

Field Operations Series

Tactical Awareness



Pat Hohl, PE
Director, Electric



esri

THE
SCIENCE
OF
WHERE

Field Operations Webinar Series

for Electric and Gas

April 14th and 21st, 2021
9:00 AM - 9:30 AM (PDT)



Part 1 – Tactical Awareness

Part 2 – Collect and Capture



STOP

S. BURAK
& SONS
PISTOL PIKE
NIGHTS PA
9893

COMPLETE AUTO
SERVICE

TUNE UPS. BRAKES.
WHEEL BALANCING.
ACCESSORIES

TRAILER R

ArcGIS – A Comprehensive System

Understand



Share



Capture







Tactical Awareness



Pat Hohl, PE

Director, Electric

Esri



Kyle Crawford

Solution Engineer

Esri

Agenda

Tactical Awareness

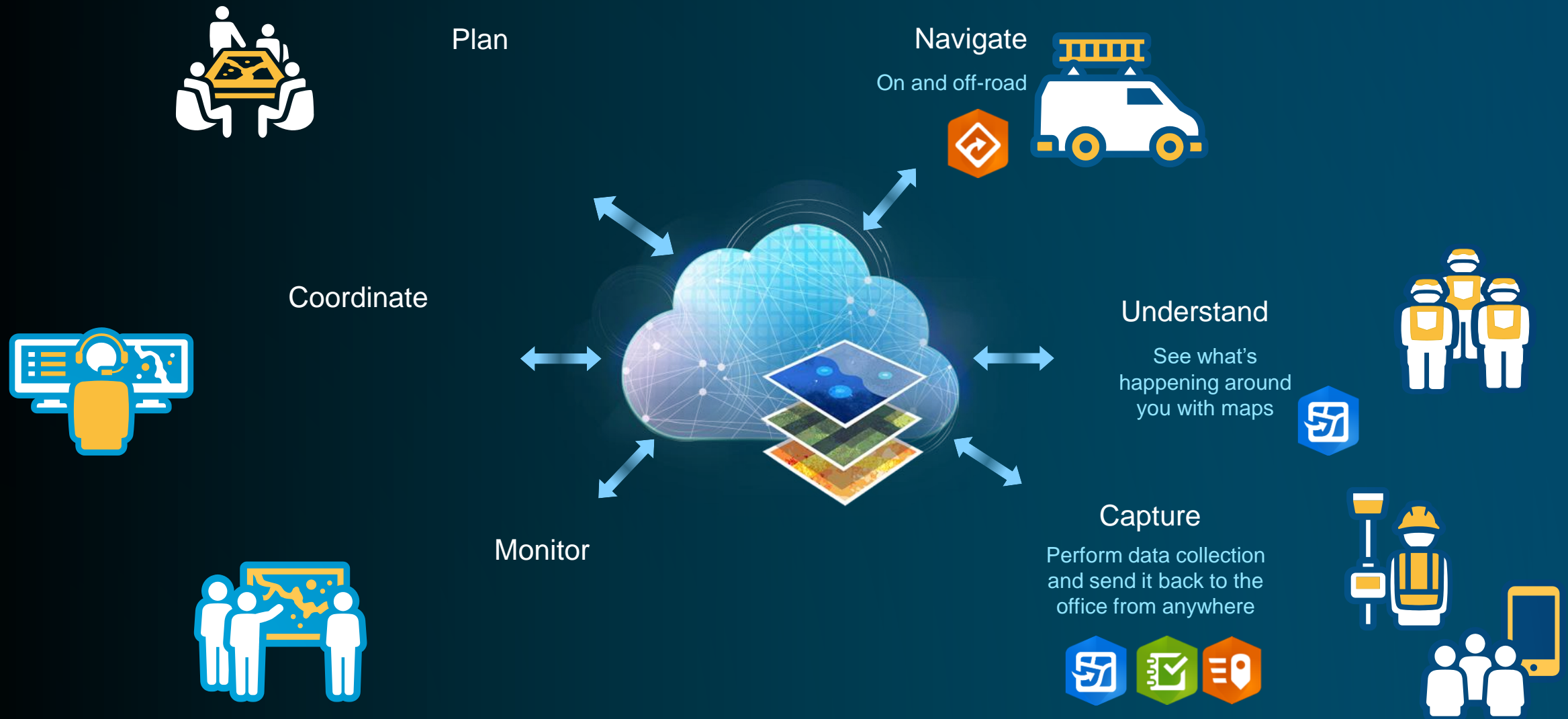
- Overview
- Demonstrations - Workflows
- Customer Success in Texas
- Take-Aways





