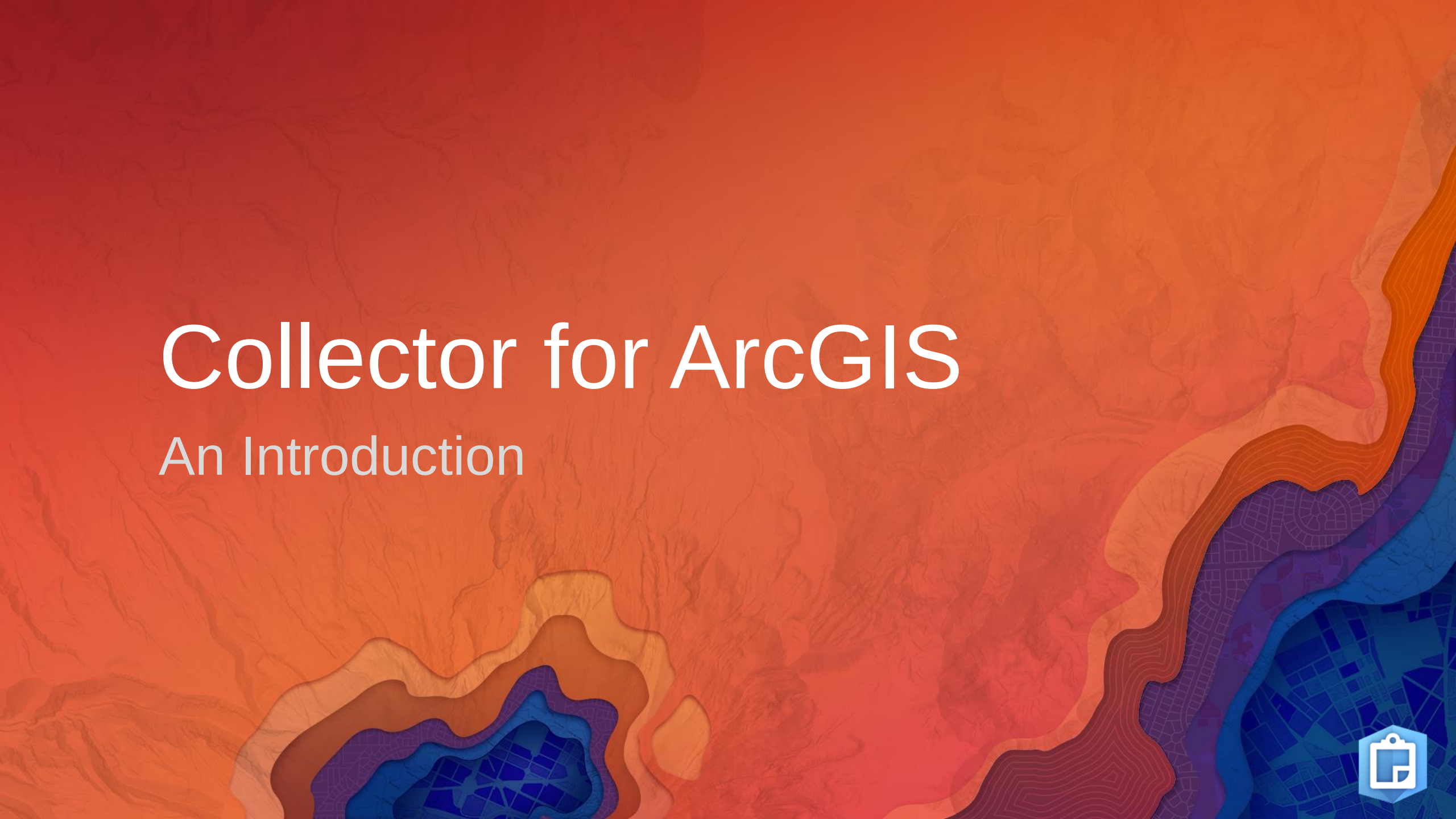
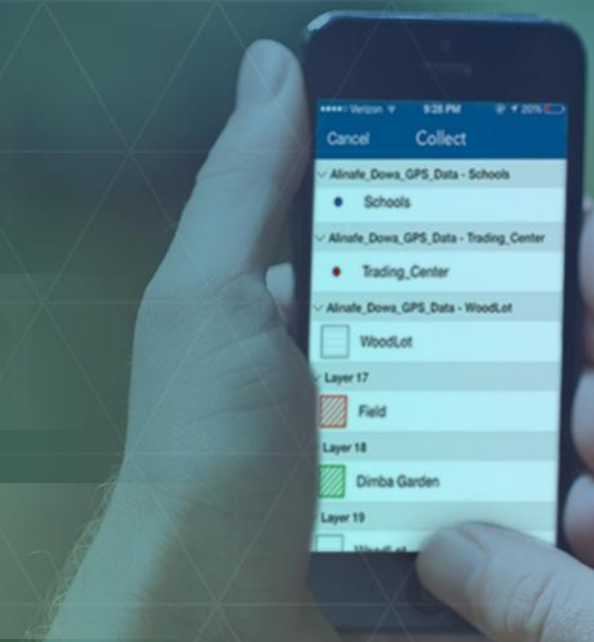
Collector for ArcGIS

