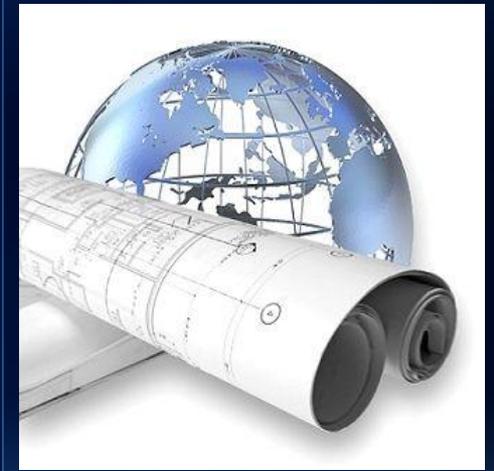


Commercial

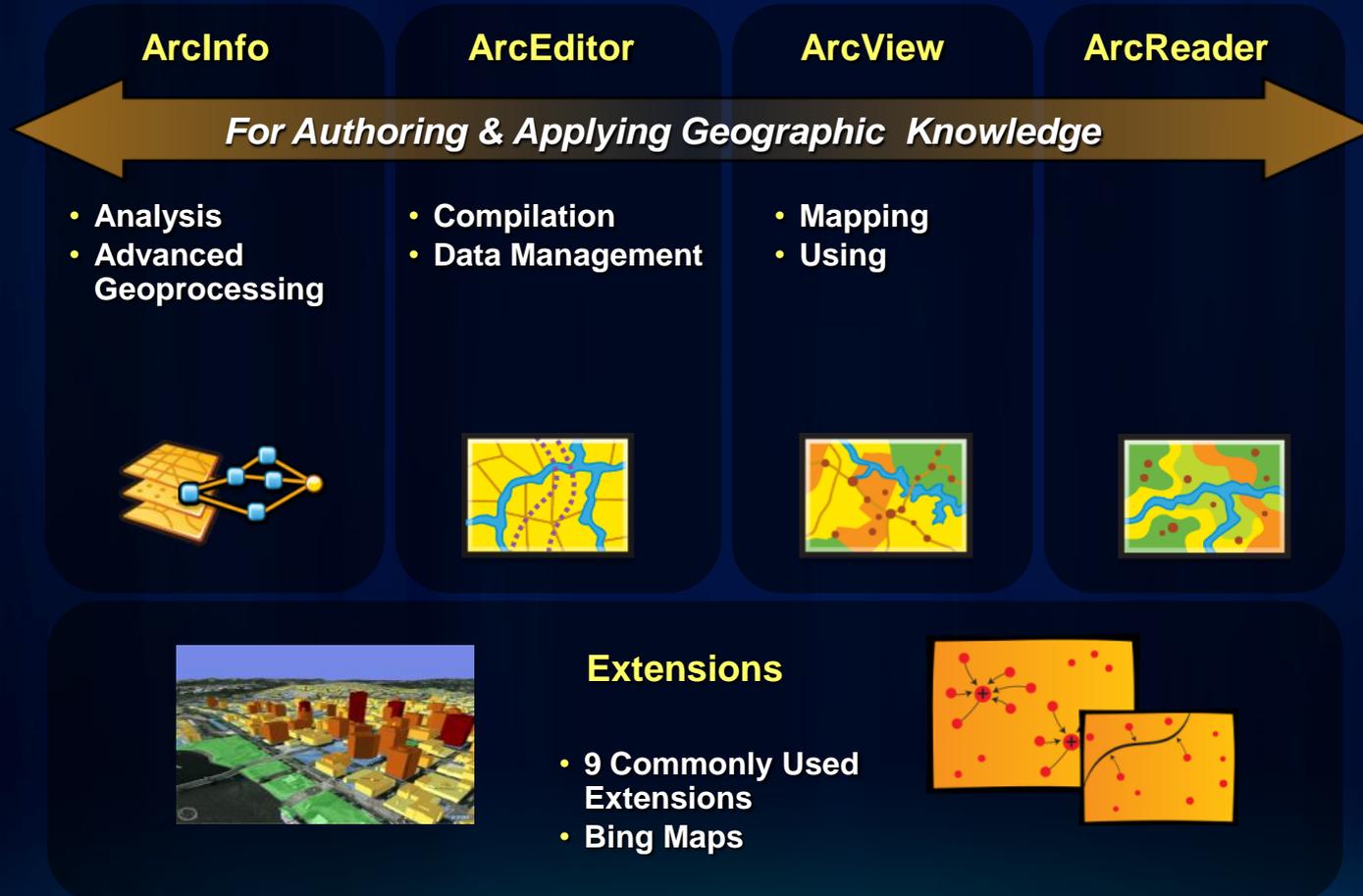
Enterprise License Agreement

Key Features

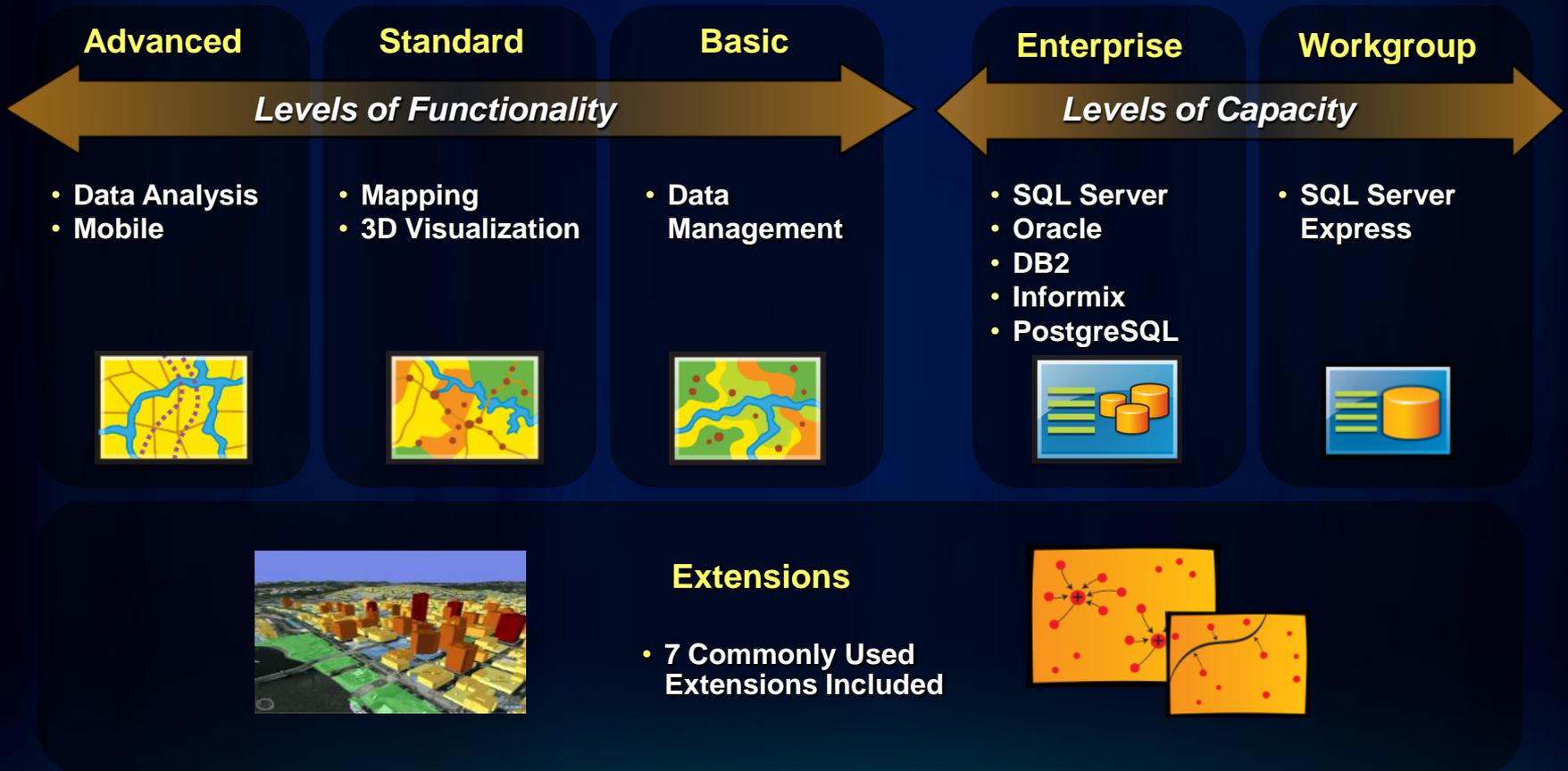
- **One Price**
- **Three Year Term**
- **Simplified Procurement**
 - **Set Terms & Conditions**
- **Consolidated Support**
- **Training – VC**
- **Esri Enterprise Advantage Program (EEAP)**
 - **Instructor Led Training**
 - **Planning & Strategic Guidance**
- **Unlimited Software (Subscription)**



