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

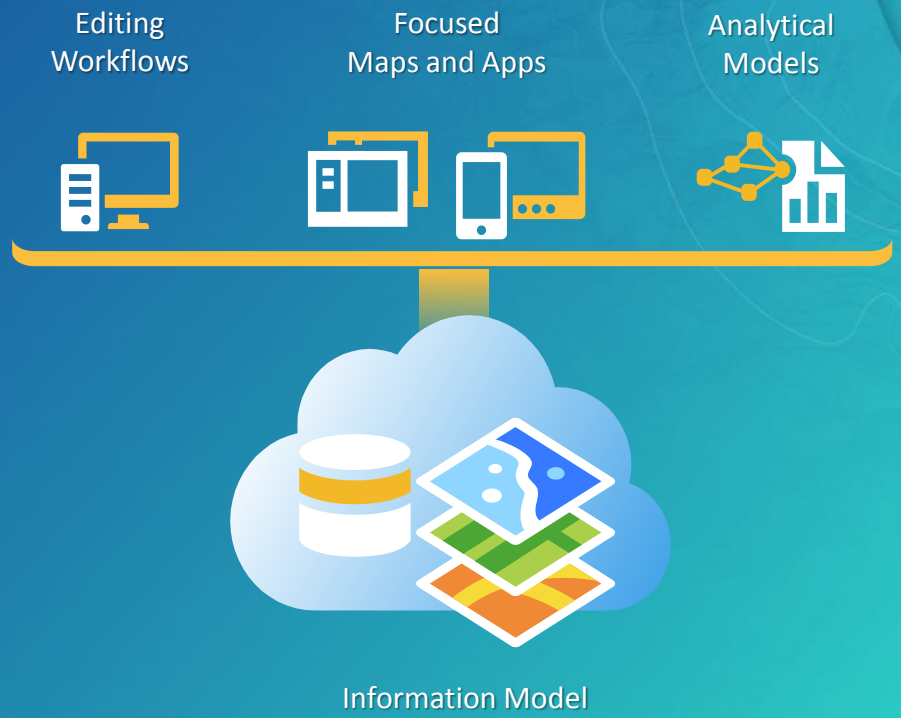
Simple, Open, and Configurable

Making Mapping and GIS
Available Across Your Organization

ArcGIS for State and Local Government

Solutions for Esri's government customers

- Collection of useful maps and apps
  - 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



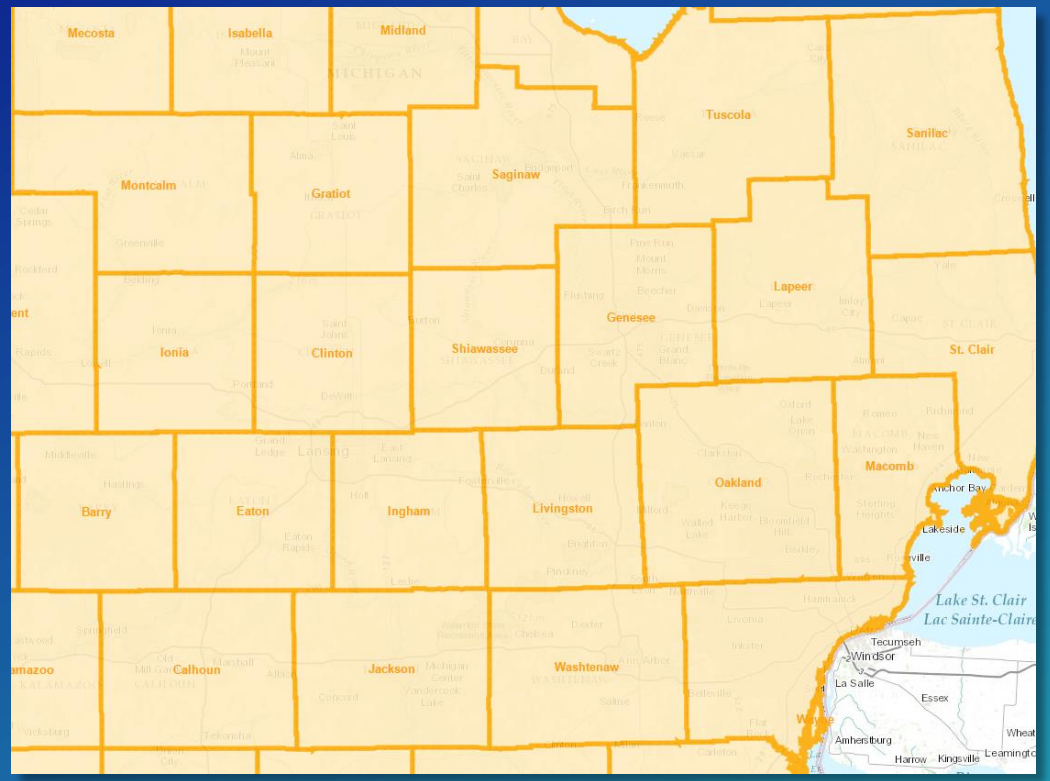
.....Available on-premise or in the cloud

Our Mission

- Deliver maps and applications quickly throughout their organization
  - Roadmap for standard capabilities, improve service delivery, expand reach, innovation….
- Stay current with future releases / avoid legacy technology
  - Save time and money, leverage new ArcGIS offerings, focus on complex or unique problems….
- Unlock geospatial platform so it can be leveraged by many
- Leverage the collective knowledge of the entire community
  - Best practices, industry tradecraft….

