

GŘ HZS

14.5.2019 | Praha

# Esri ArcGIS

Radek Kuttelwascher

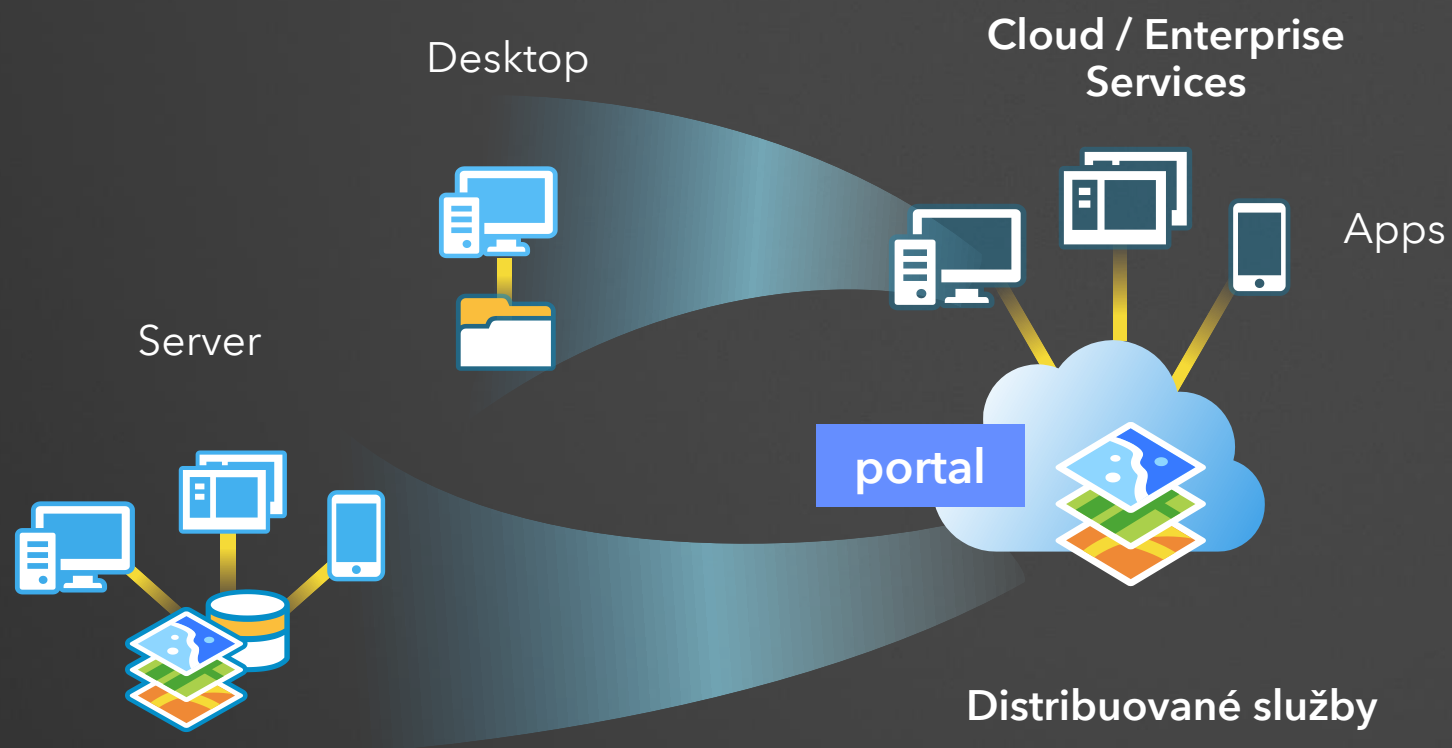
Matej Vrtich

ARCDATA PRAHA



# GIS se stává komplexní celopodnikovou platformou

Otevřenost, integrace, jednoduché použití

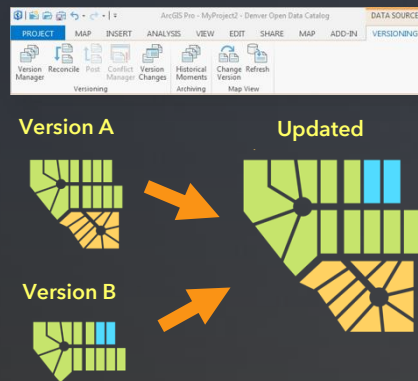


## Web GIS

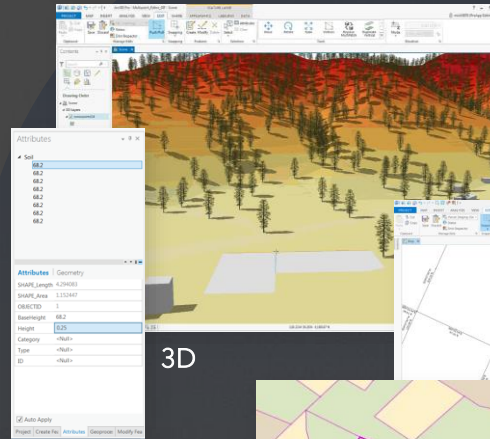


# ArcGIS Desktop Správa dat, jejich editace a analýza

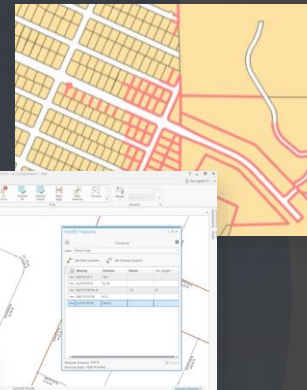