ArcGIS Desktop

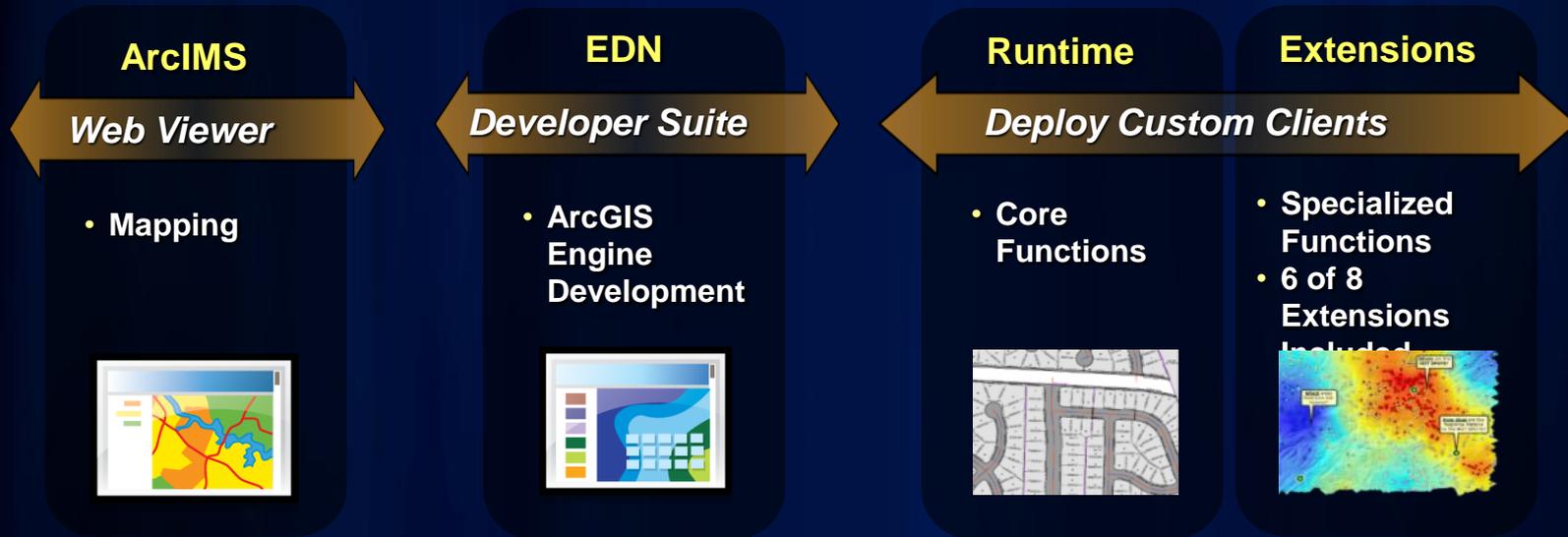


ArcGIS Server



Other Software

ArcGIS Engine



ArcGIS Support

Software Maintenance

- Tech Support
 - Phone
 - Web
- Software Updates



Self-Guided Help

- Virtual Campus
- Podcasts
- Web Resources



Instructor-Led Training

- 5% Discount
- ESRI Site



User Conference

- Complimentary Registrations



Helping Users Be More Productive

Esri Enterprise Advantage Program

- **Technical Advisor**
- **Flexible Yearly Credits**
 - **Training**
 - **Strategic Consulting**
 - **Premium Support**

ELA Benefits

- **Flexible deployment at a fixed price**
- **Cost standardization**
- **Reduced administrative costs**
- **Eliminates cost and time of incremental purchases**
- **Removes uncertainty over access to software and fluctuating budgets**
- **Ensures access to current software, support, training**
- **Ability to capitalize on GIS investment**

Requirements and Challenges for CCC and Towns

- **Tier 1 Support**
 - Limited Media