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.

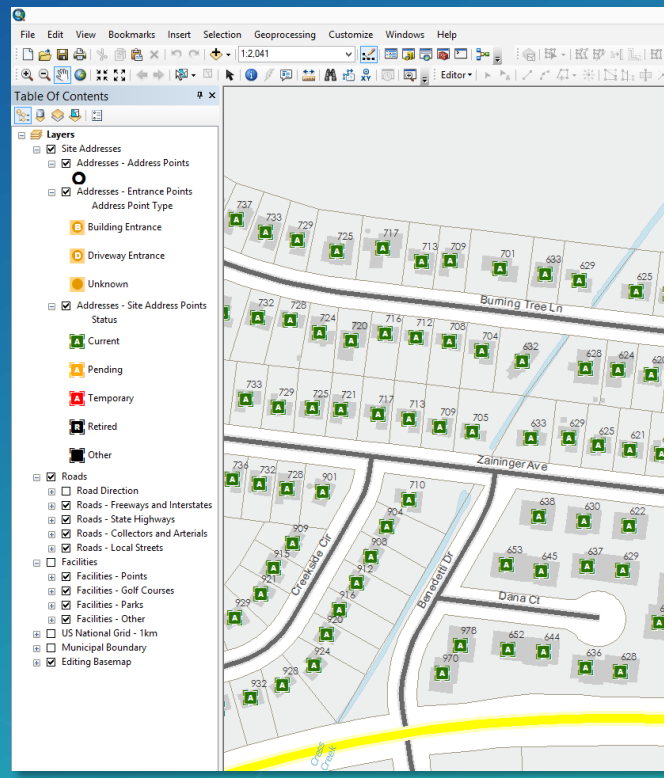
Address Maps and Apps

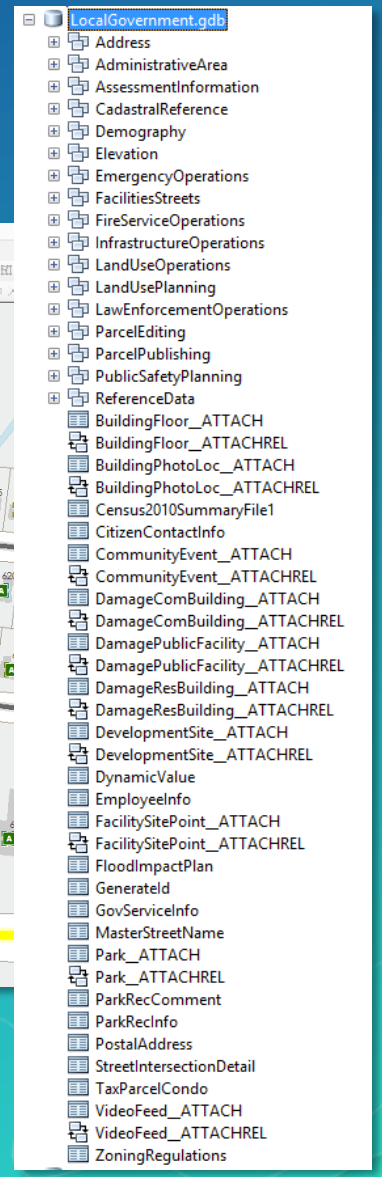
Simplifying Address Data Management in Local Government

- Address Data Management
  - Maintain road centerline, facilities, site addresses and related postal addresses
  - Focused tools and add-ins
  - Flexible information model with address guidelines (NENA, USPS, FGDC) already incorporated
  - Standard locators
- Data Reviewer for Addresses
  - Continuously improve address data quality
- Address Field Verification
  - Validate existing address information and collect new addresses discovered in the field
- Address Crowdsourcing
  - Leverage third-parties to improve address content and quality

