



# ArcGIS for Local Government: Public Works Maps and Apps

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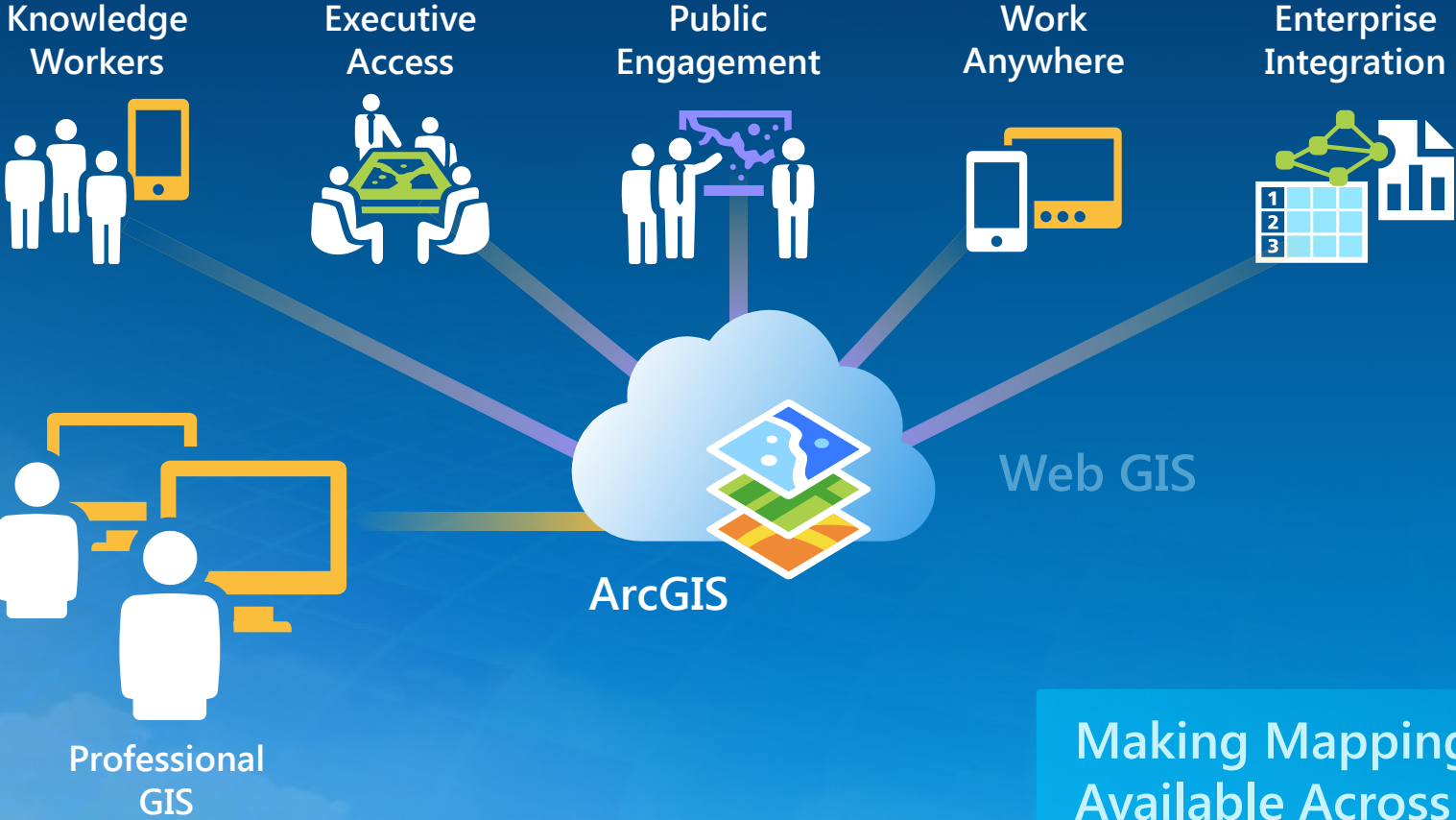
# Agenda