## Verzování



## Editace



# Topologie



## Podpora geodatabáze a RDBMS

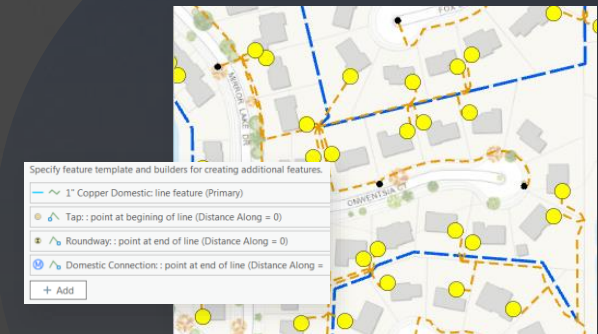
## Integrace dat

## SAP HANA

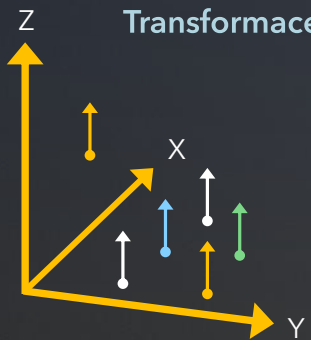
# Hadoop

# Teradata

## Správa inženýrských sítí



## Transformace

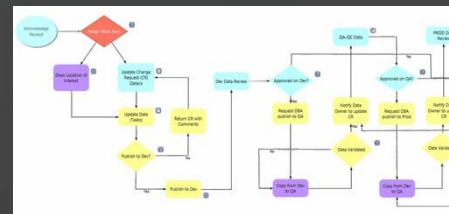


## Geocoding

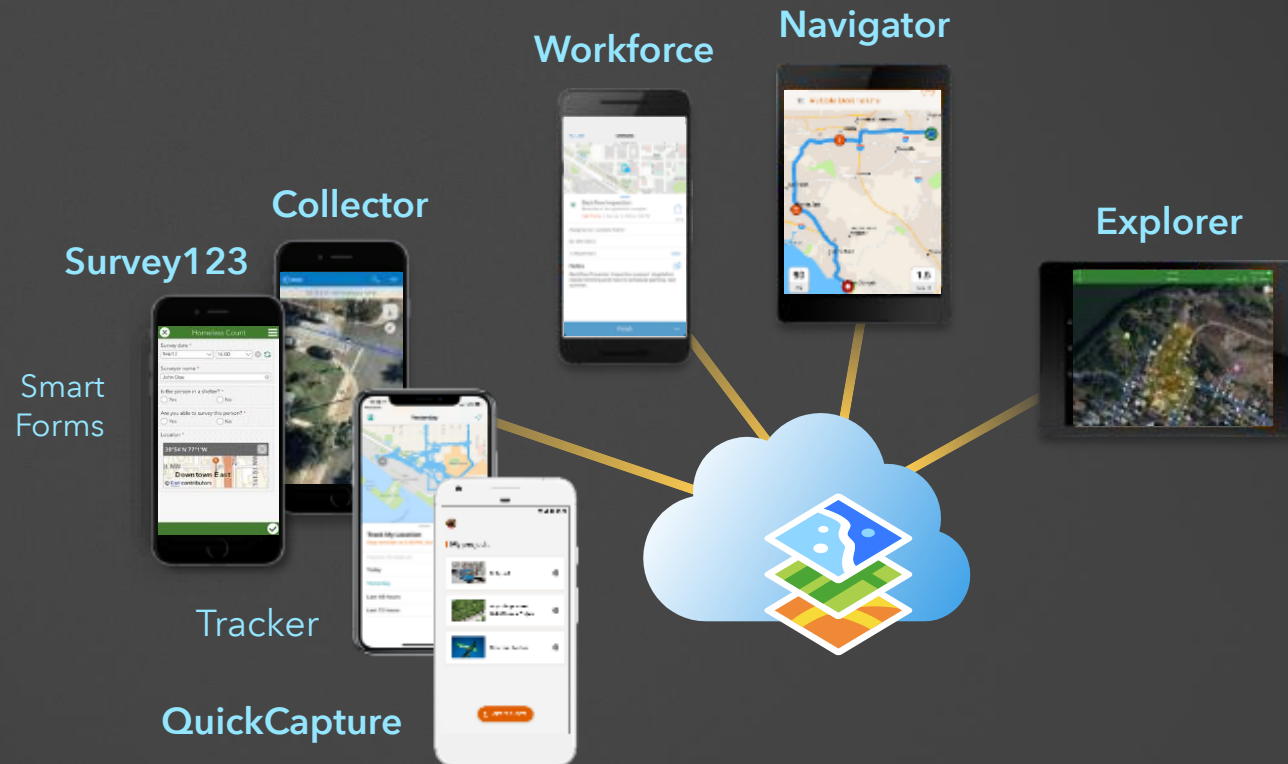
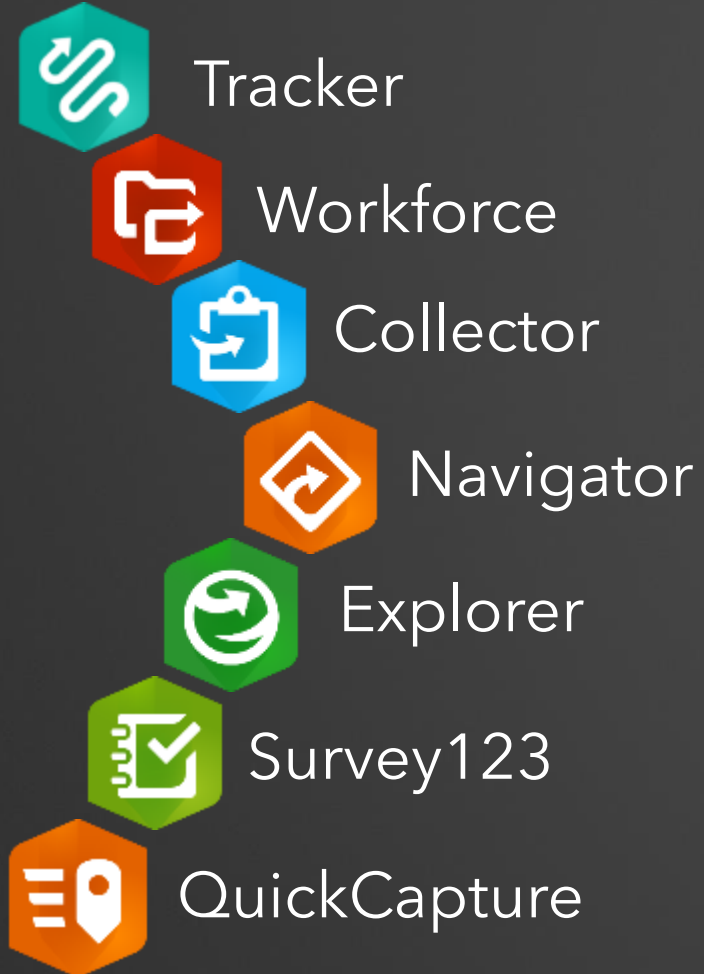