Local Government Information Model

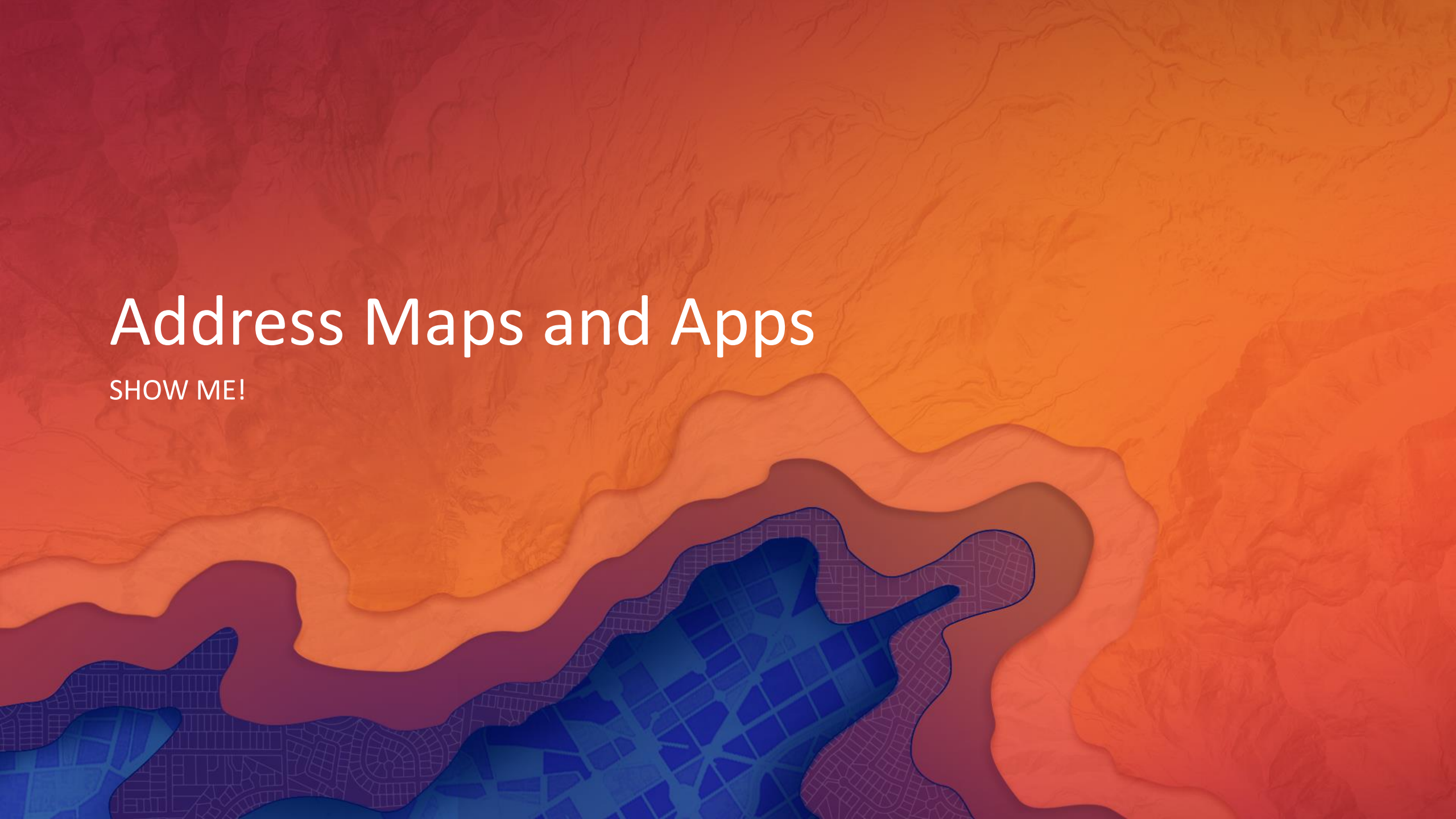
- Supports maps and apps
  - Local government requirements
  - Easy to adopt and extend
- Fully documented
  - Features, layers and packages
- Address standards incorporated
  - NENA (E911 content)
  - USPS (Postal address structure, domains, etc.)
  - FGDC (Additional content check)





Address Maps and Apps

SHOW ME!



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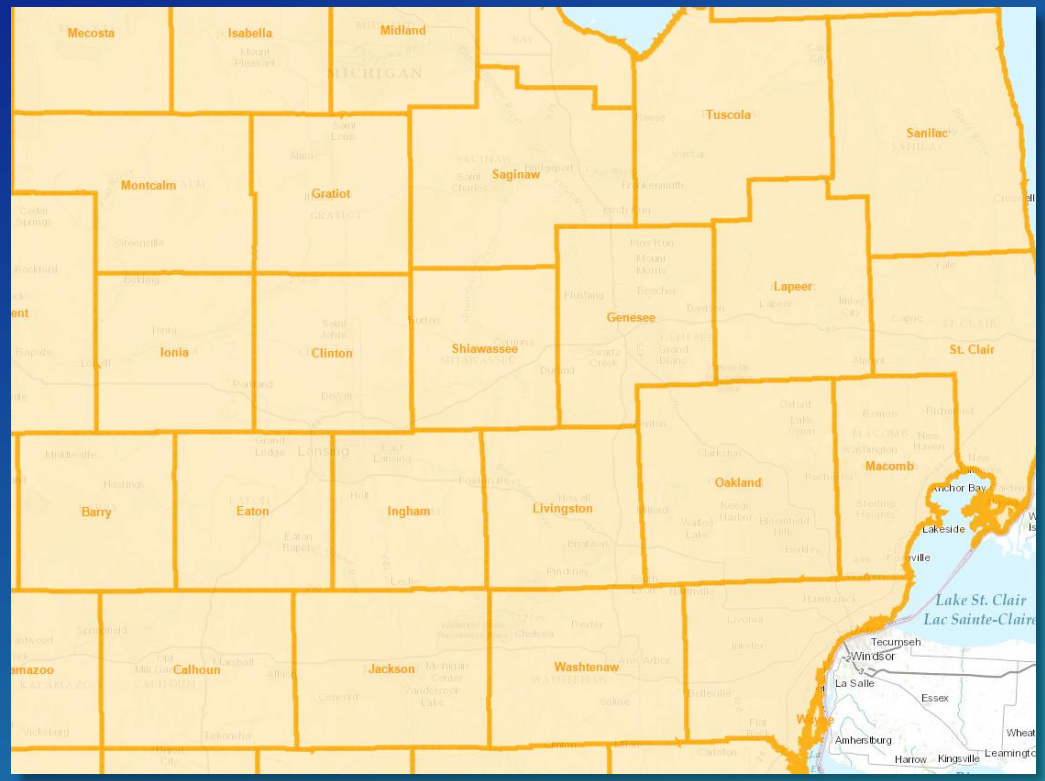