An Introduction



Collector for ArcGIS

- Web Maps
- Work Offline
- High Accuracy GPS



ANDROID APP ON Google play

Available on the App Store

Download on the Windows Store

Collector for ArcGIS| How is it being used?

Collect and Maintain Data

Capture Observations

Perform Rapid Assessments

Collector for ArcGIS| Asset Inventory

- Improve accuracy and currency of data
- Modernize field workflows

Sign Inventory

UAV Flight Control

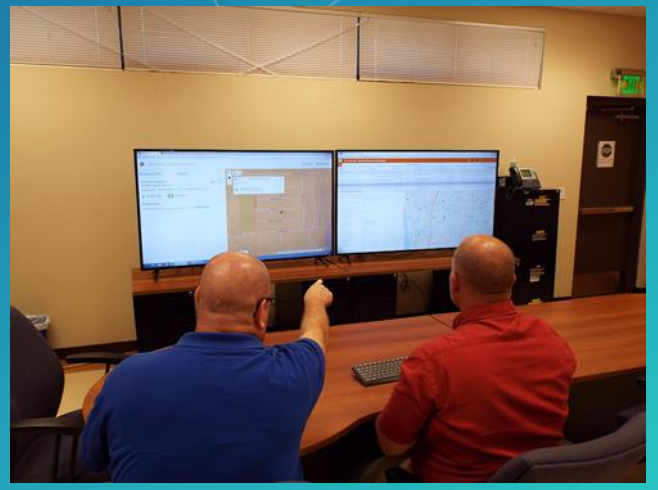
Hydrant Collections

Collector for ArcGIS| Asset Maintenance

- Replace redundant, inefficient field processes
- Improve operational efficiency

Aquatic Surveys

Pipeline Operations



Mosquito Control

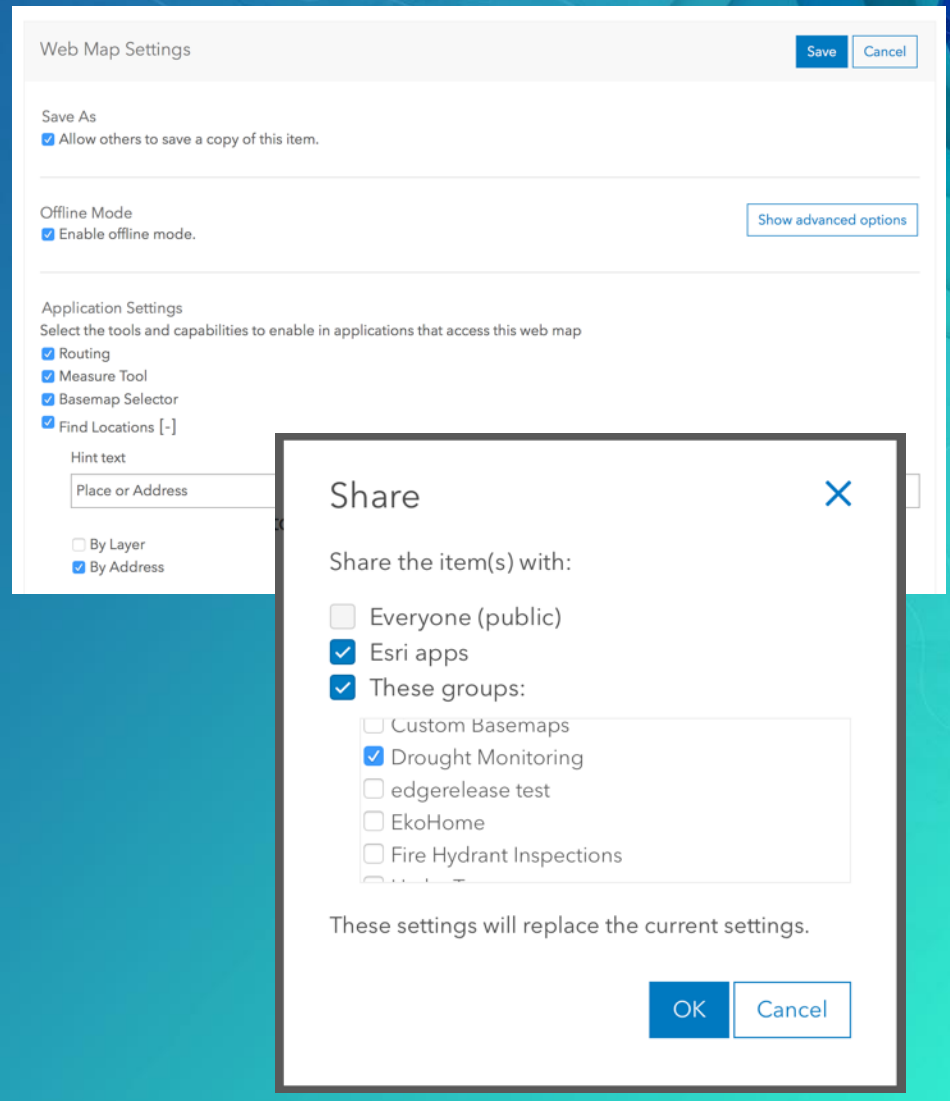
Collector for ArcGIS| Le-Ax Water District