## Topologická editace

## Pracovní postupy



# ArcGIS | Integrated Mobile Apps for the Field







# Explorer for ArcGIS

Maps, wherever you are

View your maps anywhere

Easily find field assets

Create and share notes on-the-go





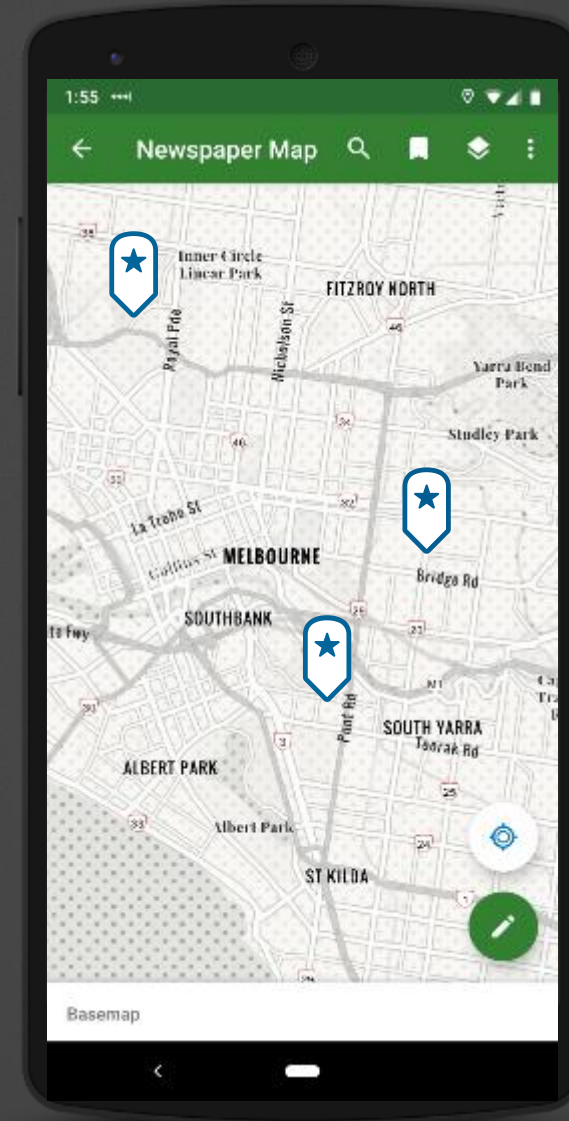
# Explorer for ArcGIS | Live and offline maps



web maps



mobile map  
packages





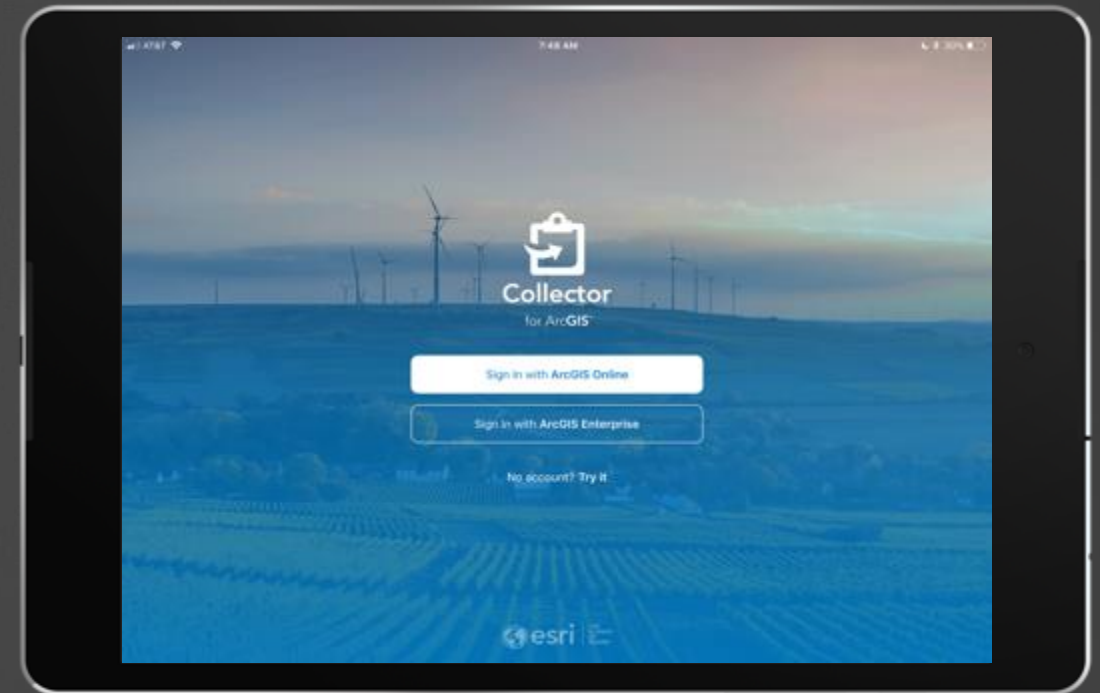
# Collector for ArcGIS

Accurate data collection made easy

Map-centric data collection

Works online and offline

High data accuracy

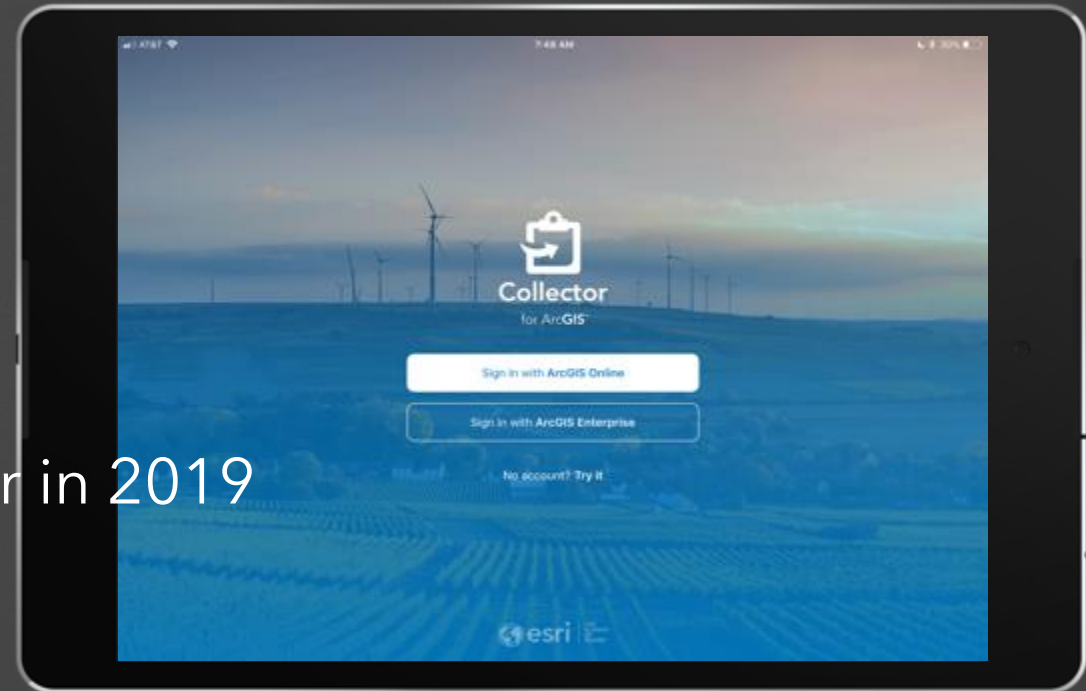




# Collector for ArcGIS

Accurate data collection made easy

- Collector App
  - iOS Released in December
  - Side-by-side with Classic
- Other Platforms
  - Android: in beta
  - Windows 10: Development to start later in 2019





