



Address Maps and Apps for State and Local Governments

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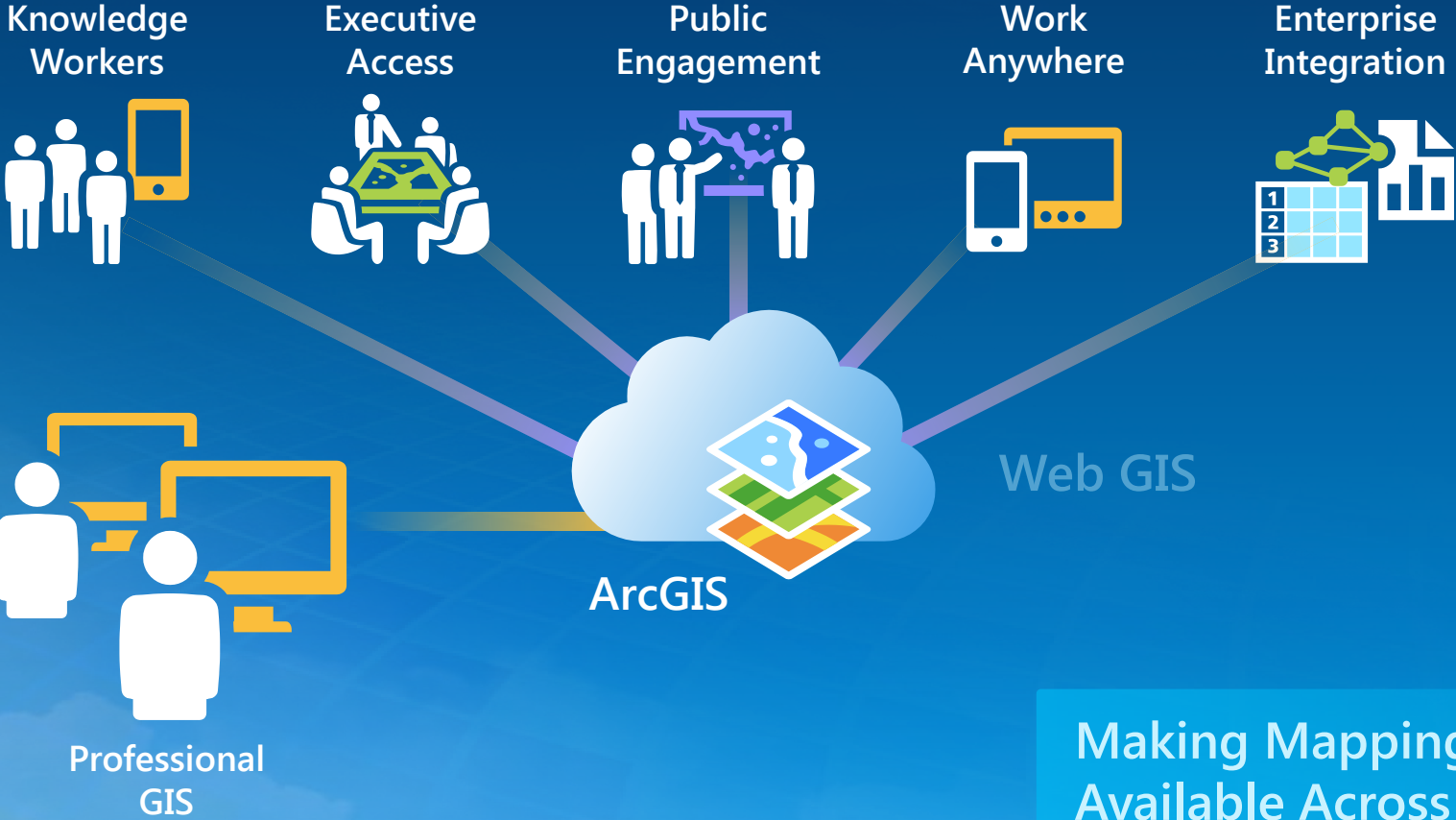
Agenda