Travis Anderson
Civil Engineer

Deploying Mobile Solutions| Collector uses Web Maps

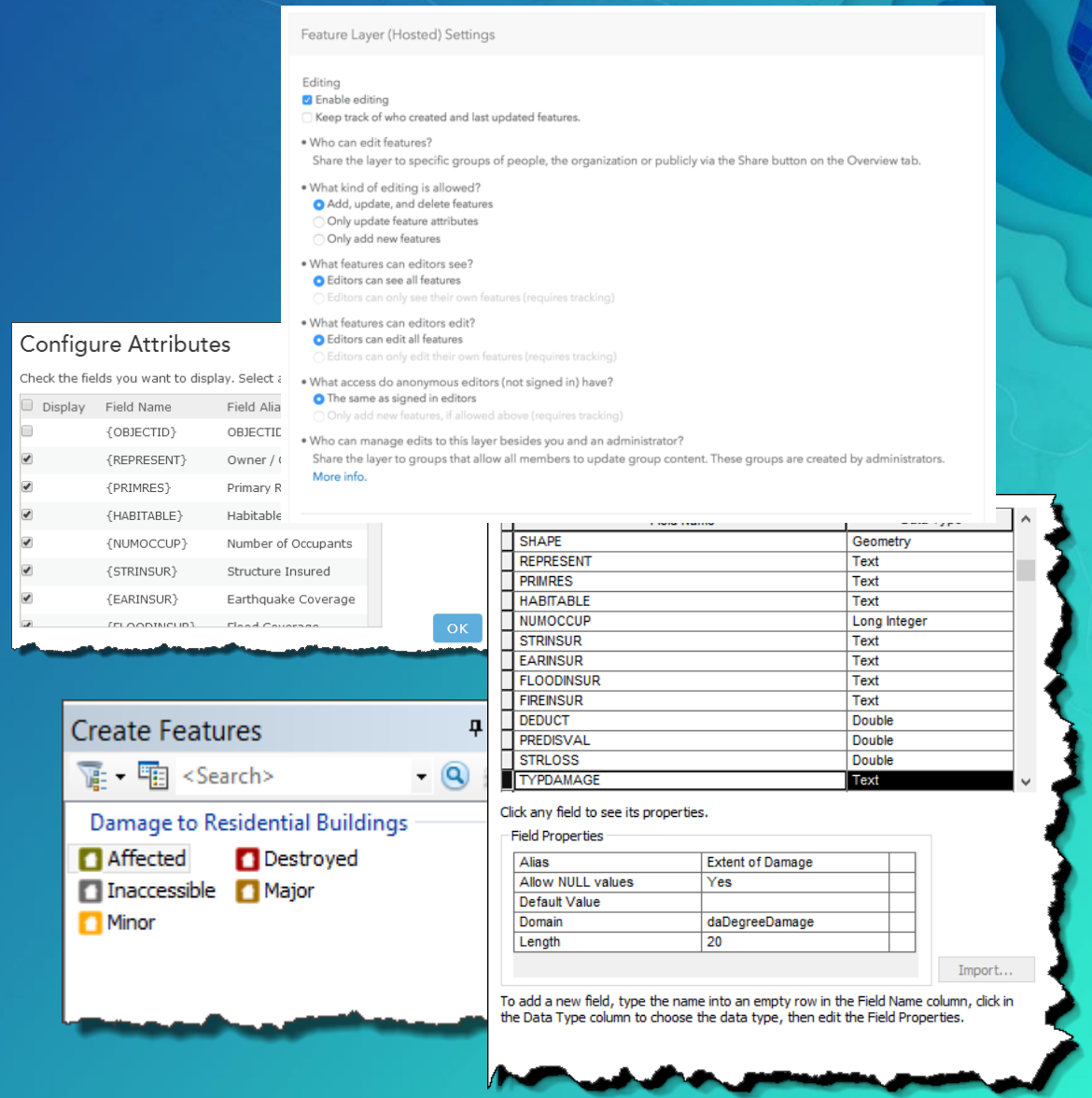
- **Collector uses maps that include:**
  - Layers from 1+ feature services (editable)
  - Location Tracking layer (optional)
  - Basemap
  - Application settings
  - Offline Mode advanced settings