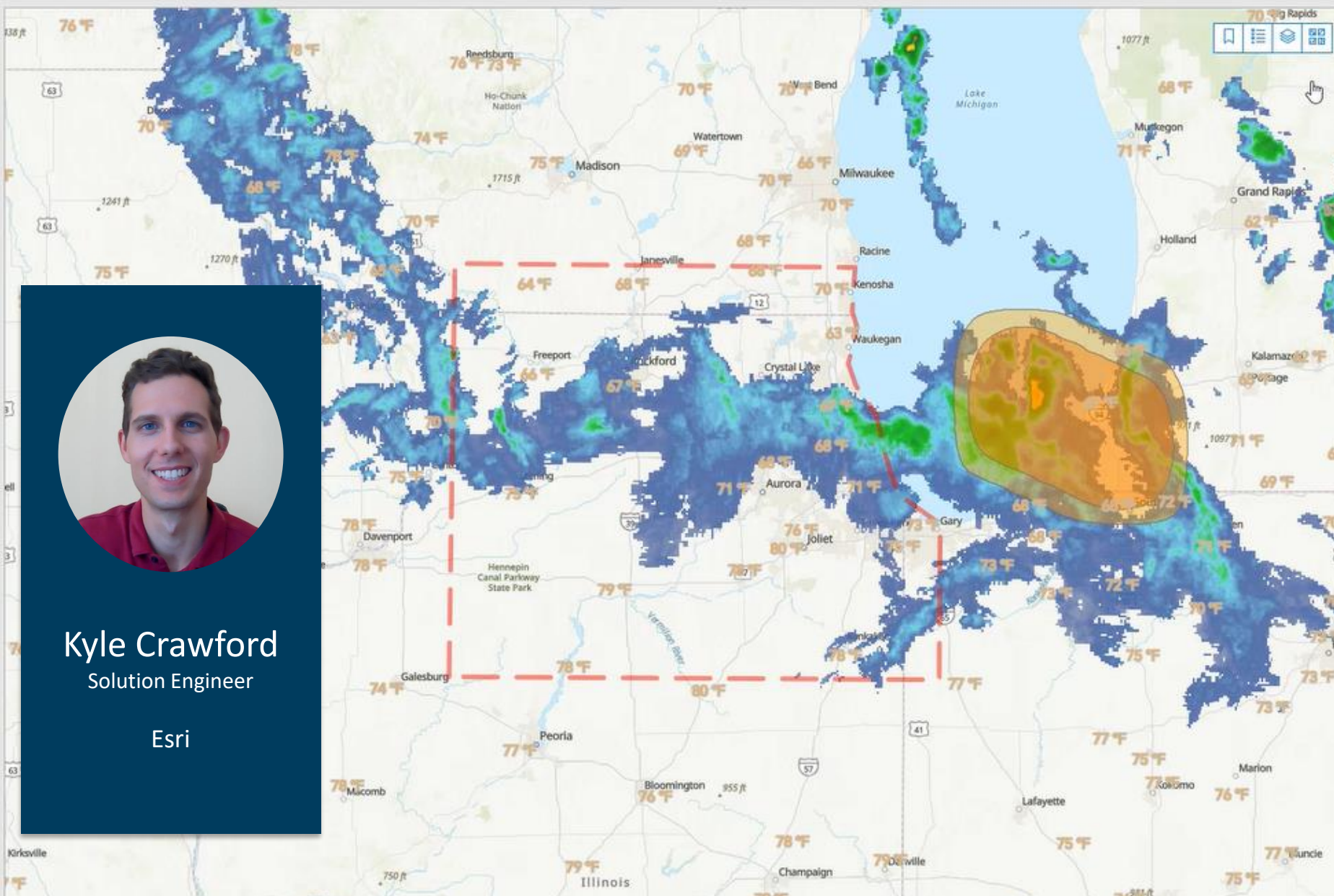


Field Solutions



Dashboard of Awareness

Operational Awareness




Average Temperature (°F)