- Introduction
- Solution Offering
- What's Next
- Your Feedback



ArcGIS as a Platform

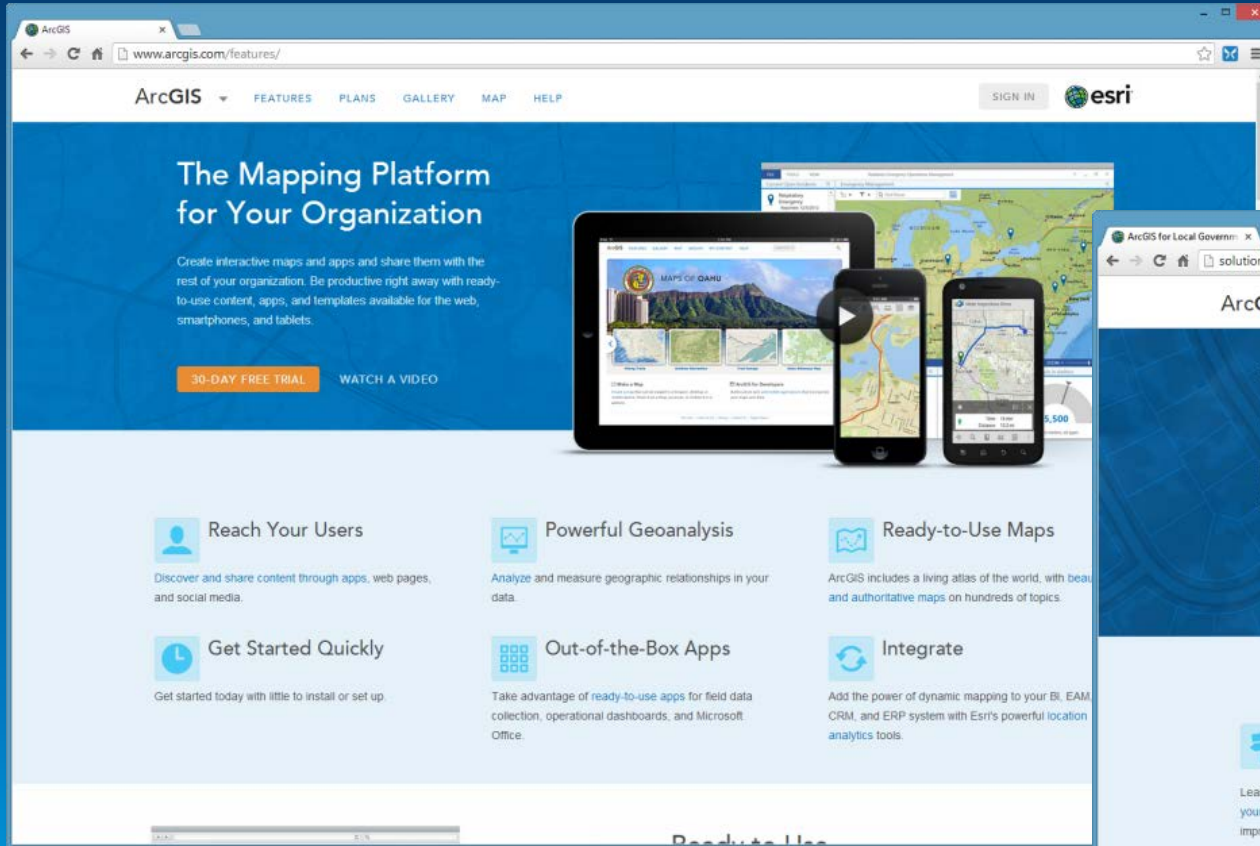
Simple, Open, and Configurable



Making Mapping and GIS Available Across Your Organization

Transforming the Role of GIS

Turning Point



ArcGIS

www.arcgis.com/features/

FEATURES PLANS GALLERY MAP HELP

SIGN IN esri

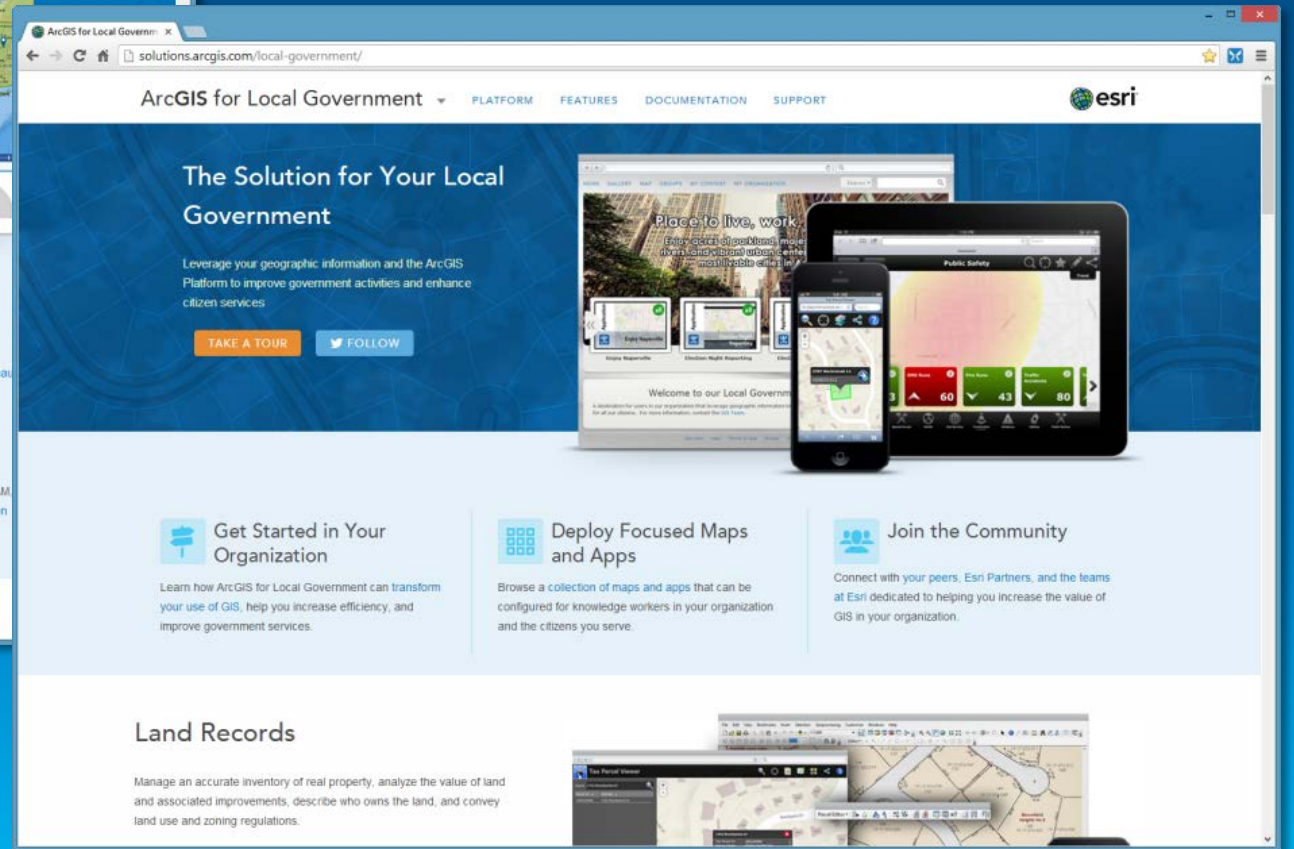
The Mapping Platform for Your Organization

Create interactive maps and apps and share them with the rest of your organization. Be productive right away with ready-to-use content, apps, and templates available for the web, smartphones, and tablets.