- **Share Maps to field workers using Groups:**
  - Create Named Users for each field worker
  - Invite field workers to groups
  - Share maps into groups



Collector for ArcGIS| Edit Using Feature Layers

- **Supported Types:**
  - ArcGIS Online (Hosted)
  - ArcGIS Server (On Premise)
- **Supported Operations:**
  - Editing options
  - Sync capabilities
- **Popups and fields:**
  - Define the form experience in Collector
  - Take advantage of Geodatabase capabilities
    - Domains and Subtypes
    - Related Tables
    - Feature Templates
    - Field validation
    - Editor tracking

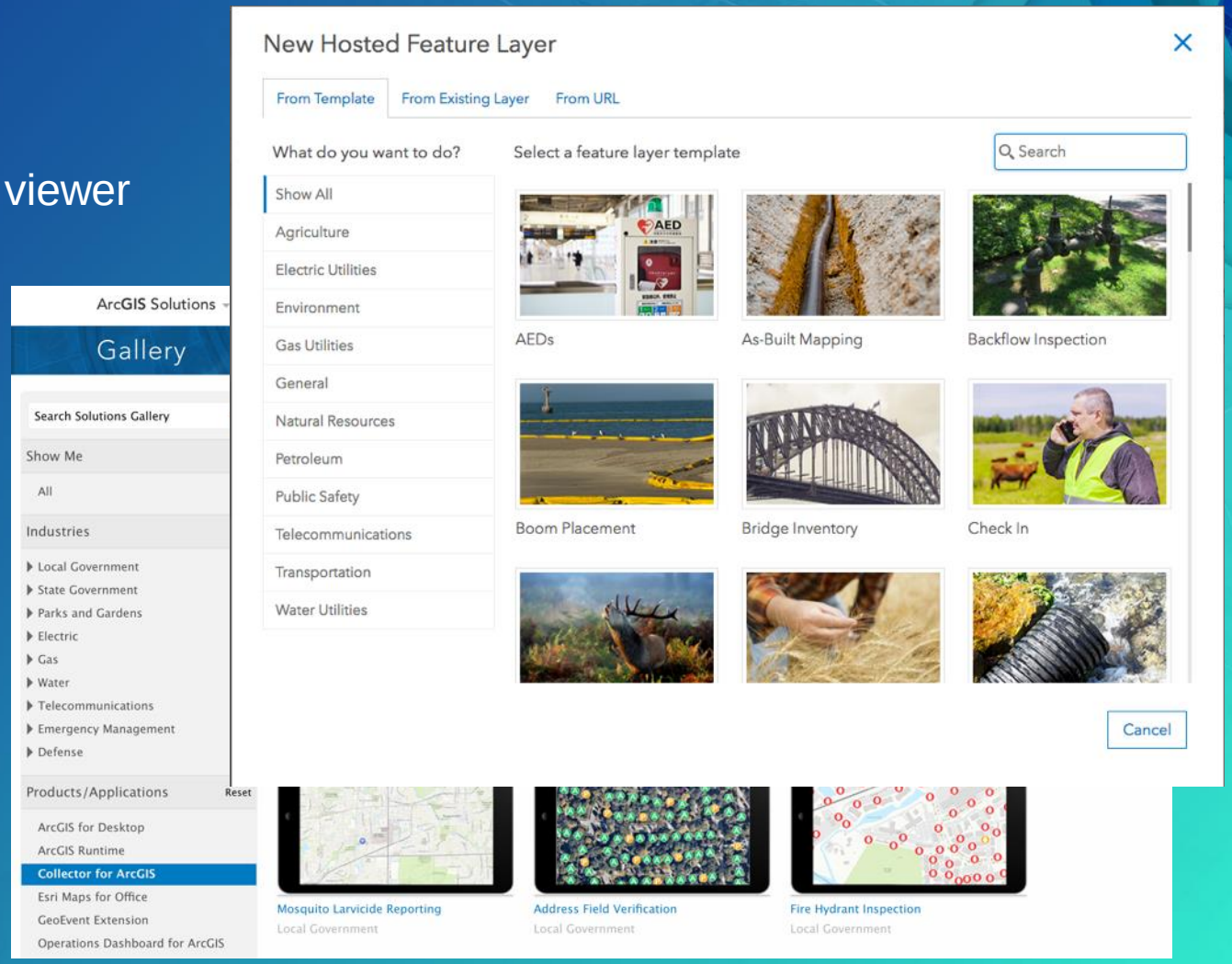


Collector for ArcGIS| Jump Start With Templates