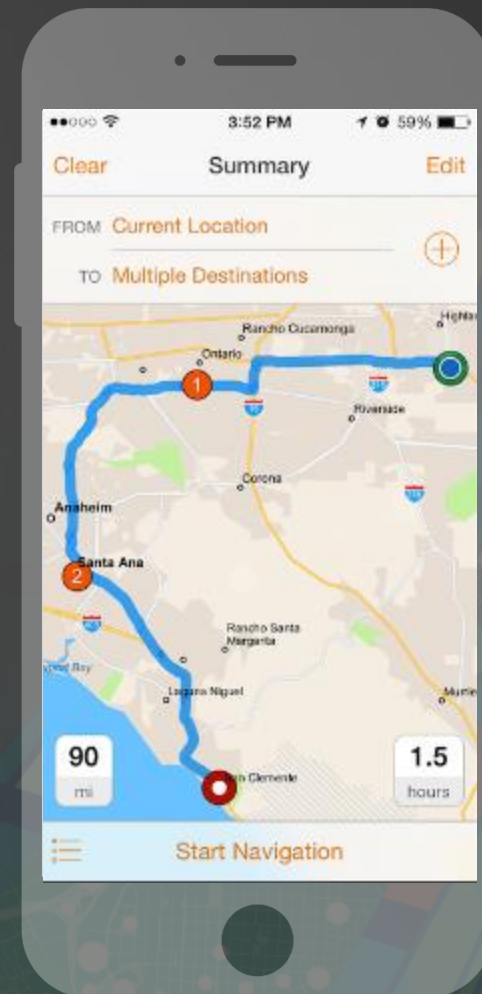


# Navigator for ArcGIS | Driving directions, your way.

Turn by turn driving directions

Find assets and navigate to them while **offline**

Use **your own** maps, asset inventory, and custom roads



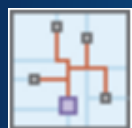
Download on the  
**App Store**



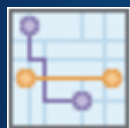
GET IT ON  
**Google Play**



# Navigator for ArcGIS | On the fly and pre-planned routes.



Closest Facility



Route



VRP



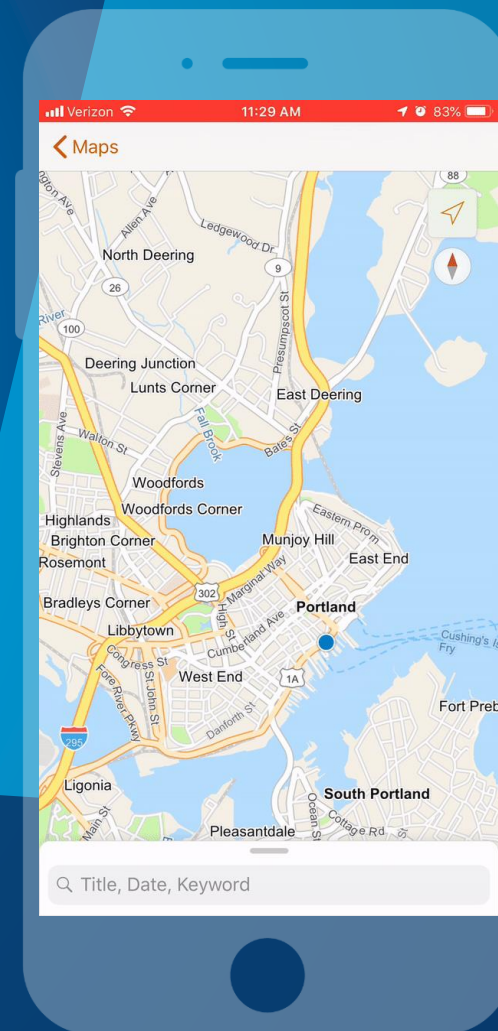
API's & SDK's  
Map Viewer  
Enterprise  
Desktop

Save



Enterprise or Online

Download



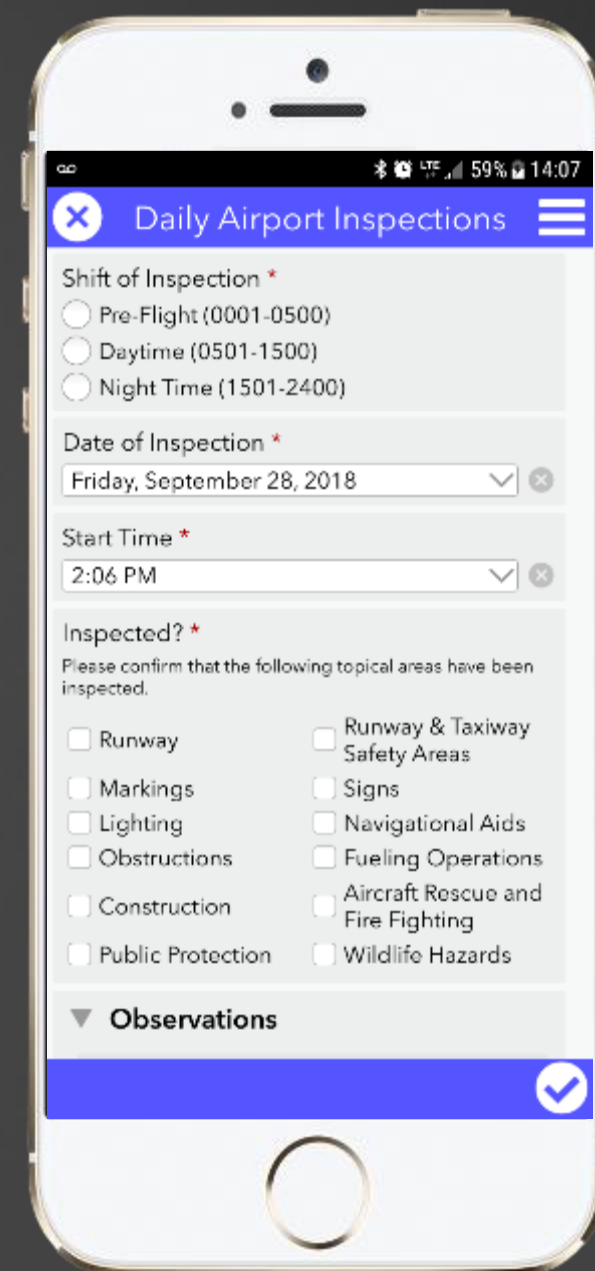


# Survey123 for ArcGIS | Location-aware smart forms

Simple data collection experience

Sophisticated smart form capabilities

Web & Native / Desktop & Devices





# American Red Cross

Streamlining field data collection with smart forms

- Field Damage Assessments
- ArcGIS Enterprise
- +40,000 users
- Boost Field Productivity
- Reduces errors
- Real time decisions