30-DAY FREE TRIAL WATCH A VIDEO

- Reach Your Users**
Discover and share content through apps, web pages, and social media.
- Powerful Geoanalysis**
Analyze and measure geographic relationships in your data.
- Ready-to-Use Maps**
ArcGIS includes a living atlas of the world, with beautiful and authoritative maps on hundreds of topics.
- Get Started Quickly**
Get started today with little to install or set up.
- Out-of-the-Box Apps**
Take advantage of ready-to-use apps for field data collection, operational dashboards, and Microsoft Office.
- Integrate**
Add the power of dynamic mapping to your BI, EAM, CRM, and ERP system with Esri's powerful location analytics tools.

ArcGIS Online



ArcGIS for Local Government

solutions.arcgis.com/local-government/

PLATFORM FEATURES DOCUMENTATION SUPPORT

esri

The Solution for Your Local Government

Leverage your geographic information and the ArcGIS Platform to improve government activities and enhance citizen services.

TAKE A TOUR FOLLOW

- Get Started in Your Organization**
Learn how ArcGIS for Local Government can transform your use of GIS, help you increase efficiency, and improve government services.
- Deploy Focused Maps and Apps**
Browse a collection of maps and apps that can be configured for knowledge workers in your organization and the citizens you serve.
- Join the Community**
Connect with your peers, Esri Partners, and the teams at Esri dedicated to helping you increase the value of GIS in your organization.

Land Records

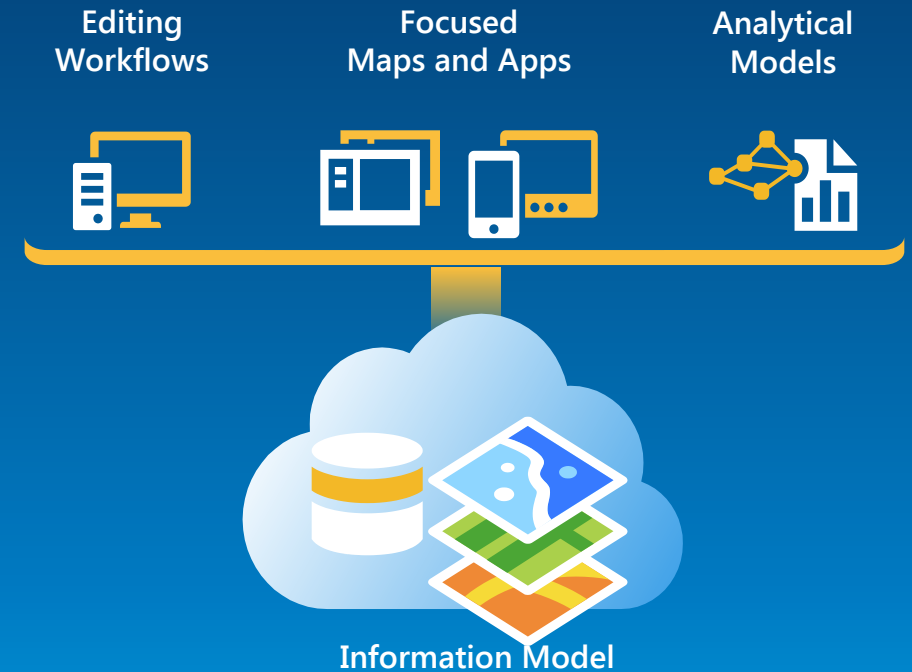
Manage an accurate inventory of real property, analyze the value of land and associated improvements, describe who owns the land, and convey land use and zoning regulations.

Solutions

ArcGIS for State and Local Government

Esri solutions for government customers

- Series of useful maps and apps focused on government work
 - 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