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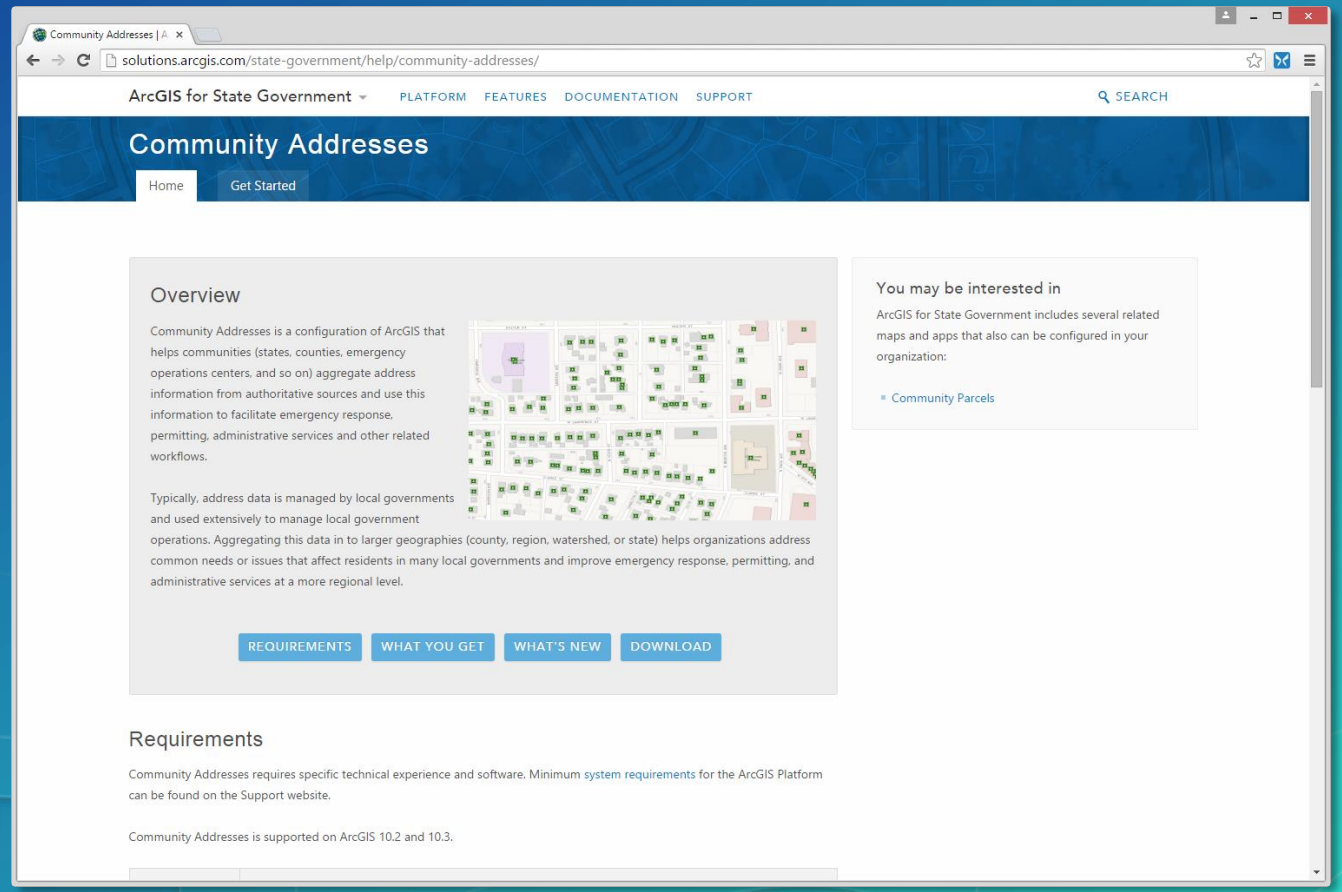
Address Maps and Apps