The screenshot shows the American Red Cross website. The header includes the logo, navigation links like 'WHAT WE DO', 'LATEST NEWS', and 'RED CROSS STORES', and a search bar. The main content area features a sidebar for the 'Louisiana Region' with links to 'About Us', 'Local Chapters', 'Programs & Services', 'Volunteer Opportunities', 'Ways to Donate', 'News & Events', 'Press Releases', 'Events', 'Thanking Our Supporters', and 'Home Fire Campaign'. The main article is titled 'Disaster Assessment – As Easy As 1-2-3' and includes a photo of two people looking at a map on a screen. The article text states: 'Posted September 11, 2016, Todd James, Baton Rouge, LA. Red Cross Disaster Assessment teams are part of the first step in the recovery process. They visit neighborhoods and homes immediately after a disaster to assess and verify the level of damage incurred. The Red Cross and its partners—like FEMA and the United Way—use this information to provide financial aid and other resources. It often takes one to two weeks to visit to every home, gather and enter the information and distribute it to everyone who needs it to begin providing aid. It's vital that this process is done to make sure families get the help they need and that donor and taxpayer dollars are used wisely. After the record flooding that occurred in Louisiana, Disaster Assessment is being done in a new way—a way that will make it faster and easier. Disaster Assessment now has an application and Red Cross teams are using it to get help to clients in a matter of days, not weeks. Survey123 allows the teams to enter information on the spot—not fill out forms that'.