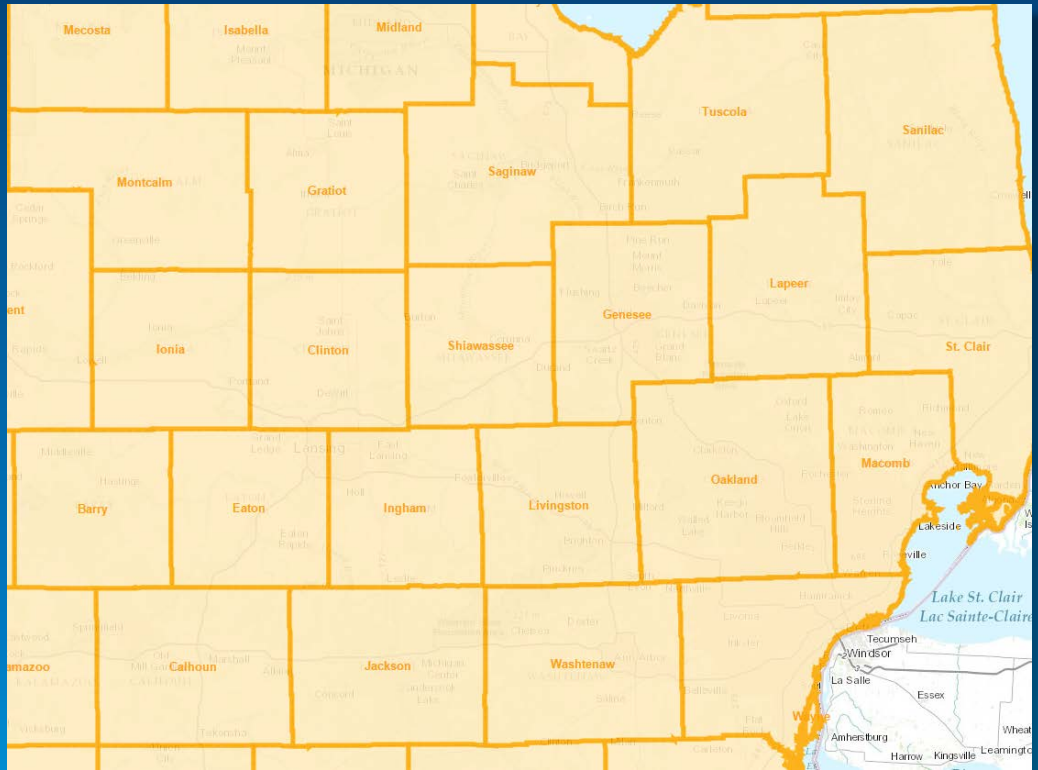
ArcGIS for State and Local Government

Our mission is to help you.....

- Deliver maps and applications quickly throughout your organization
- Stay current with future releases / avoid legacy technology
- Deploy a geospatial platform that can be leveraged by many
- Leverage the collective knowledge of the entire community
- And do this with....less staff, budget, and technical expertise

Address Maps and Apps

Supporting many community needs



Local Governments
E911, Permitting, Assessment Notices and Tax Bills,
Elections, Water & Sewer Billing, Human Services, etc.



State Governments
Data Aggregators, NextGen 911, Permitting, Voter
Registration, Human Services, etc.

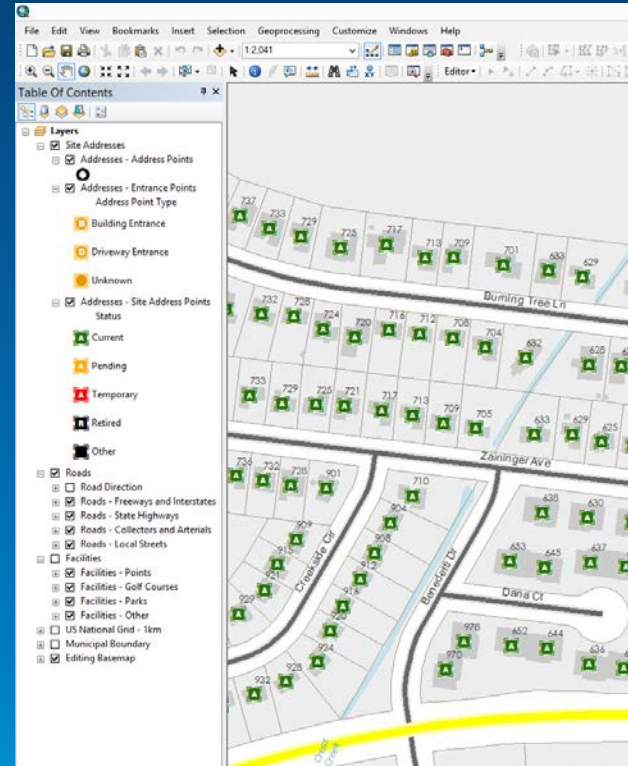
Address Maps and Apps

Simplifying Address Data Management in Local Government

- **Address Data Management**
 - ArcGIS for Desktop editing map that supports the maintenance of road centerline, facilities, site addresses and related postal addresses
 - Focused tools and add-ins
 - Flexible information model and feature templates
 - Standard Locators
- **Data Reviewer for Addresses**
 - Preconfigured batch job (.rbj) files used to improve address data quality
- **Address Crowdsourcing**
 - Constituent engagement app that helps improve address content and quality

Local Government Information Model

- Supports maps and apps
 - Local government requirements
 - Easy to adopt and extend
- Fully documented
 - Features, layers and packages
- Address standards incorporated
 - NENA (E911 content)
 - USPS (Postal address structure, domains, etc.)
 - FGDC (Additional content check)



- LocalGovernment
 - Address
 - AdministrativeArea
 - AssessmentInformation
 - CadastralReference
 - CapitalPlanning
 - CitizenService
 - Demography
 - ElectionAdministration
 - ElectionResults
 - Elevation
 - EmergencyOperations
 - FacilitiesStreets
 - FieldCrew
 - InfrastructureOperations
 - LandUseOperations
 - LandUsePlanning
 - ParcelEditing
 - ParcelPublishing
 - PublicSafetyPlanning
 - ReferenceData
 - SewerStormwater
 - Stormwater
 - WaterDistribution
 - BuildingFloor_ATTACH
 - BuildingFloor_ATTACHREL
 - BuildingPhotoLocation_ATTACH
 - BuildingPhotoLocation_ATTACHREL
 - CatchbasinInspection_ATTACH
 - ConsumptionInfo
 - DynamicValue
 - EmployeeInfo
 - FiveMeterHillshade
 - FiveMeterSurface
 - GenerateId
 - LandUseCase_ATTACH
 - LandUseCase_ATTACHREL
 - LifeExpectancyMaterial
 - luCasePublicComment
 - luCodeViolationInspection
 - luCodeViolationInspection_ATTACH
 - luCodeViolationInspection_ATTACHREL