Simplifying Address Data Aggregation in State Government

- Community Addresses
- Standard Locators



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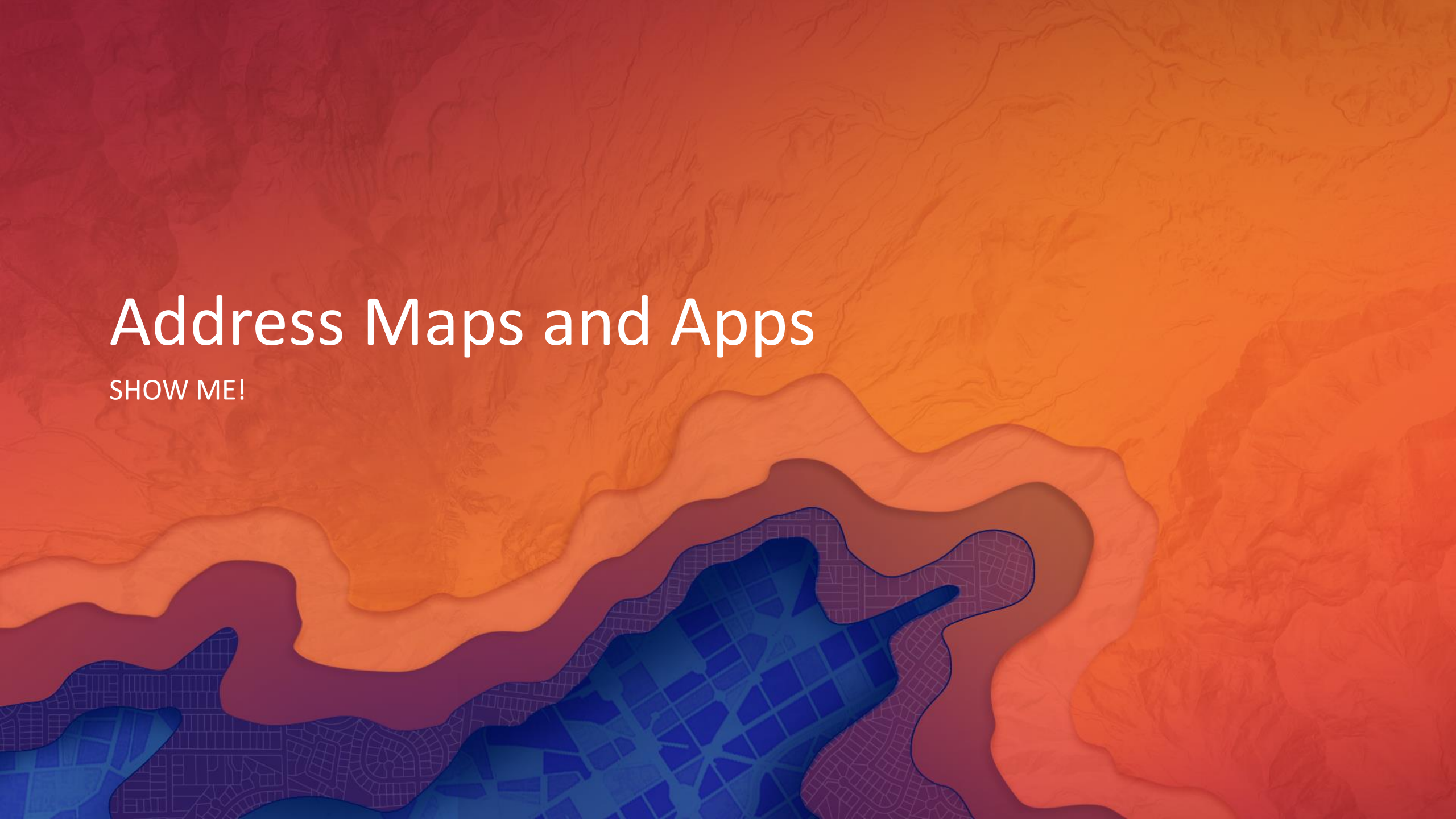


Community Addresses

How does it come to life?

Authoritative address data from data custodians

Single Community Address layer

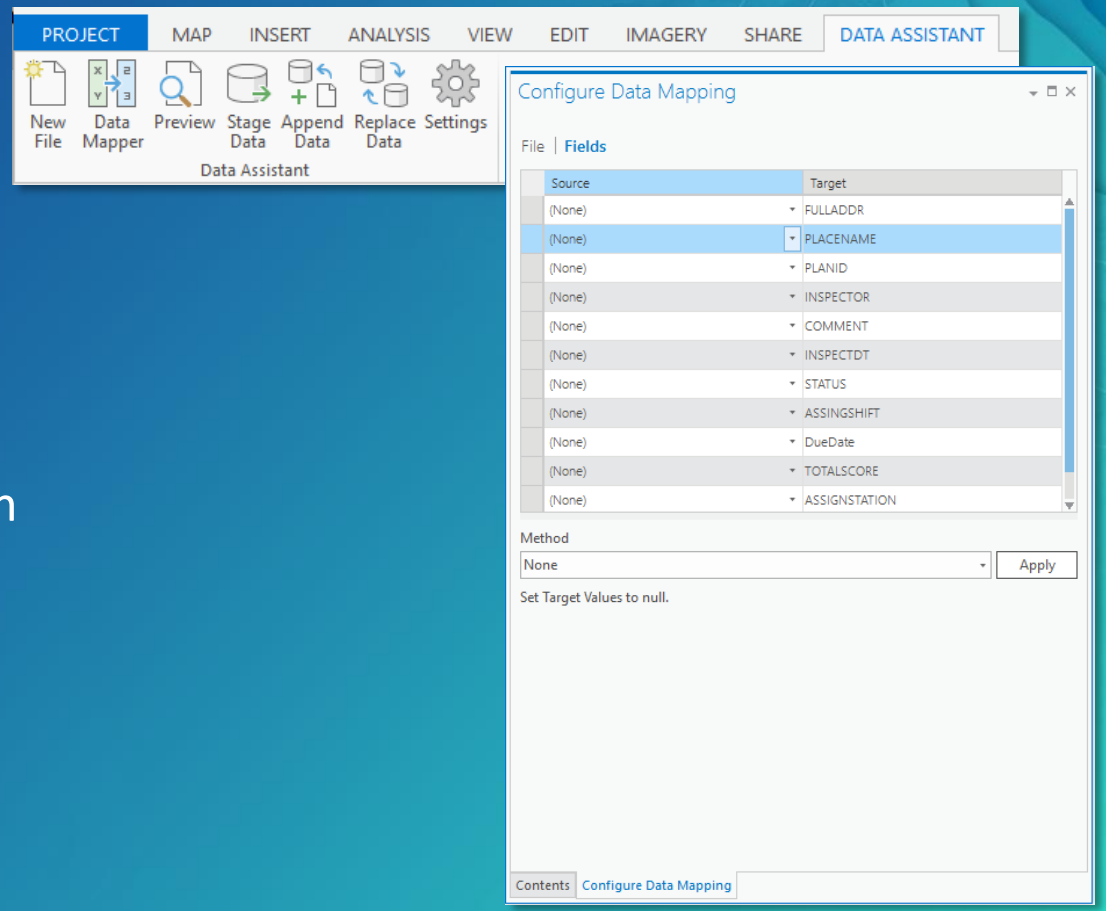
Seamless address information products, locators, etc.