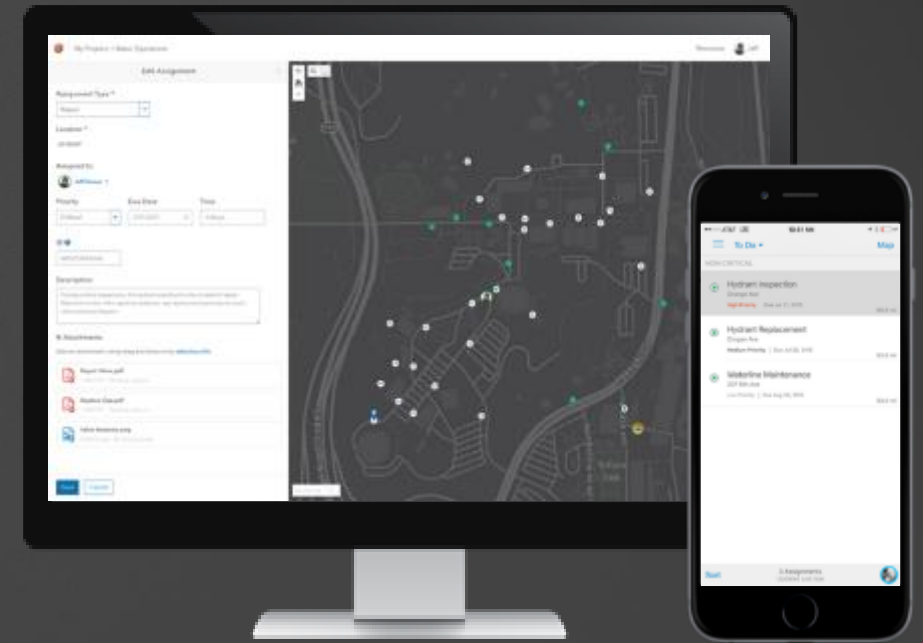


# Workforce for ArcGIS | Coordinate field work

Plan and coordinate field work

Improve efficiency with location awareness

Create & Manage field assignments

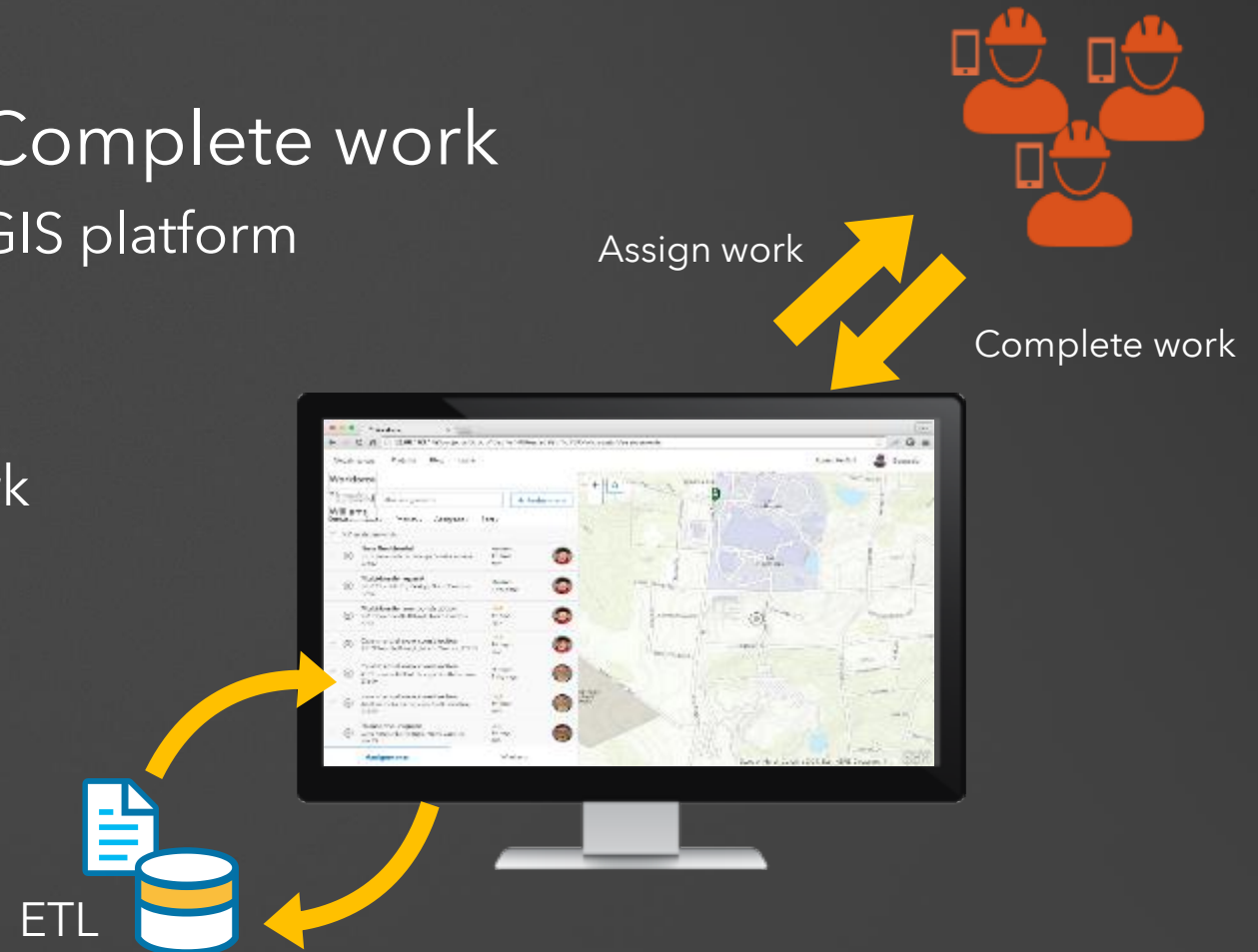






# Workforce for ArcGIS | Back-office

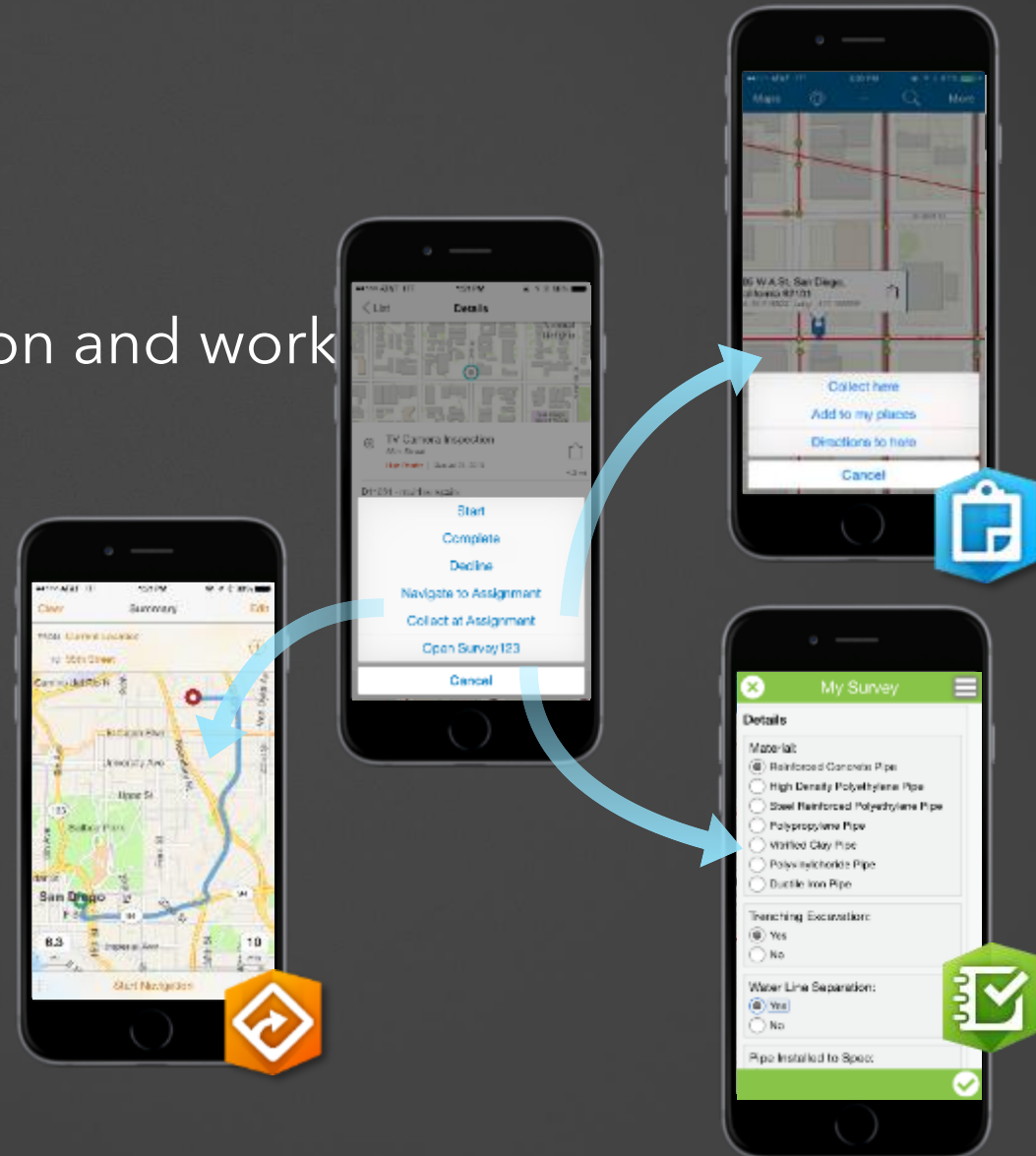
- Plan, Coordinate, Assign and Complete work
  - Fuse work management into the ArcGIS platform
  - Create, Prioritize and Assign Work
  - Manage planned work assignments
  - React and respond to unplanned work





# Workforce for ArcGIS | The mobile app

- Manage To-Do list, report location and work
- Navigate directly to your work
- Capture and update data:
  - Map: Collector for ArcGIS
  - Form: Survey123 for ArcGIS
- Complete field work