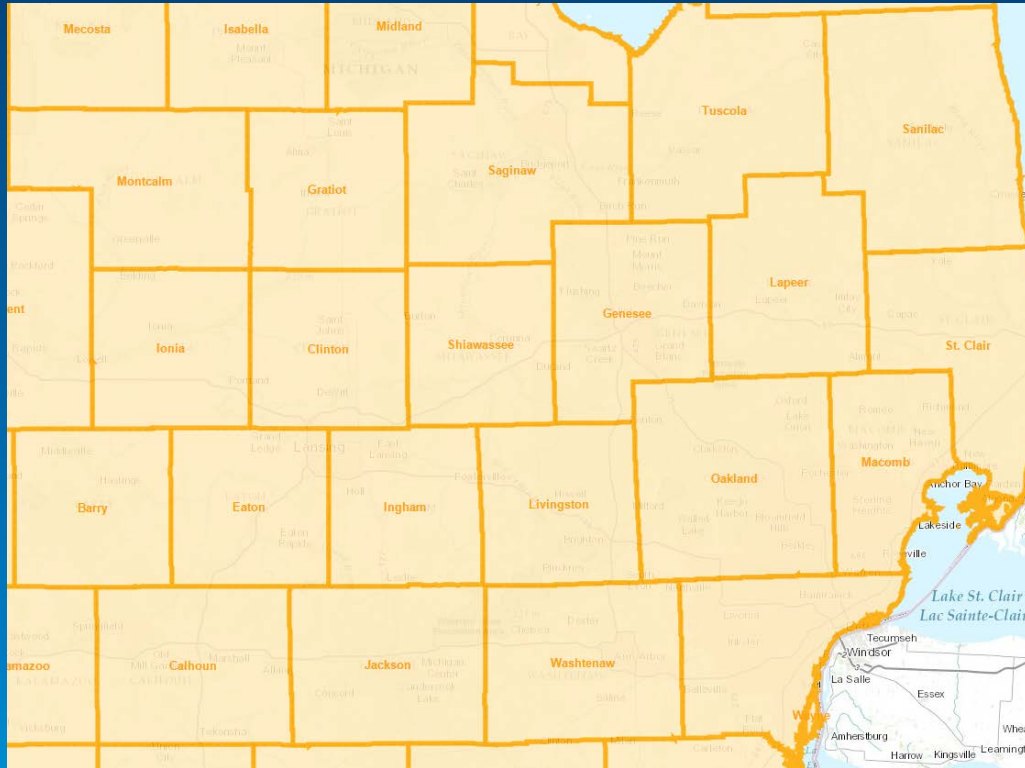
Show Me!

Address Maps and Apps



Address Maps and Apps

Supporting many community needs



Local Governments

E911, Permitting, Assessment Notices and Tax Bills, Elections, Water & Sewer Billing, Human Services, etc.