 - Limited Technical Support Contacts
- **Single Signatory**
- **1 Invoice & Payment**
 - Cost Sharing Strategies
- **Governance of Limited Items**
 - EEAP
 - Virtual Campus
 - UC Registrations

GIS and Cape Cod

- 15 Towns, 1 County, + ?
- Business Systems
- Infrastructure
- Governance
- Priorities



Tools and Technology on the Cape

- **Software Landscape:**
 - **Operating Systems (Windows, Linux, etc)**
 - **DBMS (SQL Server, Oracle, Postgres)**
 - **Business Systems**
 - **Document Management Systems**
- **Known Third Party Tools:**
 - **ArcGIS, Vision Appraisal, Patriot Properties, PeopleGIS, AutoCad, CrimeReports.com, One Source, GEOTMS Web, CityWorks, VueWorks, Mapsite.com, Code 360, MapQuest**

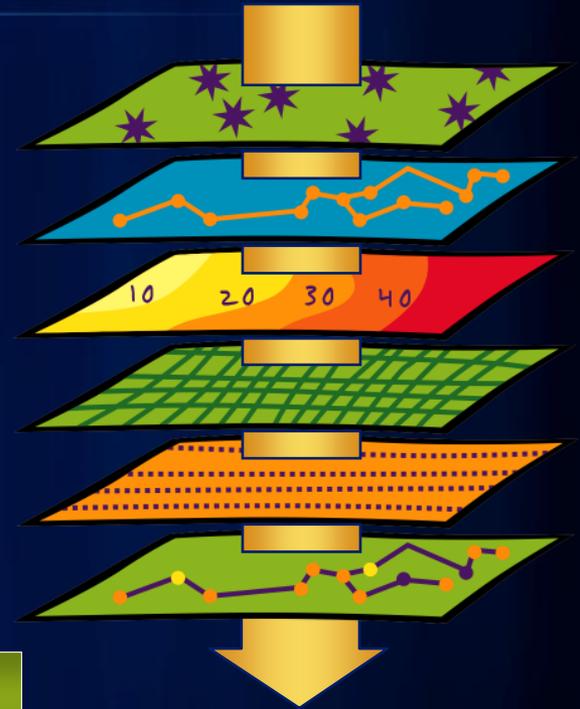
Common Needs

Across Geographies

- **Working Together for:**
 - **Permitting**
 - **Water Resources/Water Quality**
 - **Planning**
 - **Land Records**
 - **Asset/Work Management**
 - **Public Safety**
 - **Economic Development**
 - **Redistricting**
 - ...