- Templates for creating new feature layers
- Use directly *or* fine tune them with the map viewer

- Examples:
  - AEDs Inventory
  - Boom Placement
  - Bridge, guardrail inventory
  - Water quality assessment
  - Environmental Impact
  - Ground Control Points

- Over 60 Collector-based Solution Templates!



Demo

Collector | New Feature Highlights

High Accuracy Data Collection

- Set a location provider
- Define a location profile
- Attach accuracy information to your data
- Receive alerts and notifications
- GPS averaging

Additional Enhancements

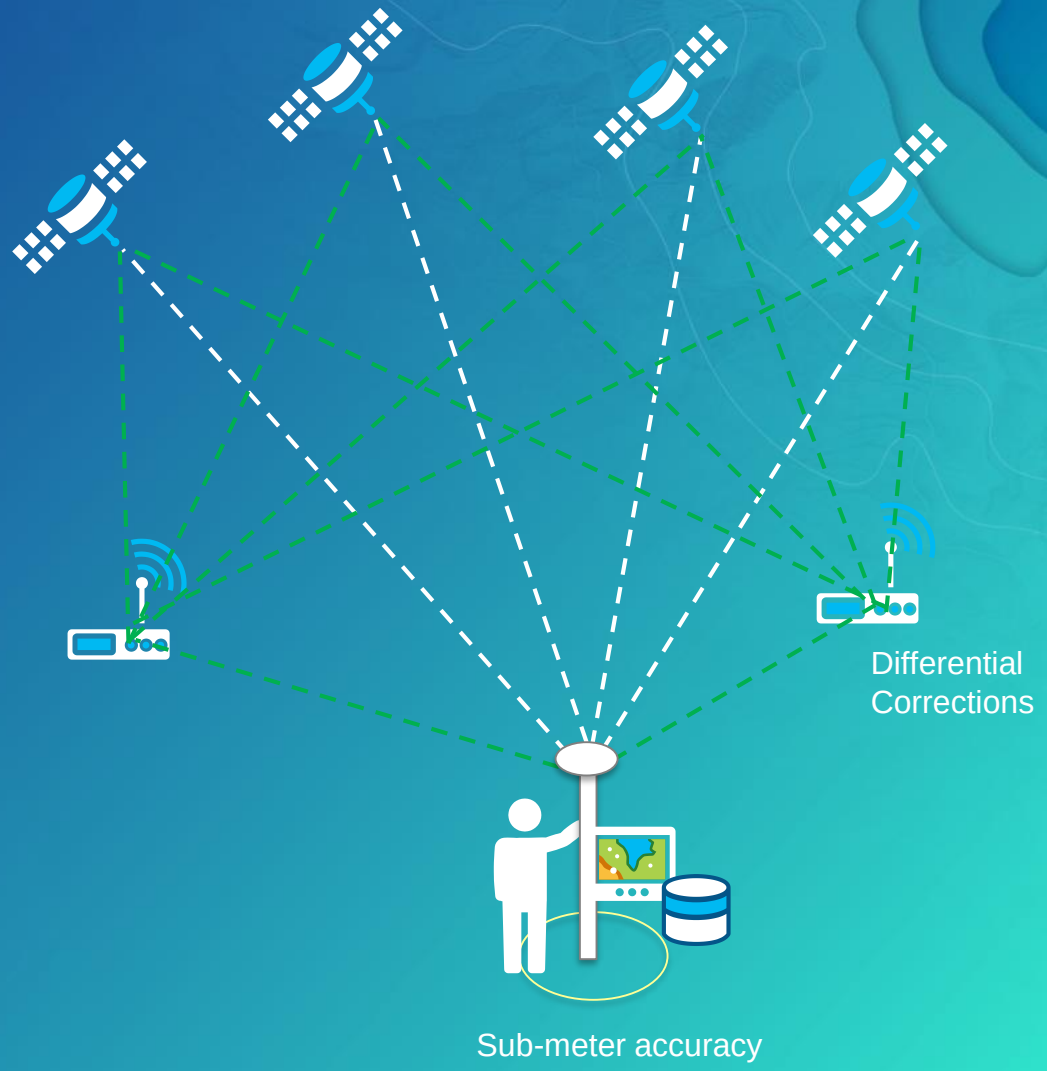
- SD card support for basemaps (Android)
- Renaming media