Leverages Esri's address data management solution…

….and supports other data management workflows

Data Assistant

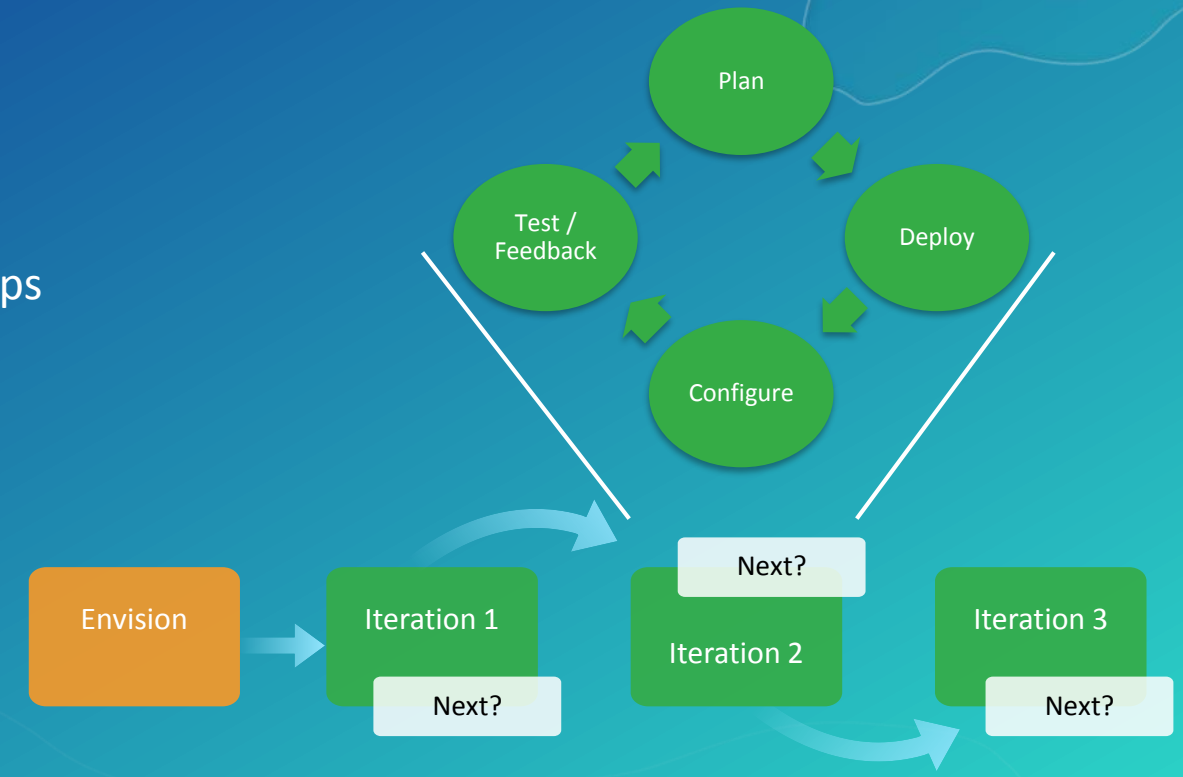
- ArcGIS Pro Add-in that simplifies data movement
  - Extract
  - Transform
  - Load
  - Repeat…
- Works with services and feature classes
- Can preview results
- Originally designed to help with data aggregation
- Delivered with existing solutions
  - Community Addresses
  - Community Parcels



How do I get started?

Leverage solution offerings to maximize technical expertise and minimize deployment time

- Deploy quick wins
  - Configure your mapping platform
  - Align with strategic business needs
  - Organize your data
  - Implement one or more focused maps and apps
  - Iterate….