GIS Enables You to Integrate Information

Within and Across Geographies



GIS

Fire Department • MEMA • Town Planning • Police Department • State DOT

Creating a Common Understanding

GIS in Local Government

Delivering an Organization Wide Solution



Key Systems and Applications in an Organization

Public Works Example

Asset
Management

Work Order
Management

Mobile Data
Collection

Capital
Improvement
Planning

Executive
Dashboard

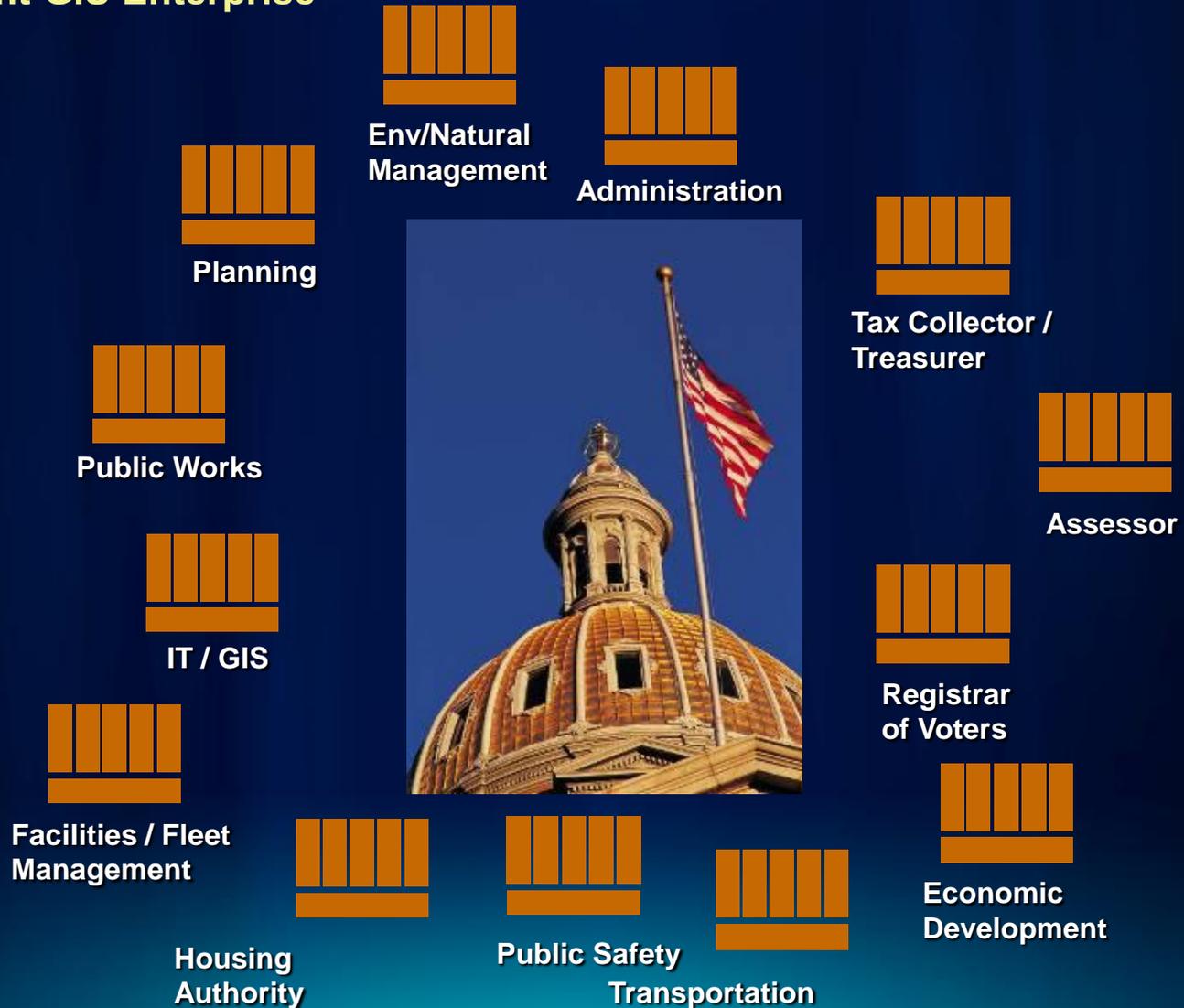
311/Call Center
Integration

Work Force
Management &
Automation

ArcGIS Platform

Use Patterns to Establish the Vision

Government GIS Enterprise



Five Patterns of GIS