App Integration

- Workforce, Navigator

Collector HA Python Scripts

Collector URL Scheme

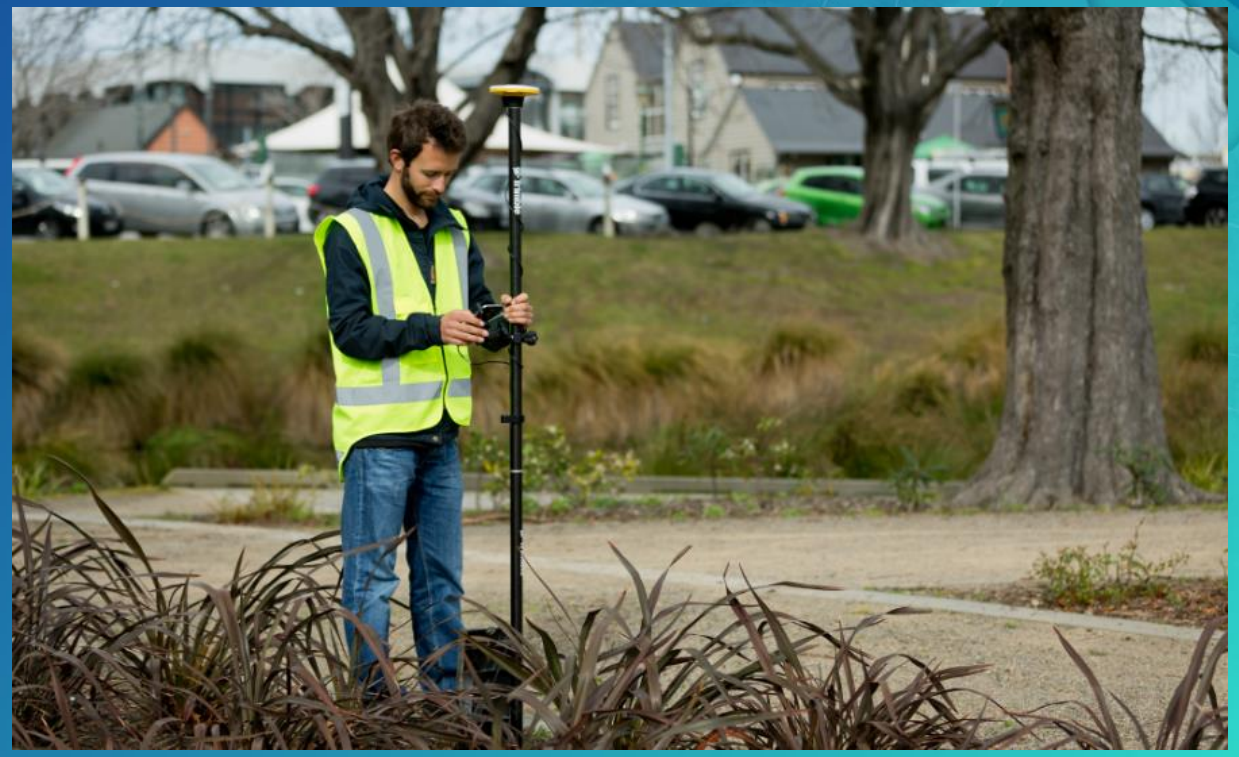


Demo

Collector What's Coming This Year

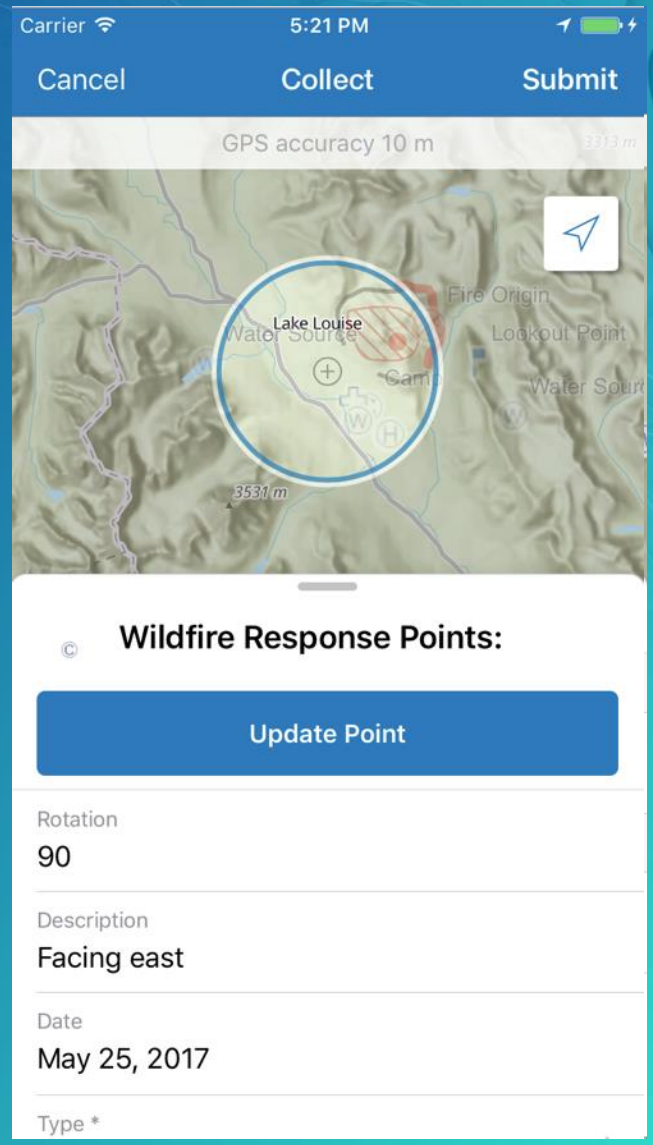
Early Q3

- **Trimble Catalyst (Android)**
- 95% confidence interval
- Coordinate unit display



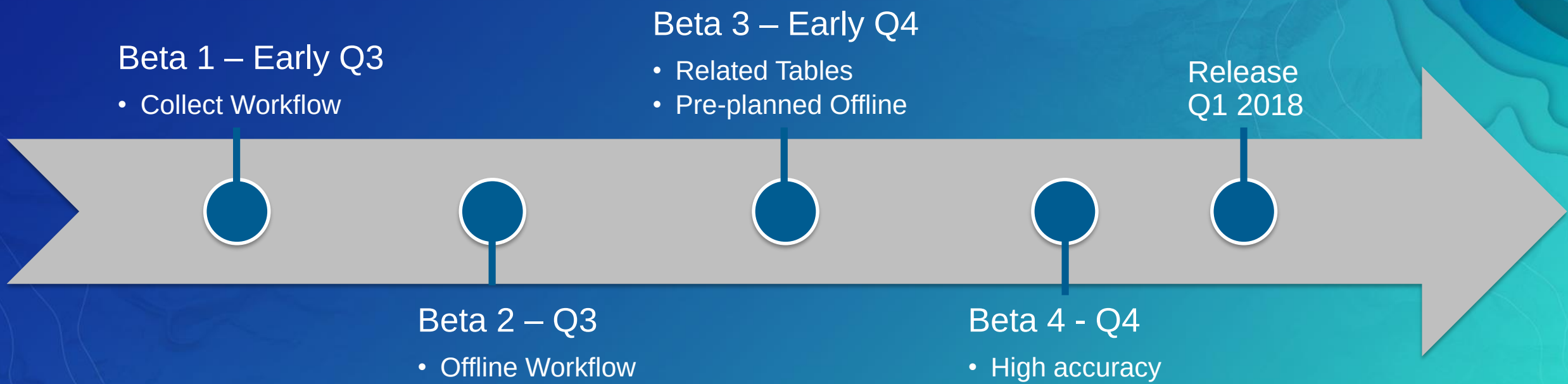
Collector – The Big New Thing

- Better maps
  - Labels, Advanced symbology
  - Vector basemaps
- High Accuracy
  - Support Z values
- New user experience
  - Collect experience
  - Map/Form experience
- Offline
  - Pre-planned workflows
- Smarter forms
  - More input types (Barcodes, QR codes)
  - Arcade expressions
  - Grouping, conditional visibility*
- Simpler deployments
  - Pre-configured settings
  - Restrictions