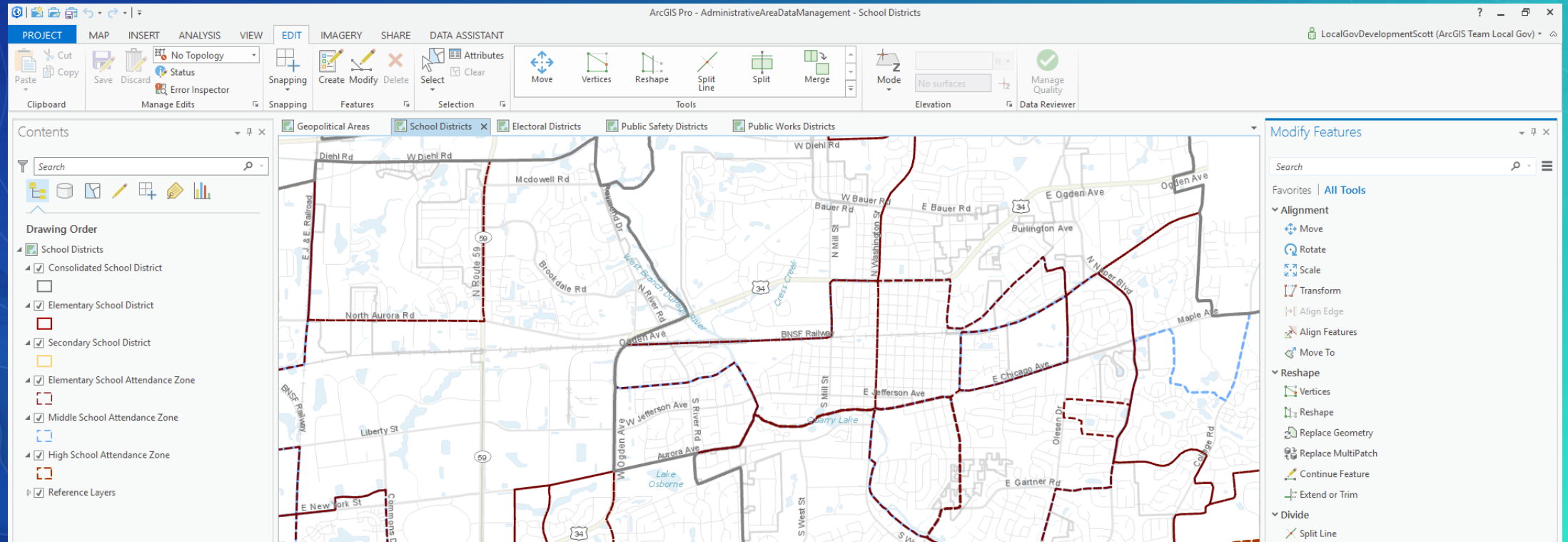
…embrace an agile implementation approach

It’s a Process

CONTINUOUSLY EVOLVING SOLUTION

What's New

- Administrative Area Data Management
  - Inventory and maintain administrative areas (geopolitical areas, school districts and attendance zones, voting precincts, public safety districts, and service boundaries)
- Simplified deployment approach
  - ArcGIS Solutions Deployment Tool



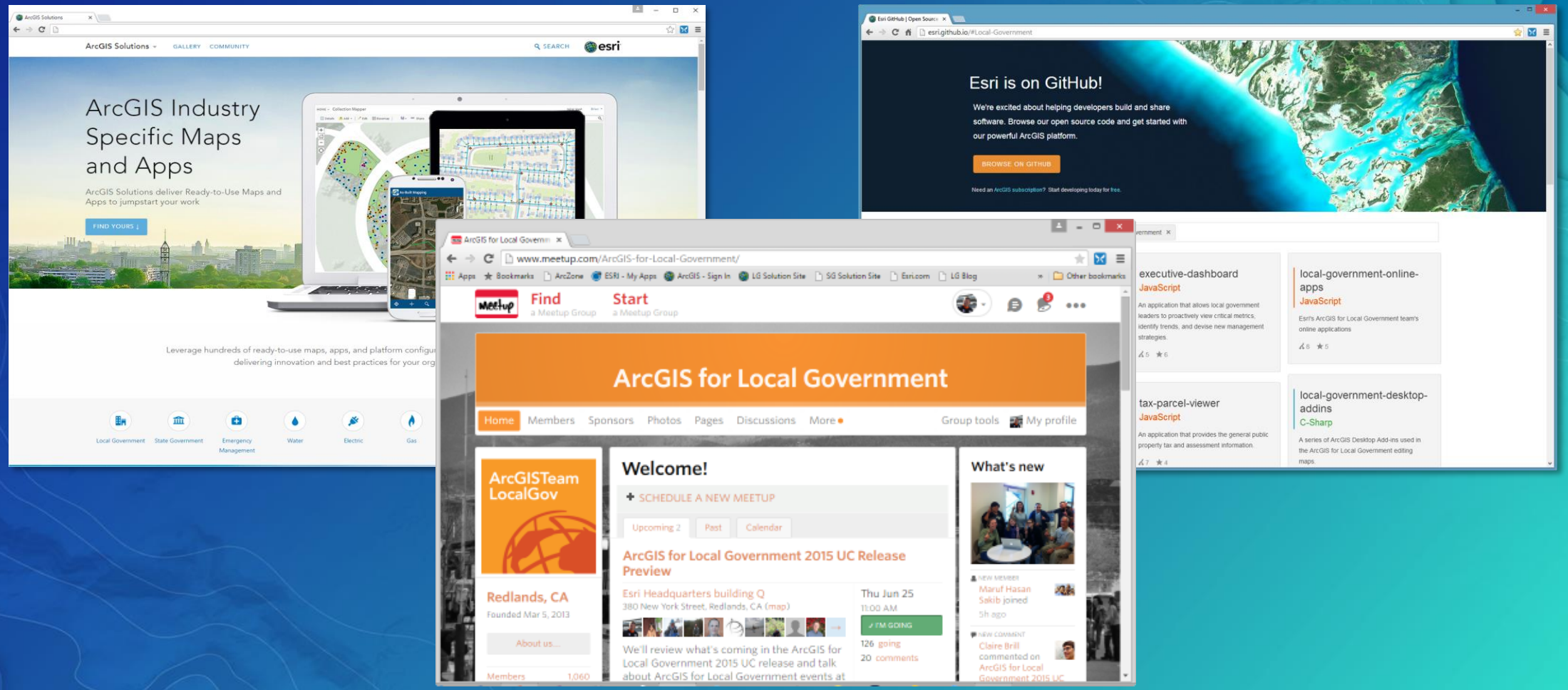
Coming Soon

Continuously Evolving Solution Offering

- Address Data Management (v.3.0 or v.4.0….)
  - ArcGIS Pro tasks and tools
  - Simple info products (markups, etc.) that compliment address workflows
  - Web-based data management tools
- New Data Aggregation Solutions
  - Road Centerlines
  - Critical Facilities
- New Address Guidelines
  - NENA, etc.