73° 

Average Visibility (miles)

10 

Average Wind Speed (mph)

12 

Lightning Strikes

0 

Weather Warnings

No Data



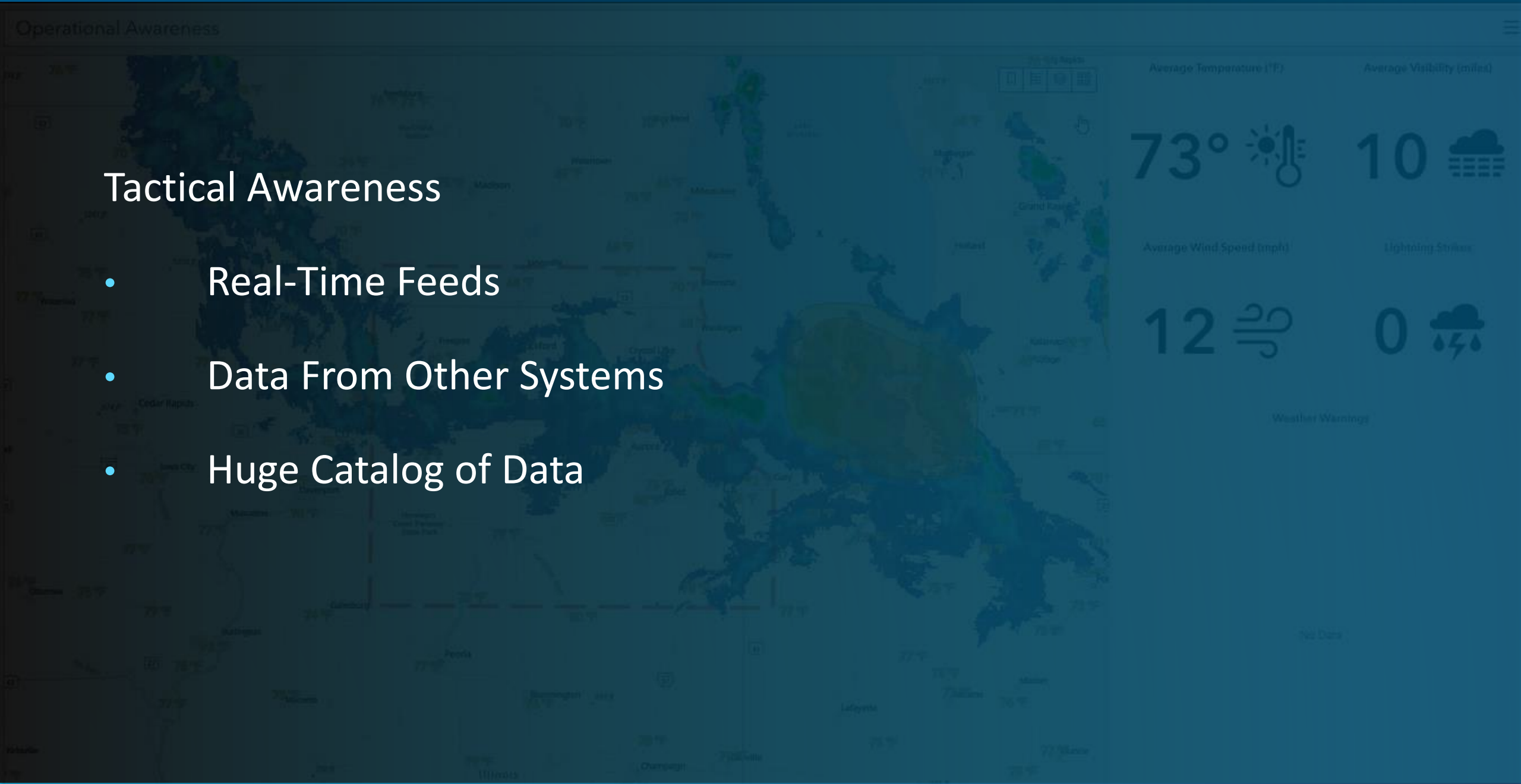
Kyle Crawford
Solution Engineer