- 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

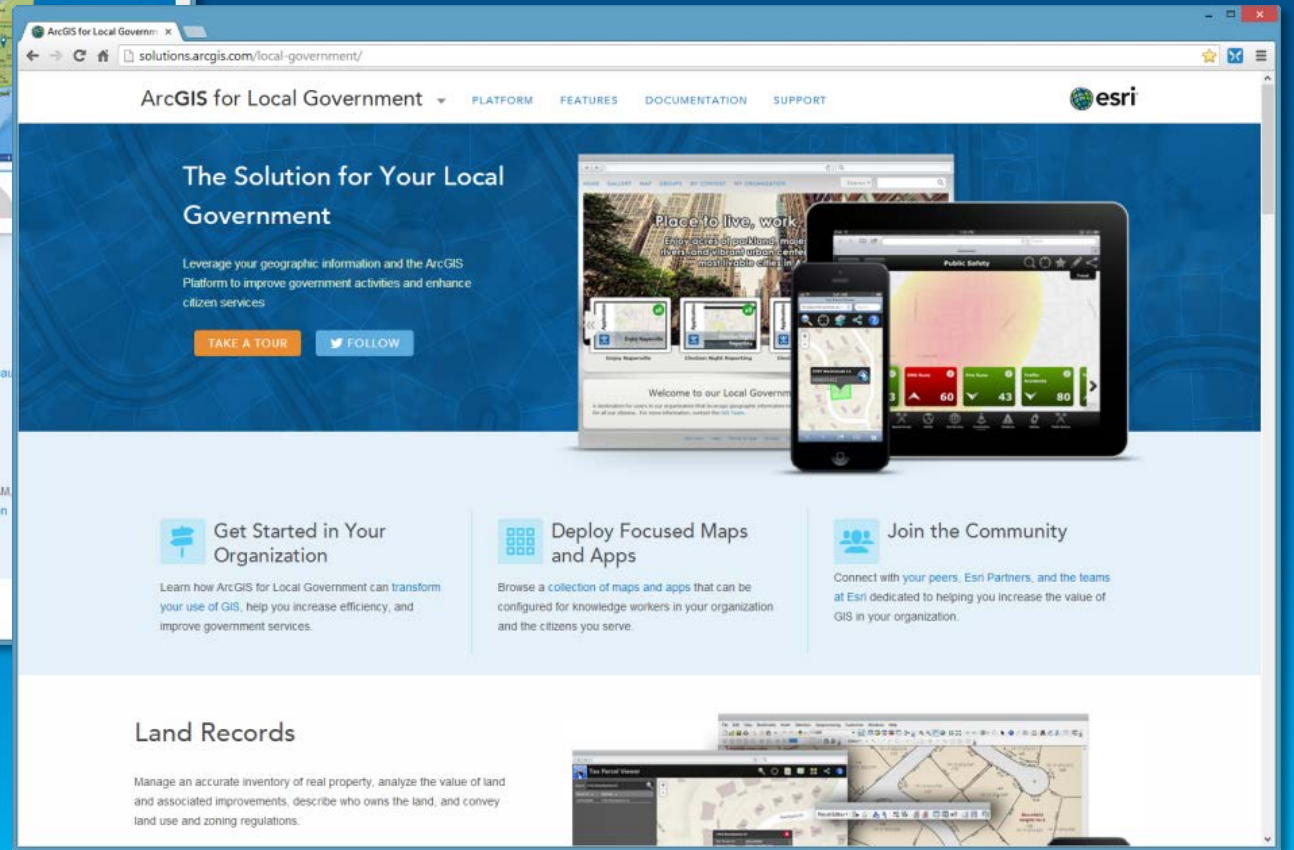
## The Mapping Platform for Your Organization

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

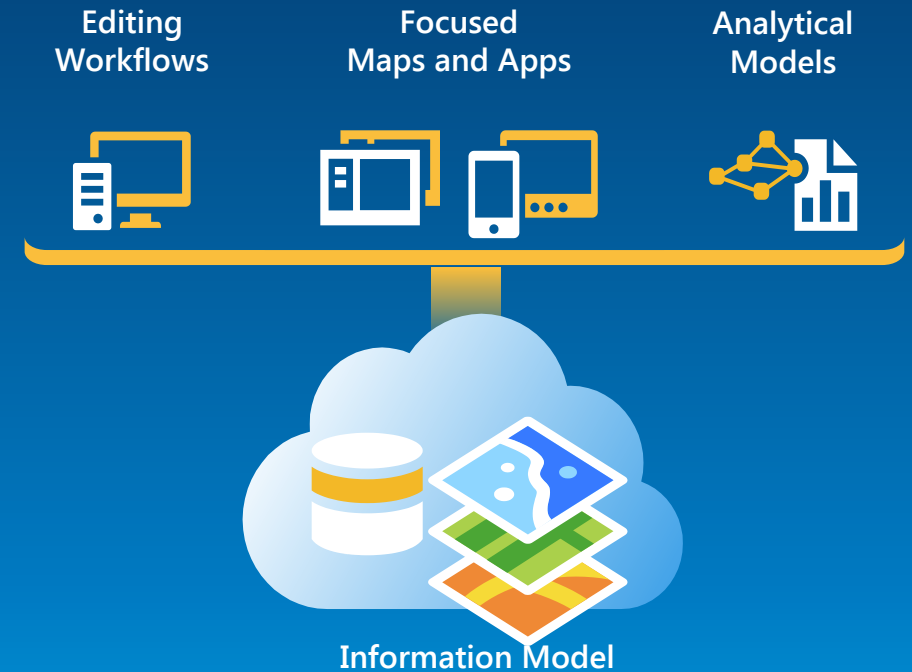
Manage an accurate inventory of real property, analyze the value of land and associated improvements, describe who owns the land, and convey land use and zoning regulations.