Join the Community

It’s not just about the technology



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

UC Events

- ArcGIS for State and Local Government Sessions
  - Fourteen tech workshops
  - Seventeen demo theatre sessions
- Special Interest Group
  - Wednesday lunch for LG
- State and Local Government Social
- Solution Island
  - Focused conversations / support

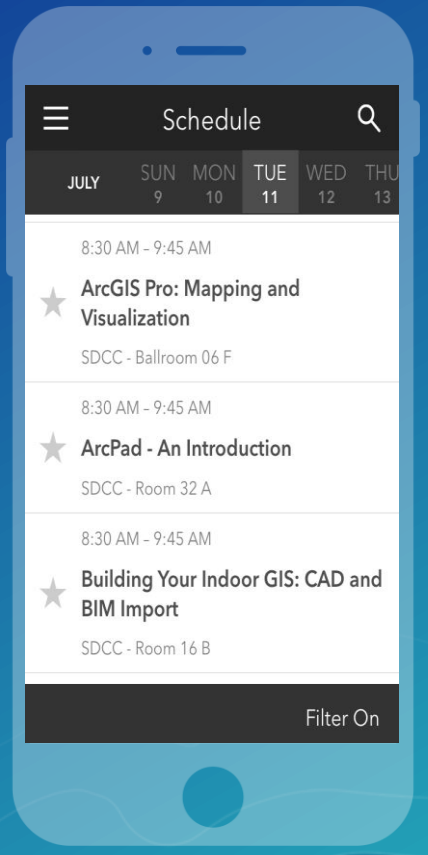
Search for: "ArcGIS for Local Government" or "ArcGIS for State Government"

http://www.esri.com/events/user-conference/agenda

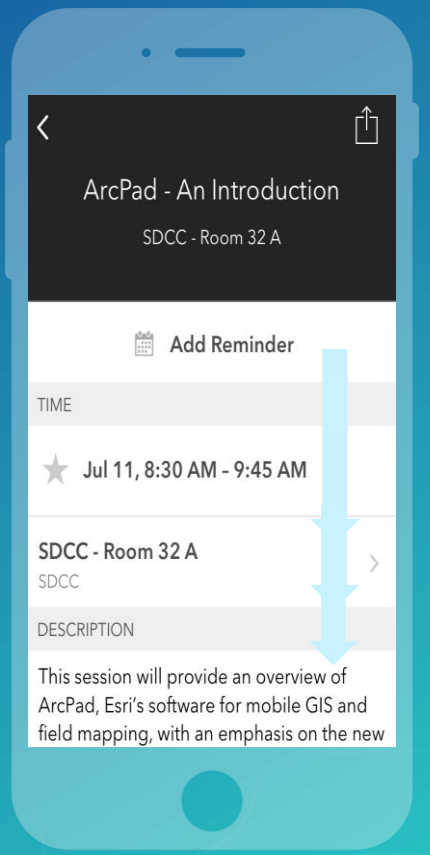
Please Take Our Survey on the Esri Events App!

Download the Esri Events app and find your event

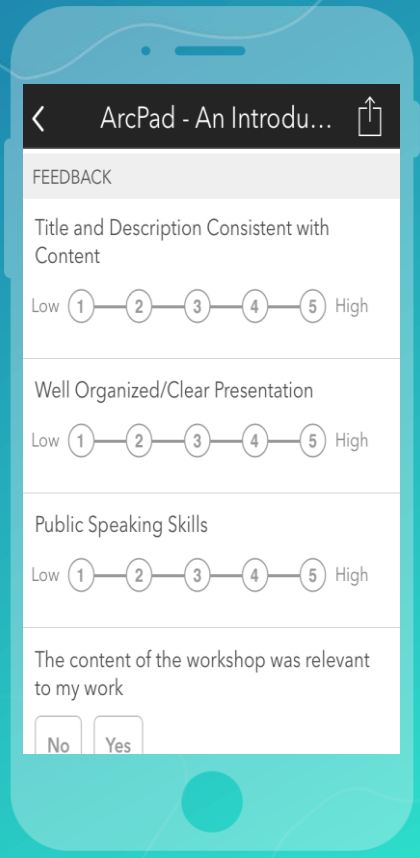
Select the session you attended



Scroll down to find the survey



Complete Answers and Select "Submit"



Thank you

Be innovative, aware, and know you are not alone

- http://solutions.arcgis.com
- http://meetup.com/ArcGIS-for-Local-Government/
  http://meetup.com/ArcGIS-for-State-Government/
- @ArcGISLocalGov
  @ArcGISStateGov
- http://esri.github.com

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