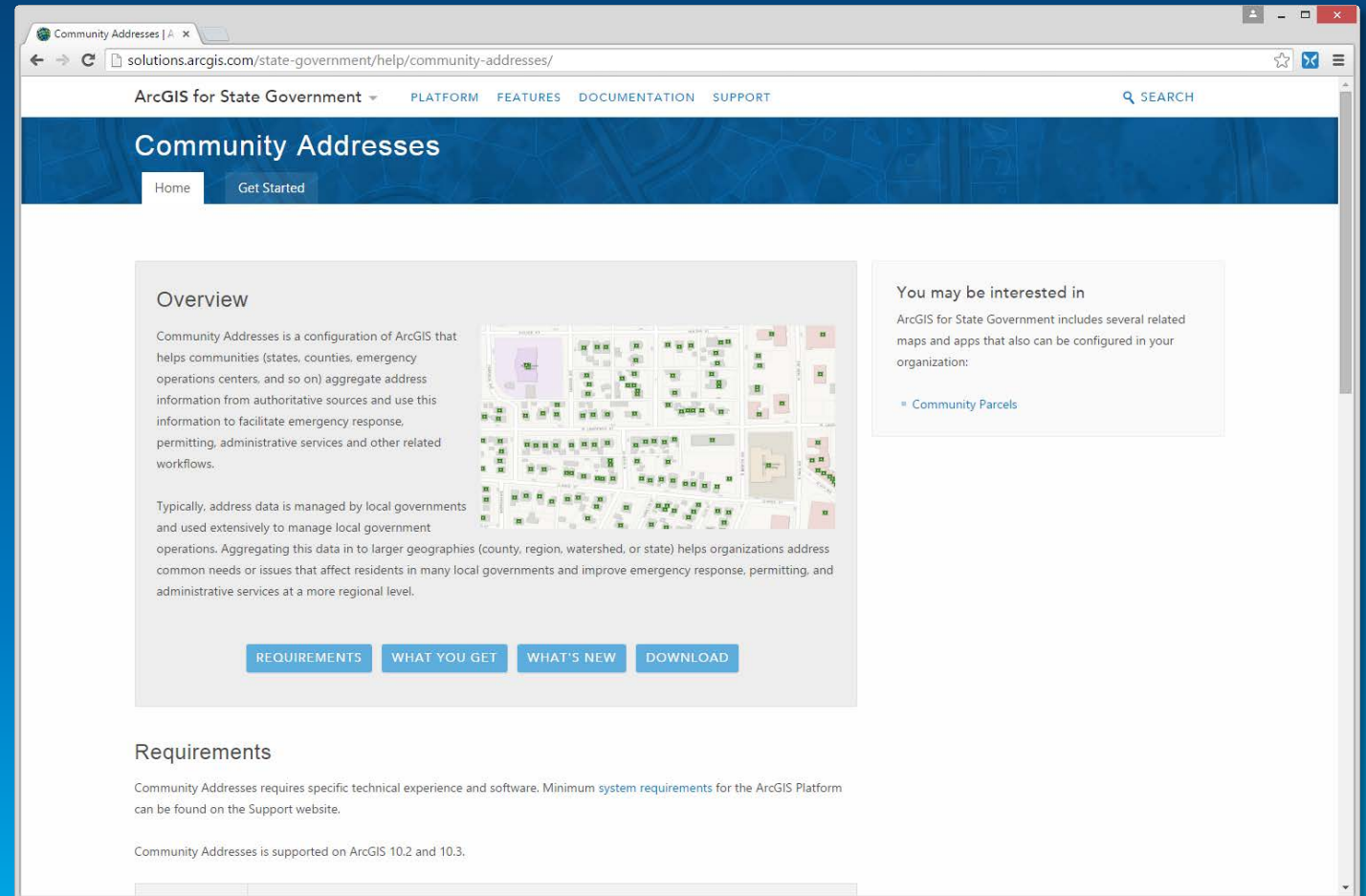
State Governments

Data Aggregators, NextGen 911, Permitting, Voter Registration, Human Services, etc.

Address Maps and Apps

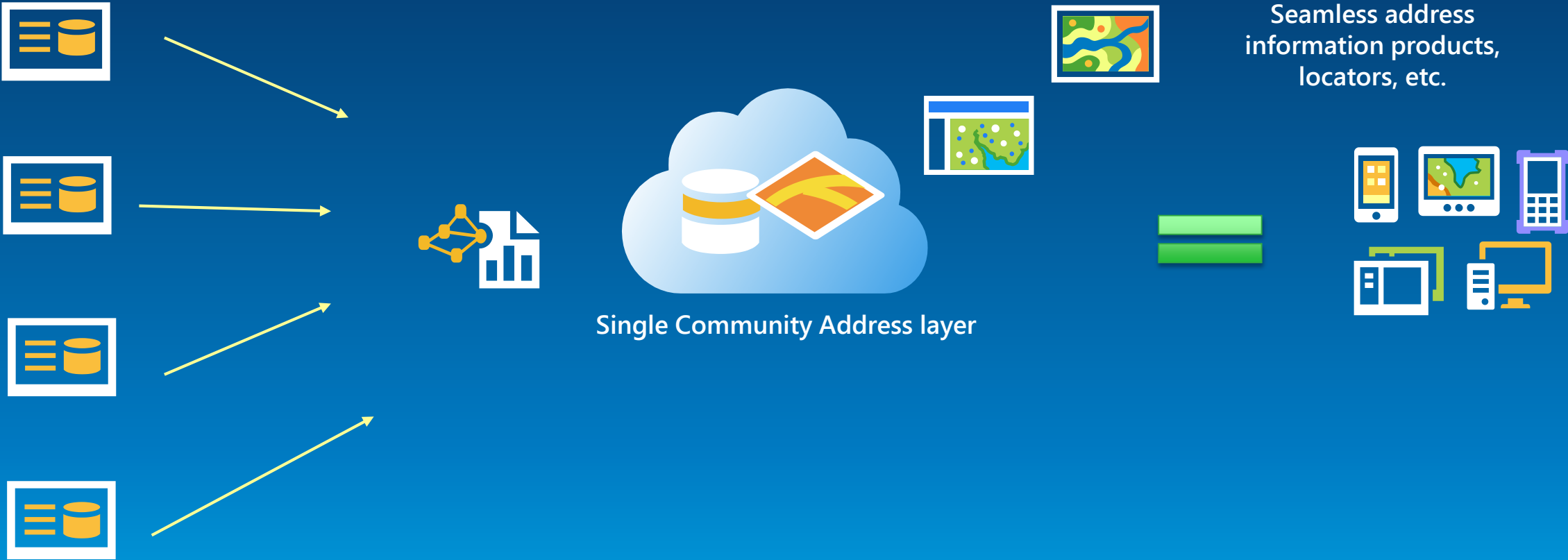
Simplifying Address Data Aggregation in State Government

- Community Addresses
- Standard Locators



Community Addresses

How does it come to life?



Authoritative address data from data custodians

Single Community Address layer

Seamless address information products, locators, etc.

Leverages Esri's address data management solution...
...and supports other data management workflows

Show Me!

Address Maps and Apps



Community Contributor Workflow

Ex. City to County, County to State

Step 1 : Configure Tool



- Single Input Address Layer
- Local FIPS code
- Fields to be mapped
- AGOL credentials
- Save settings (for future runs)

Step 2: Run Tool



- Run Manually – Ad-Hoc
- Schedule

Community Aggregator Workflow

Ex. County/State performs aggregation

Step 1 : Configure Field Mapper



- Single Input Address Layer
- Local FIPS code
- Fields to be mapped
- Save settings (for future runs)



Step 2 : Configure Aggregator



- Multiple Input Address Layers
- Save Settings (for future runs)

Step 3 : Run Tools



How do I get started?