## Solutions

# ArcGIS for Local Government

Esri's solution for local 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 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

# ArcGIS for Local Government

Public Works Maps and Apps

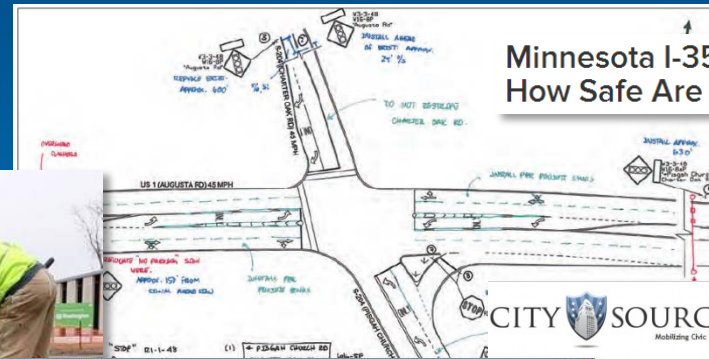


# Today's Public Works Business Requirements

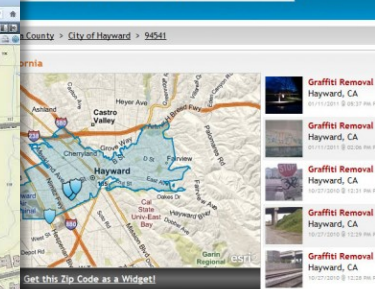
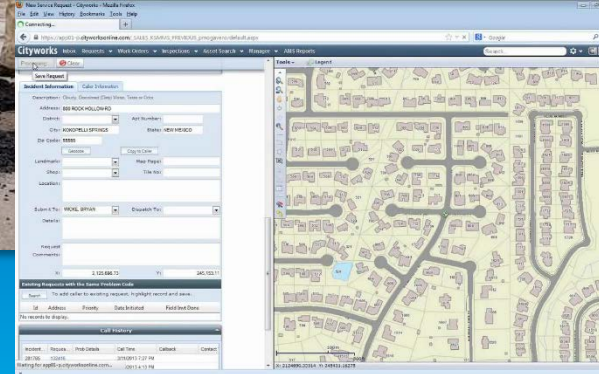
Expectations and business requirements have changed

- Historically, CAD and "paper" have been used to support mapping
- But, today's business environment have changed these requirements.....

Dwindling U.S. highway cash puts Michigan road funding in jeopardy



Minnesota I-35 Bridge Collapse Anniversary: How Safe Are Drivers Now?





*City of*



Public Works Maps and Apps

# Our Goals

Expand the use of location-based data in public works organizations

- Developed focused maps and apps that address key workflows in:
  - Mapping and Design
  - Transportation Planning
  - Right of Way Operations
  - Parking
  - Citizen Services
- Leveraged ArcGIS Online as a platform for public works information and workflows
- Organized a community of users to guide the solution offerings
  - Starting with City of Tampa, FL

# Public Works Maps and Apps

## Transportation Planning

Sidewalk Inventory

Signal Inventory

Public Parking

Road Closures

## Right of Way Operations

Sign Inventory

Streetlight Inventory

Bridge Inventory

Road Maintenance Agreements

Guardrail Inventory

Street Tree Inventory

Railroad Crossing Inventory

Street Furniture Inventory

Pavement Marking Inventory

SnowCOP

## Mapping and Design

Plans and Drawings

Road Network Management

Capital Project Planning

## Geo-enable Public Works Organization

Model ArcGIS Online Organization

# Public Works Maps and Apps

Collaborate with other stakeholders



## Prepare for Incidents and Events

A collection of maps used by engineering and operations staff to prepare for incidents or events, develop response plans, and communicate road closures.