Data Management

Collect, organize & exchange data



Planning & Analysis

Transform data into actionable information



Field Mobility

Get information into and out of the field



Situational Awareness

Disseminate knowledge where & when it's needed



Constituent Engagement

Share and receive information from the Public

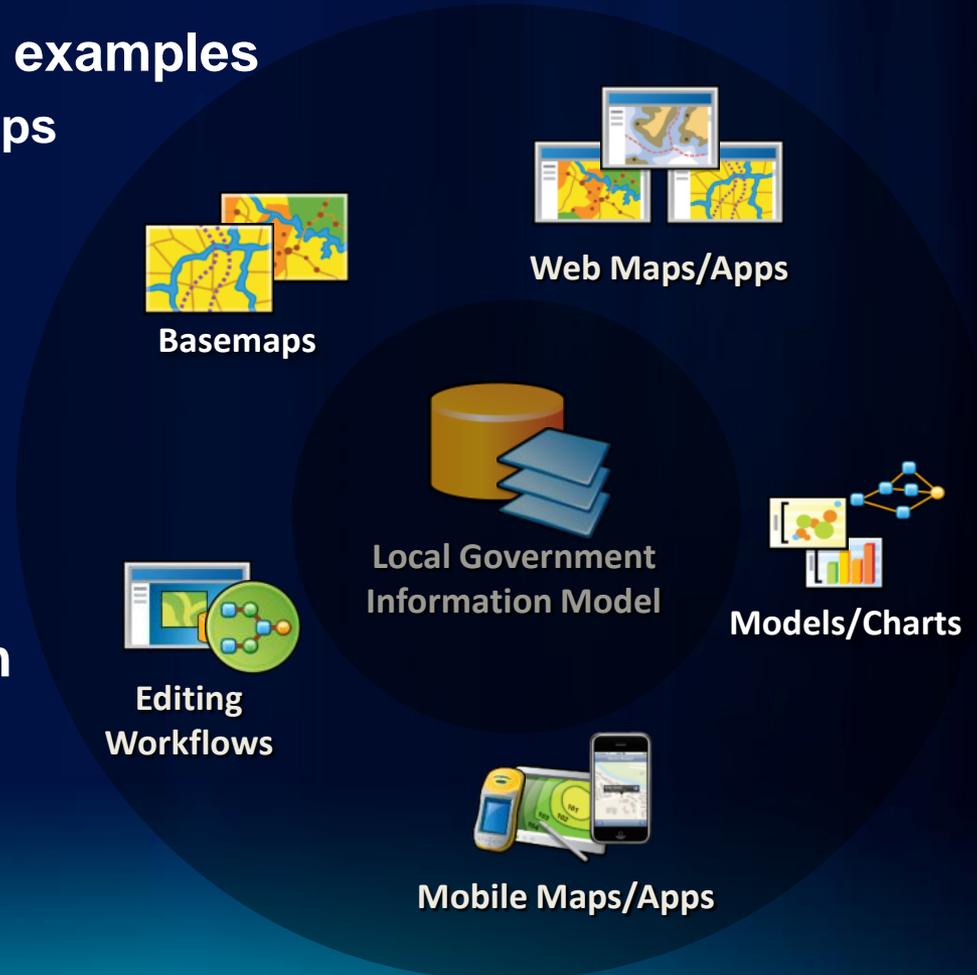


A Complete Integrated System

Local Government Templates

A Pattern to Configure and Use ArcGIS

- Supports implementation examples
 - Reference Data / Basemaps
 - Land Records
 - Public Infrastructure
 - Elections
 - Planning
 - Public Safety
 - Public Health
- Published on ArcGIS.com