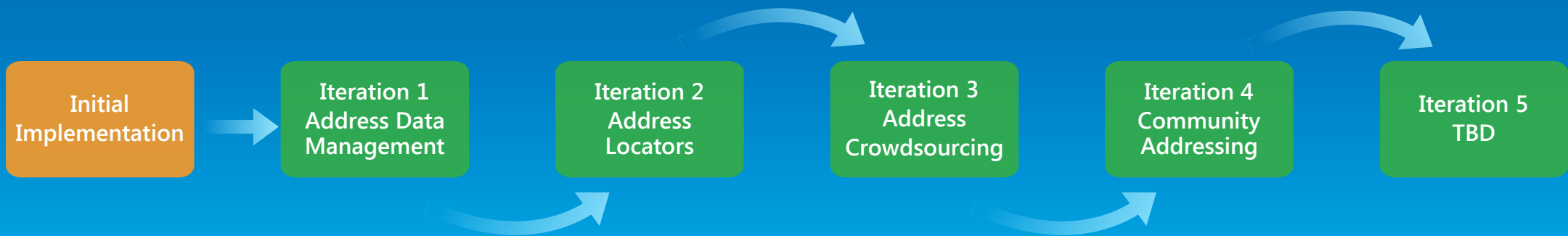
Leverage solution offerings to maximize technical expertise and minimize deployment time

1. Select a configuration pattern

- a) Complete system adoption
- b) Publish and adopt
- c) Sample code and customize

2. Deploy quick wins

- a) Align with key business requirements
- b) Select one or more focused maps and apps
- c) Configure your mapping platform
- d) Deploy the focused maps and apps
- e) Iterate....



What's Next

Continuously Evolving Solution Offering



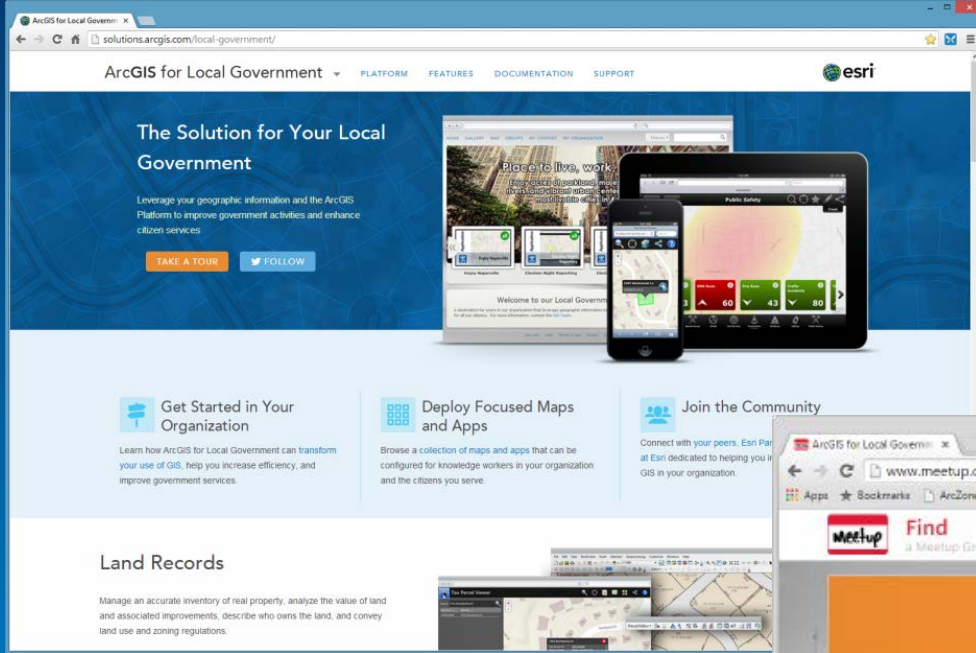
It's a Process

Continuously Evolving Solution Offering

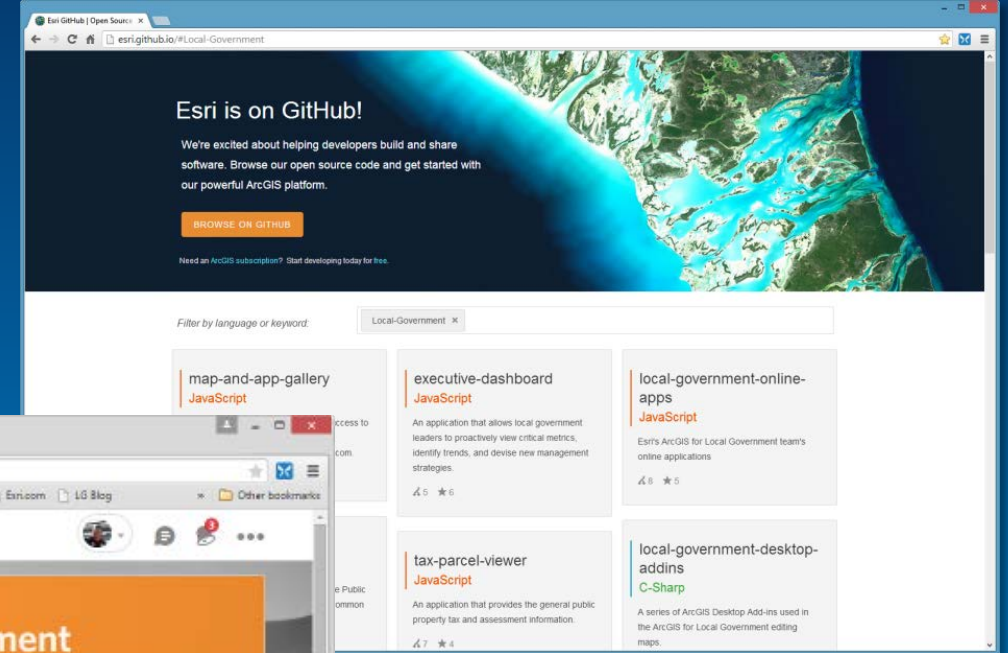
- **Address Data Management (v. 2.0 or v. 3.0....)**
 - Enhanced data management tools
 - Simple info products that compliment address workflows
 - Markups, field address verification, etc.
- **Administrative Boundary Data Management**
- **Next Gen Address Crowdsourcing**
 - Configuration of Crowdsourc Reporter application
- **New Data Aggregation Solutions**
 - Road Centerlines
 - Administrative Boundaries
 - Critical Facilities
- **New Address Standards**
 - NENA, FGDC, etc.