## Connect with Citizens

A collection of maps used by citizens to locate parks, obtain information about public works services, and submit requests for service in their community.



## Maintain Facilities and Grounds

The Campus Editing map can be used by mapping technicians to maintain building, interior space, and exterior campus features.

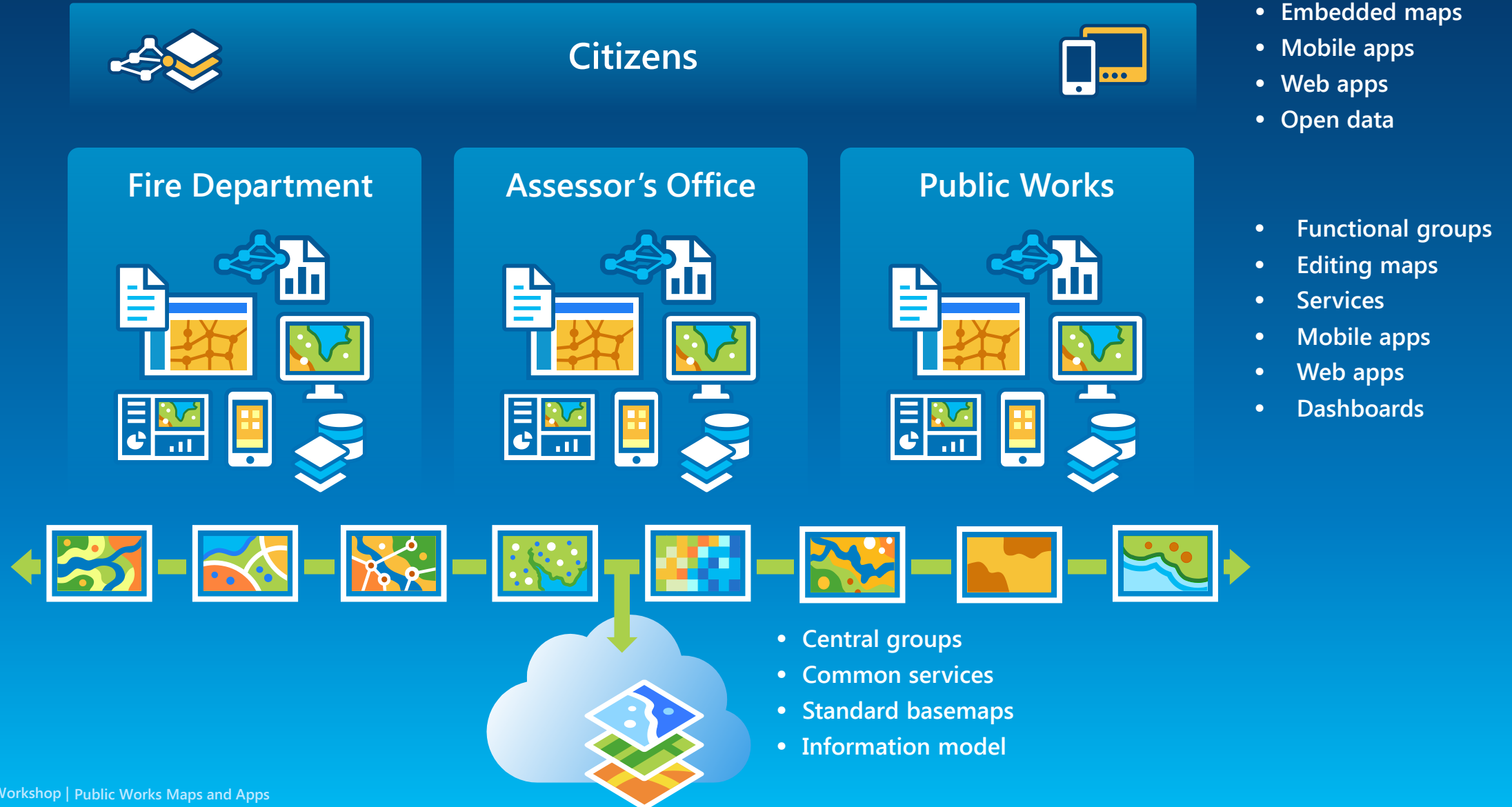
# Show Me!