Template Resources

- **Local Government Resource Center**
 - Single resource for local governments implementing ArcGIS
 - Relevant implementation advice and best practices
- **GDB Schema(s) and Sample Dataset**
 - Spatially integrated, efficiently organized, and well documented
- **Editing Workflows**
 - Support the maintenance of local government GDB content
- **Maps and Layers**
 - Sustainable, high-quality cartography authored from local government GDB
- **Web Maps**
 - Pattern for modern base maps, operational layers and information popups

ArcGIS.com

Resources for Local Government User Community

The screenshot shows the ArcGIS Resource Centers homepage. At the top, it says "ArcGIS Resource Centers" with a "Login" button. Below that is a banner for "Build Rich Internet Applications" with the text "The new ArcGIS API for Flex allows you to create Rich Internet Applications with the power of ArcGIS Server." and a "Learn More" button. A navigation menu includes "Products", "Functions", "User Communities", and "Solutions". Under "Products", there are links for ArcGIS Desktop, ArcGIS Server, ArcGIS Engine, ArcGIS Explorer, ArcGIS Mobile, and MapIt. Under "Functions", there are links for ArcGIS Online, Geoprocessing, Geodatabase & ArcSDE, Image Management, CAD Integration, Mapping & Visualization @, Map Templates, Enterprise GIS, and SharePoint. Under "User Communities", there are links for Water Utilities, Tax, Public Safety, Land Records, Arc Hydro, and Public Works.

The screenshot shows the "Land Records" page within the ArcGIS Resource Center. The page title is "Land Records" and it is part of the "Local Government" user community. The page content includes a description of Land Records information as a key component of any local government GIS, used to manage land value and associated improvements. It also mentions that this information can serve as a framework for public infrastructure, economic development, and emergency response. The page lists several key features and benefits:

- Inventory your parcel and related assessment, ownership, and land use information
- Provide information to your citizenry
- Visualize valuation and revenue trends within your local government.

The page also includes a section for "The maps and applications in the Land Records Group on ArcGIS.com will help you manage efficiently and leverage the best practices in your industry." and a "Get Support" button.

The screenshot shows the "ArcGIS for Land Records" group page on ArcGIS.com. The page title is "ArcGIS for Land Records" and it is part of the "Local Government" user community. The page content includes a description of the group as a collection of maps, apps, and best practices that will help users successfully implement GIS in their organization. The page lists several key features and benefits:

- General Purpose Basemap for ArcGIS 10: This is an ArcGIS Map Package used to author the Local Government General Purpose Basemap. Map Package by ArcGISTeamLocalGov (last modified: June 25, 2010).
- General Purpose Web Map for ArcGIS 10: This is a web map that contains the Local Government General Purpose Basemap. Web Map by ArcGISTeamLocalGov (last modified: May 25, 2010).
- Imagery Hybrid Basemap for ArcGIS 10: This is an ArcGIS Map Package used to author the Local Government Imagery Hybrid Basemap. Map Package by ArcGISTeamLocalGov (last modified: June 25, 2010).
- Imagery Hybrid Web Map for ArcGIS 10: This is a web map that contains the Local Government Imagery Hybrid Basemap. Web Map by ArcGISTeamLocalGov (last modified: May 25, 2010).

<http://www.arcgis.com>
or
<http://resources.arcgis.com>

Demonstration

Land Records
Template

What's Next With Land Records?