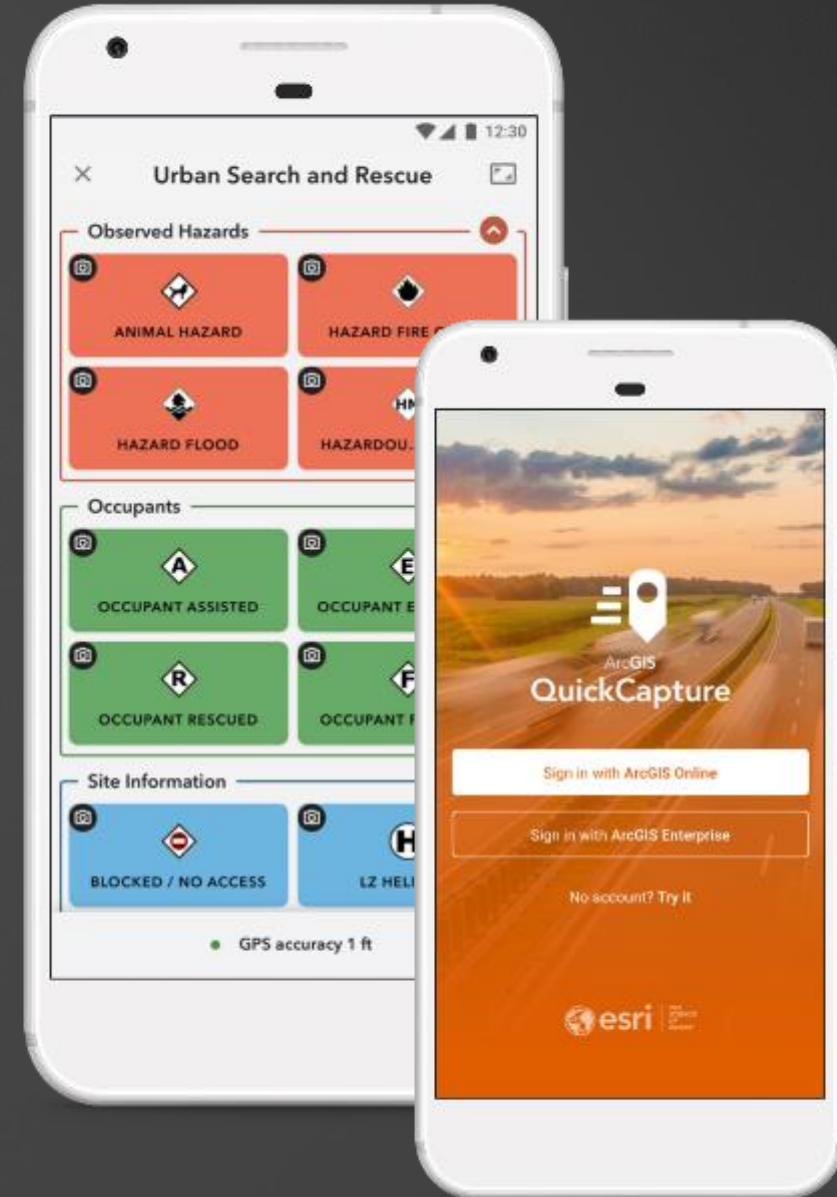


# ArcGIS QuickCapture | The Rapid Data Collection app

“Big button” mobile app, simplest way to capture data

Ideal for at-speed data collection workflows

Works offline and online







# ArcGIS QuickCapture | Common workflows



Aerial Surveys



At-Speed data capture



Windshield Damage Assessments



On-the-go Inspections



Rapid Incident Reports



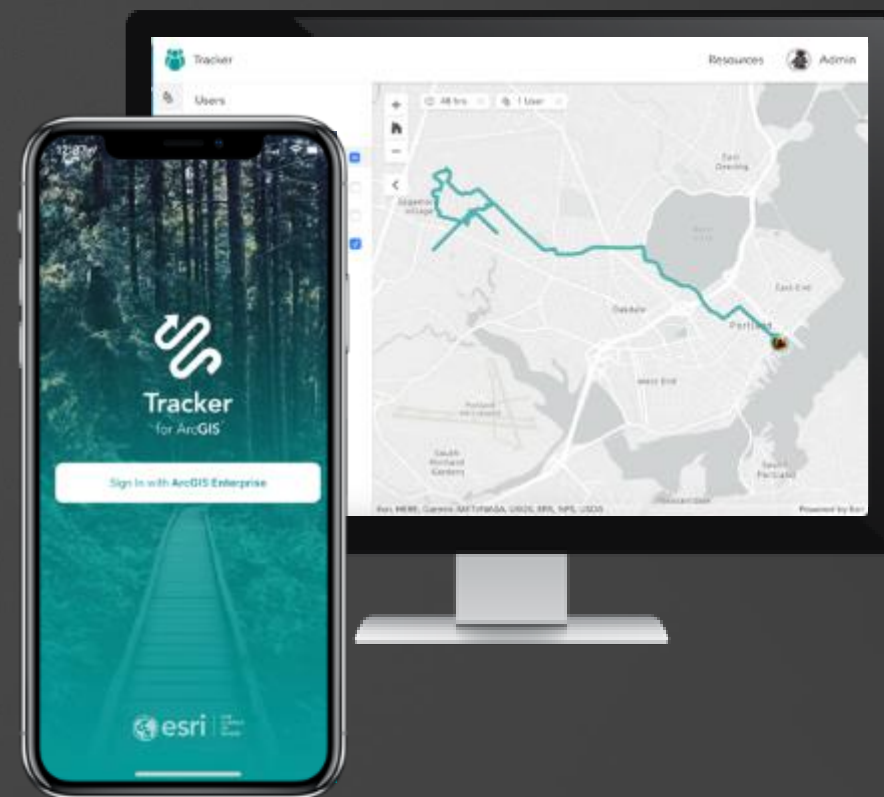