Demo

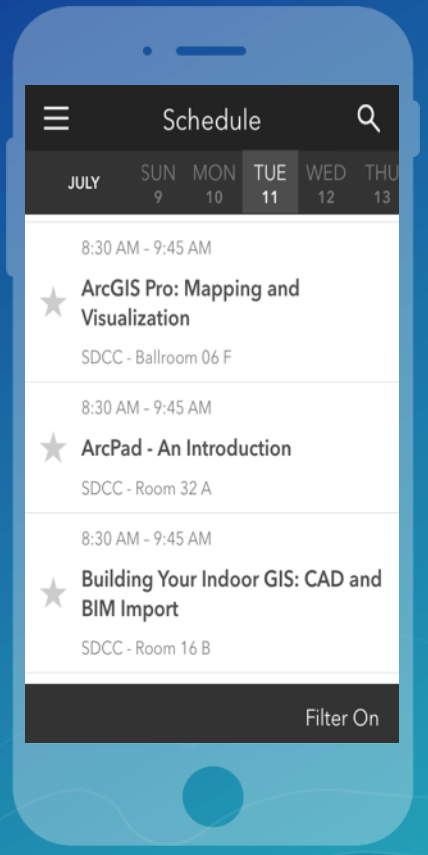
Collector Timeline



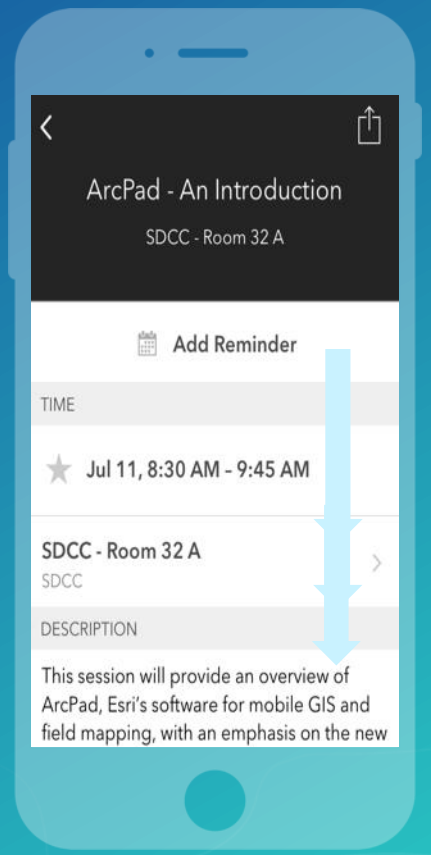
Please Take Our Survey on the **Esri Events App!**

Download the Esri Events app and find your event

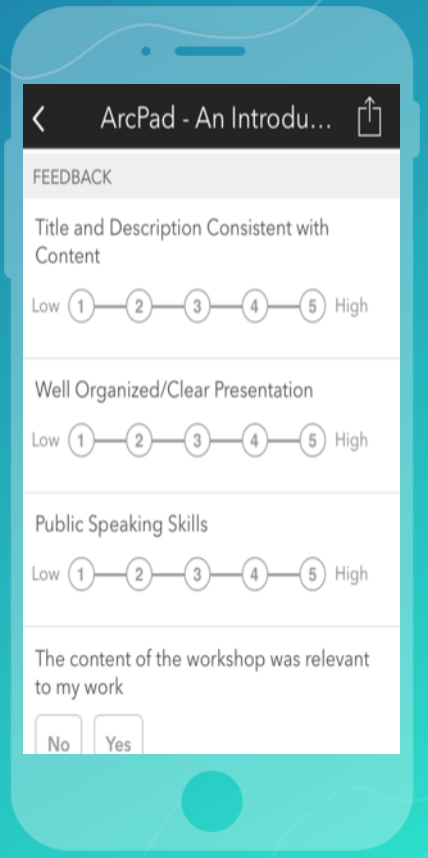
Select the session you attended



Scroll down to find the survey



Complete Answers and Select "Submit"



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