- **Enhance existing ArcGIS 10 maps and apps**
 - Value Analysis
 - Tax Parcel Viewer
 - Tax Parcel Atlas Basemap
 - Imagery Hybrid Basemap
- **Parcel Value for iPhone template**
- **Tax Map Book template**
- **Field Appraisal template**
- **New tools**
 - Parcel publishing
 - Fabric migration
-

GIS and Gov 2.0

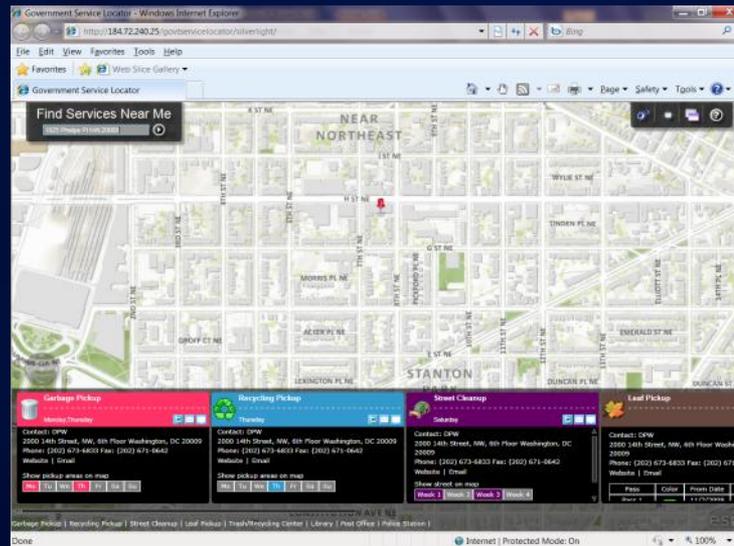
Citizen Engagement



*A Geospatial Framework for Open Government . . .
. . . And Civic Engagement*

Citizen Engagement

Government Services Locator (Web App)



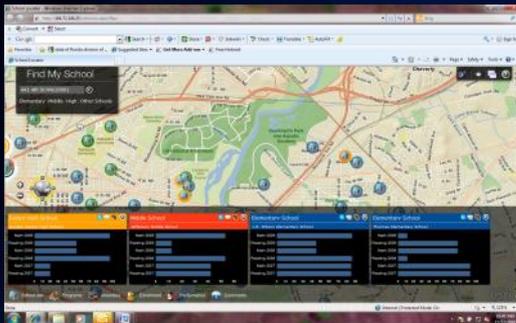
Event Calendar (Web App)



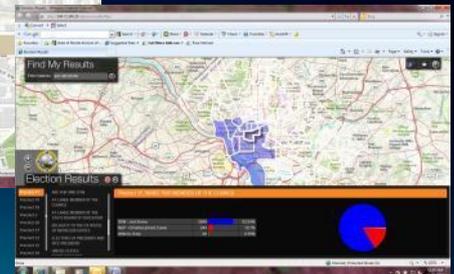
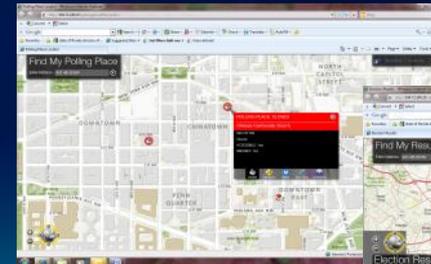
311 & iNotify (Mobile Apps)



School Locator (Web App)



Polling Place Locator (Web App)



Election Results (Web App)

Ways to Participate in the Community

- **Publish your good work on ArcGIS.com**
 - Applications
 - Maps
 - Sample data sets
- **Add to the Community Maps Basemap**
- **Share your template ideas and give us feedback**
- **Lend your expertise in the forums**
- **Comment on the blog**



Discussion and Next Steps



Thank you!

Homework

- **Top 3 solutions you want to see short term**
- **“Weather report”**
 - **Primary challenges**
- **Inventory**
 - **Software**
 - **Version**
 - **Platform**
 - **Data**
 - **Currency**
 - **Projection**
 - **Attributes**
 - **Format**