# Tracker for ArcGIS

Know what happens in the field

Share your location

Know where everyone is

Own your locations







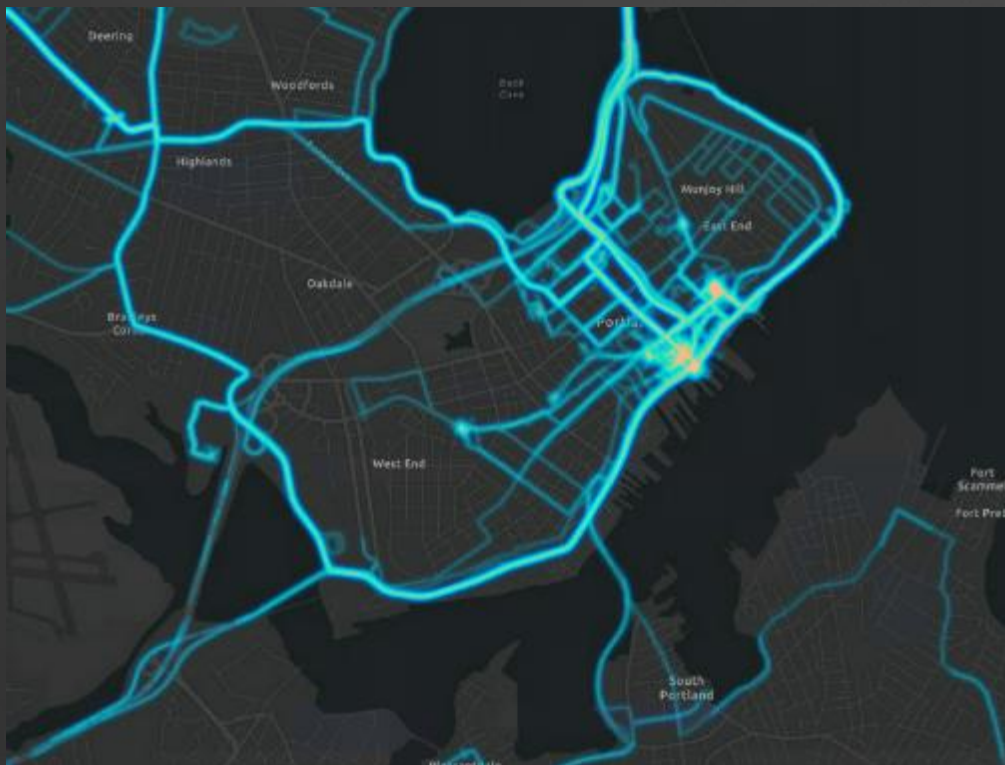
# Tracker for ArcGIS

Know what happens in the field

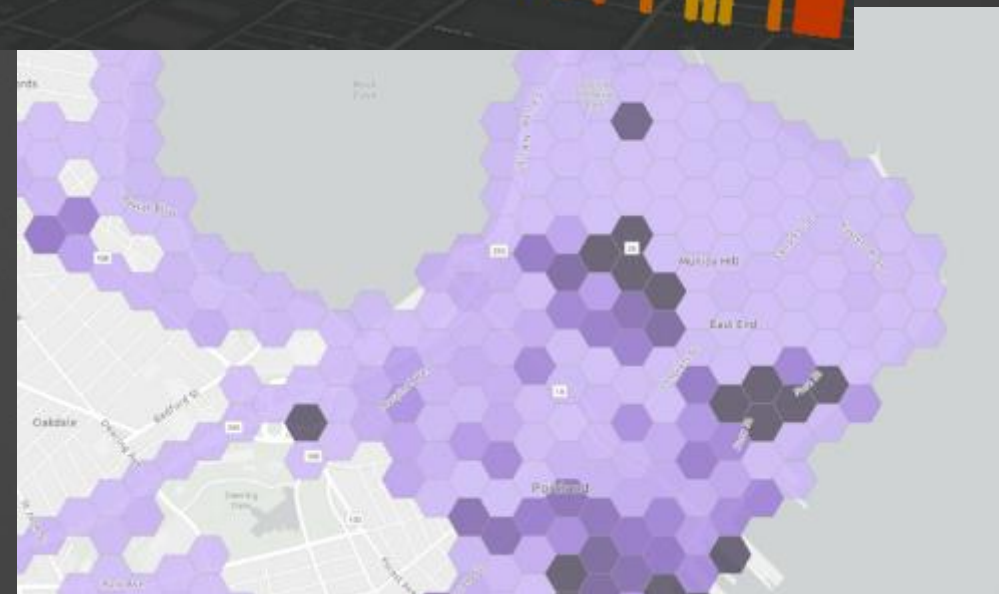
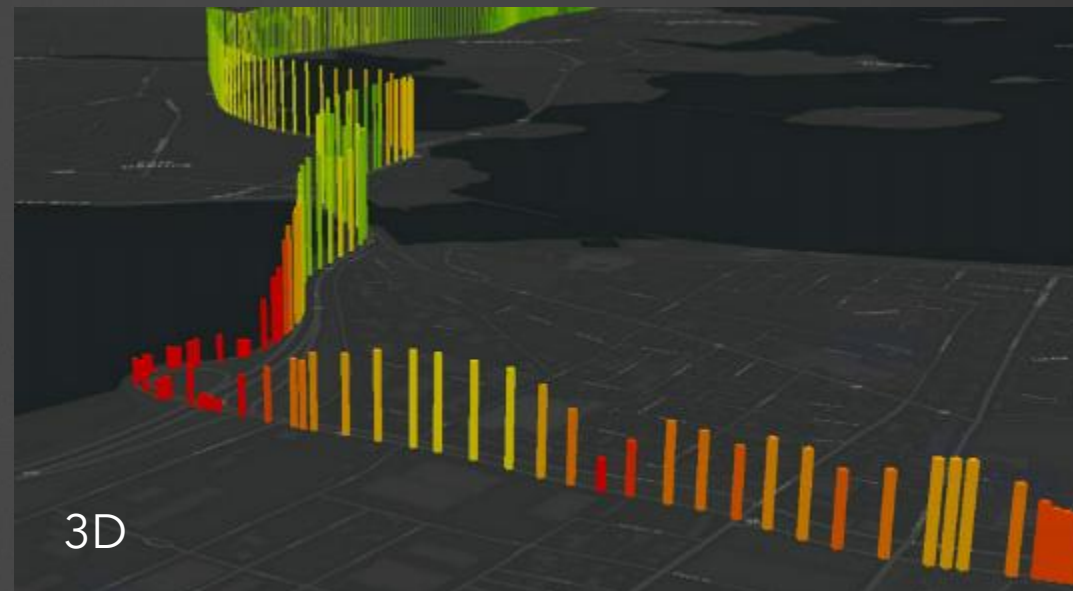




# Tracker for ArcGIS | Know what happens in the field

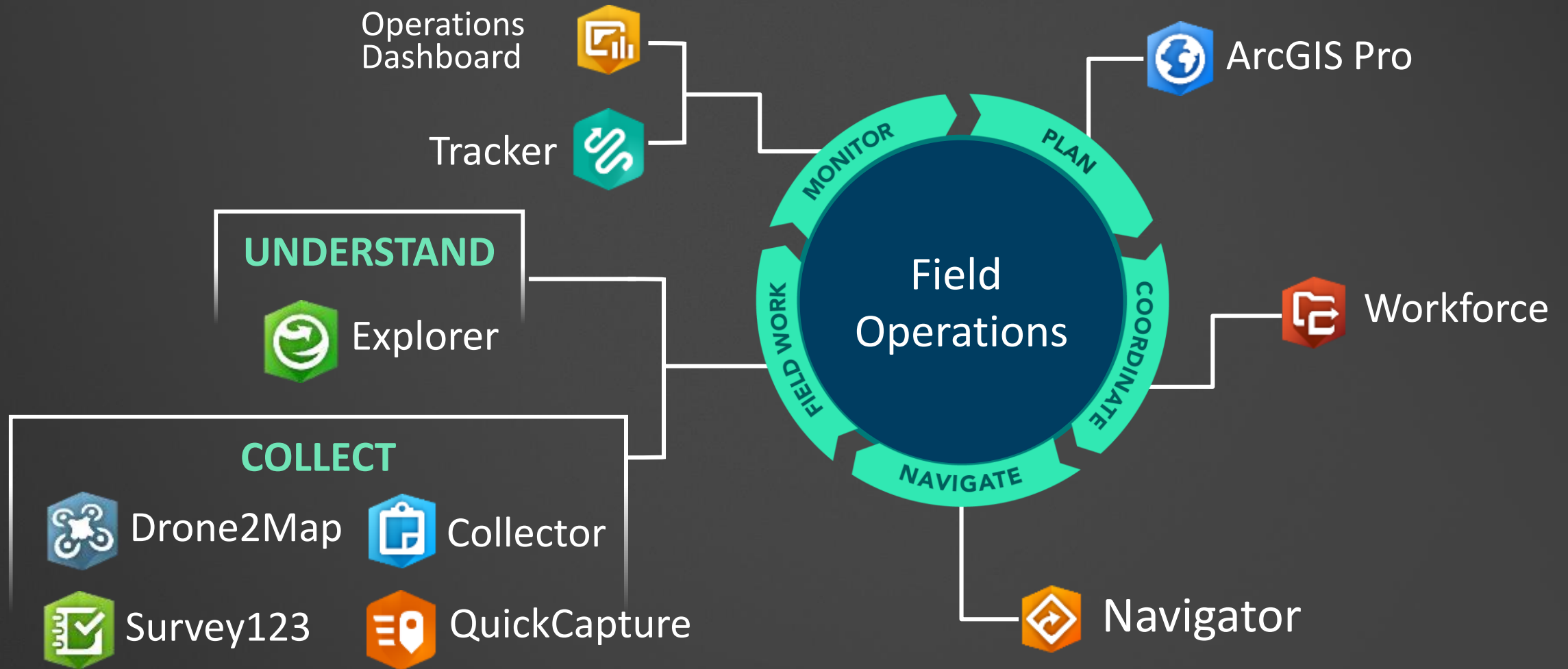


Linear heat maps



Aggregation

# All Apps Work Together



Děkuji za pozornost