Public Works Maps and Apps



# A System View

Deploying ArcGIS for Local Government



# 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

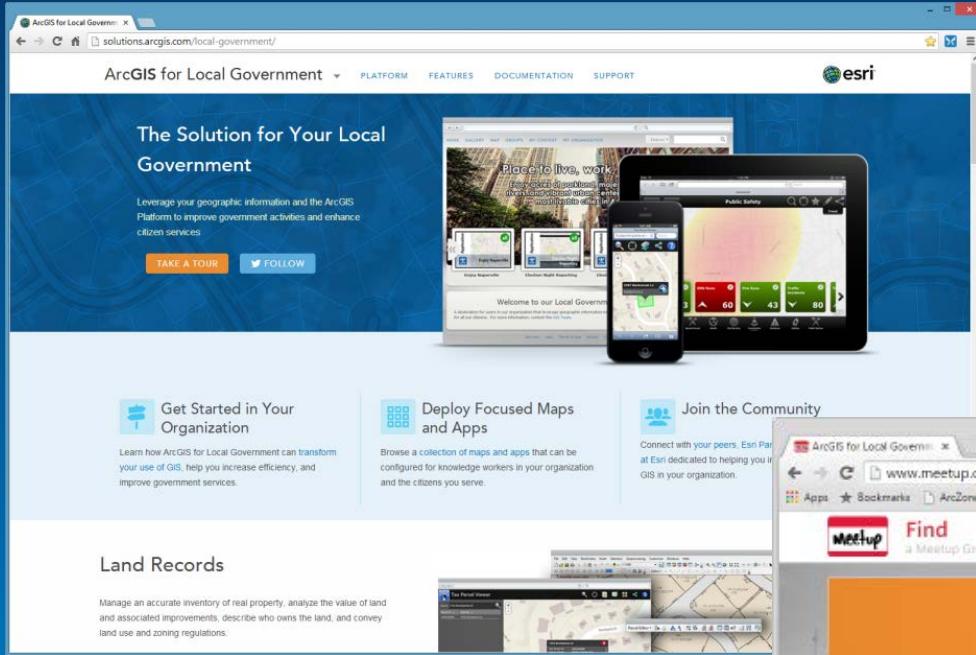
## 2. Deploy quick wins

- 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....