The Community

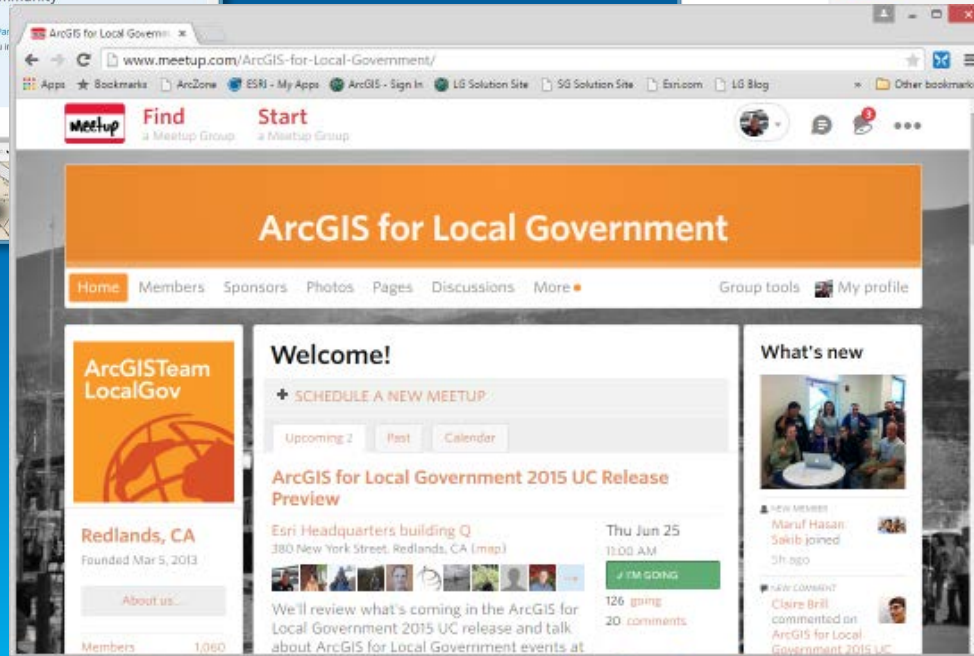
It's not just about the technology



Destination where government's can collaborate



Place where developers can contribute too



Ongoing dialog to share success stories and learn from others

Closing

- Deliver a “state and local government GIS” that enables success
 - Easier to deploy and sustain
- Evolve and grow the collection of apps
- Develop a community of users
- Provide a platform for partners to deploy their solutions

Thank you...



<http://solutions.arcgis.com>



<http://meetup.com/ArcGIS-for-Local-Government/>
<http://meetup.com/ArcGIS-for-State-Government/>



@ArcGISLocalGov
@ArcGISStateGov

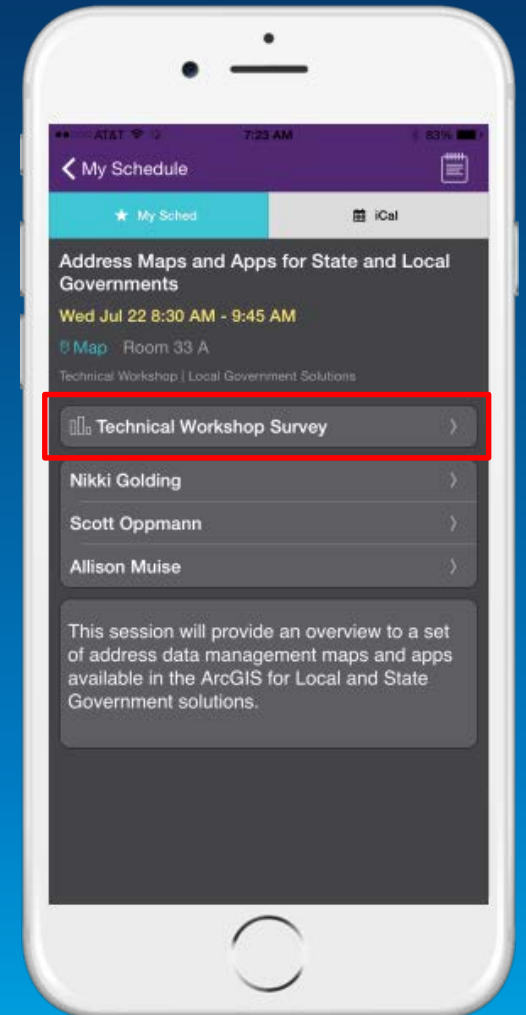


<http://esri.github.com>

Please fill out the session survey:

Mobile – Esri Events UC mobile app

Paper – Pick up and place in drop box





Understanding our world.