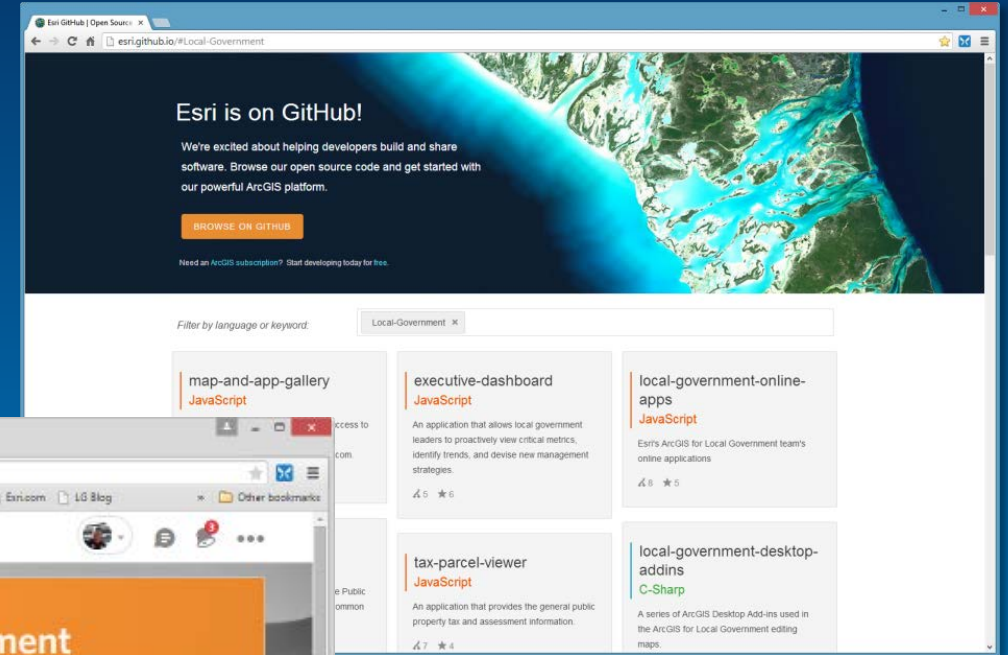


# The Community

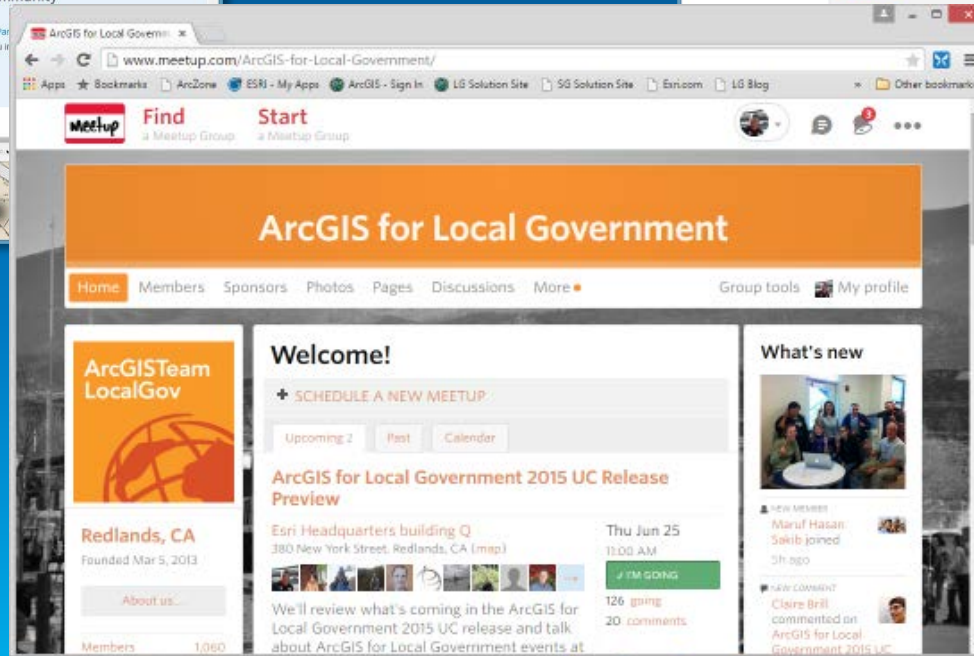
It's not just about the technology



Destination where government's can collaborate



Place where developers can contribute too



Ongoing dialog to share success stories and learn from others



# What's Next?

Continuously Evolving Solution Offering



# It's a Process

Continuously Evolving Solution Offering

- **Signaled Intersections**
- **Capital Project Planning**
  - Tracking and Reporting
- **Pavement Management**
  - Micropaver integration, citizen information

...as we expand community engagement and develop partner and professional service offerings

# Thank you...



<http://solutions.arcgis.com>



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



@ArcGISLocalGov

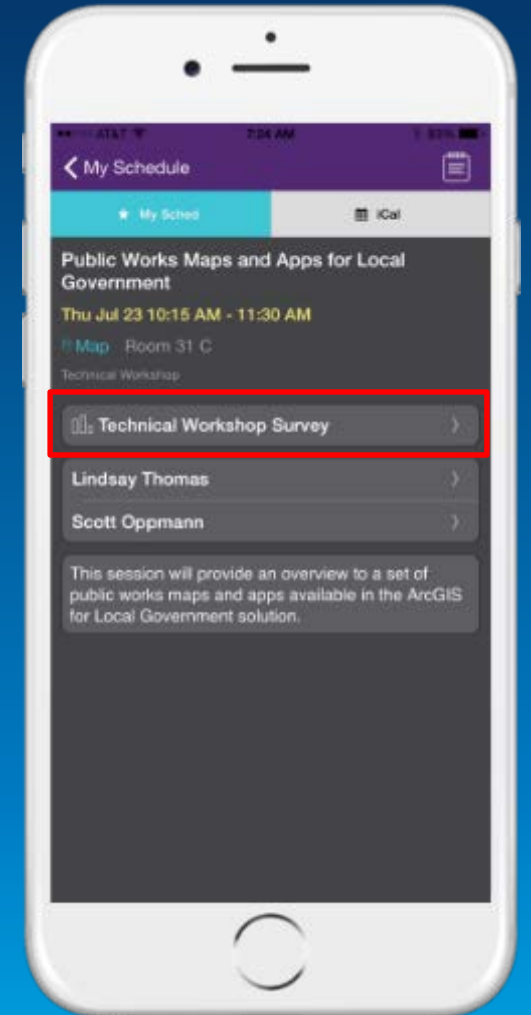


<http://esri.github.com>

Please fill out the session survey:

Mobile – Esri Events UC mobile app

Paper – Pick up and place in drop box





Understanding our world.