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Dashboard of Awareness

Tactical Awareness

- Real-Time Feeds
- Data From Other Systems
- Huge Catalog of Data

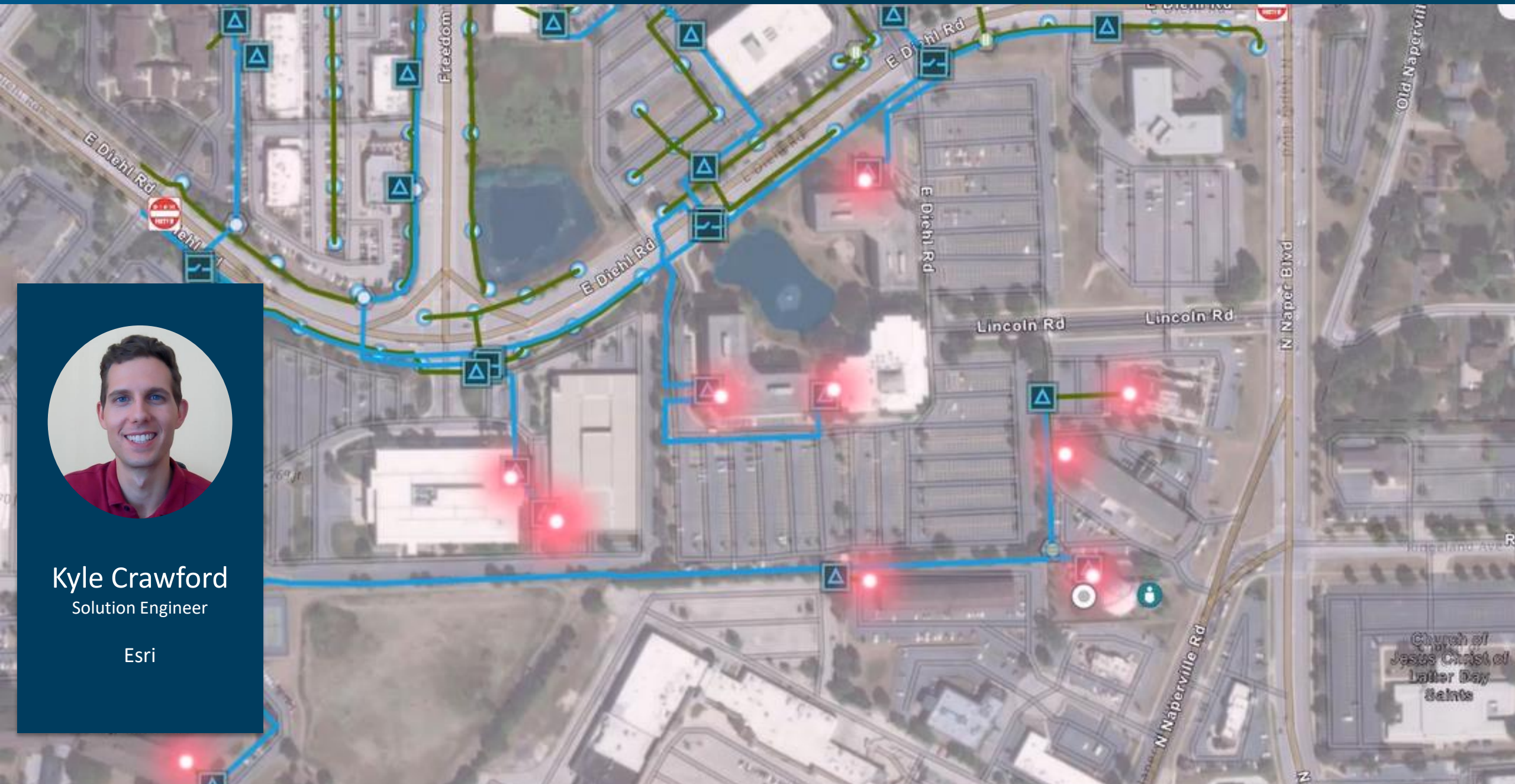


Maps in the Field



Kyle Crawford
Solution Engineer

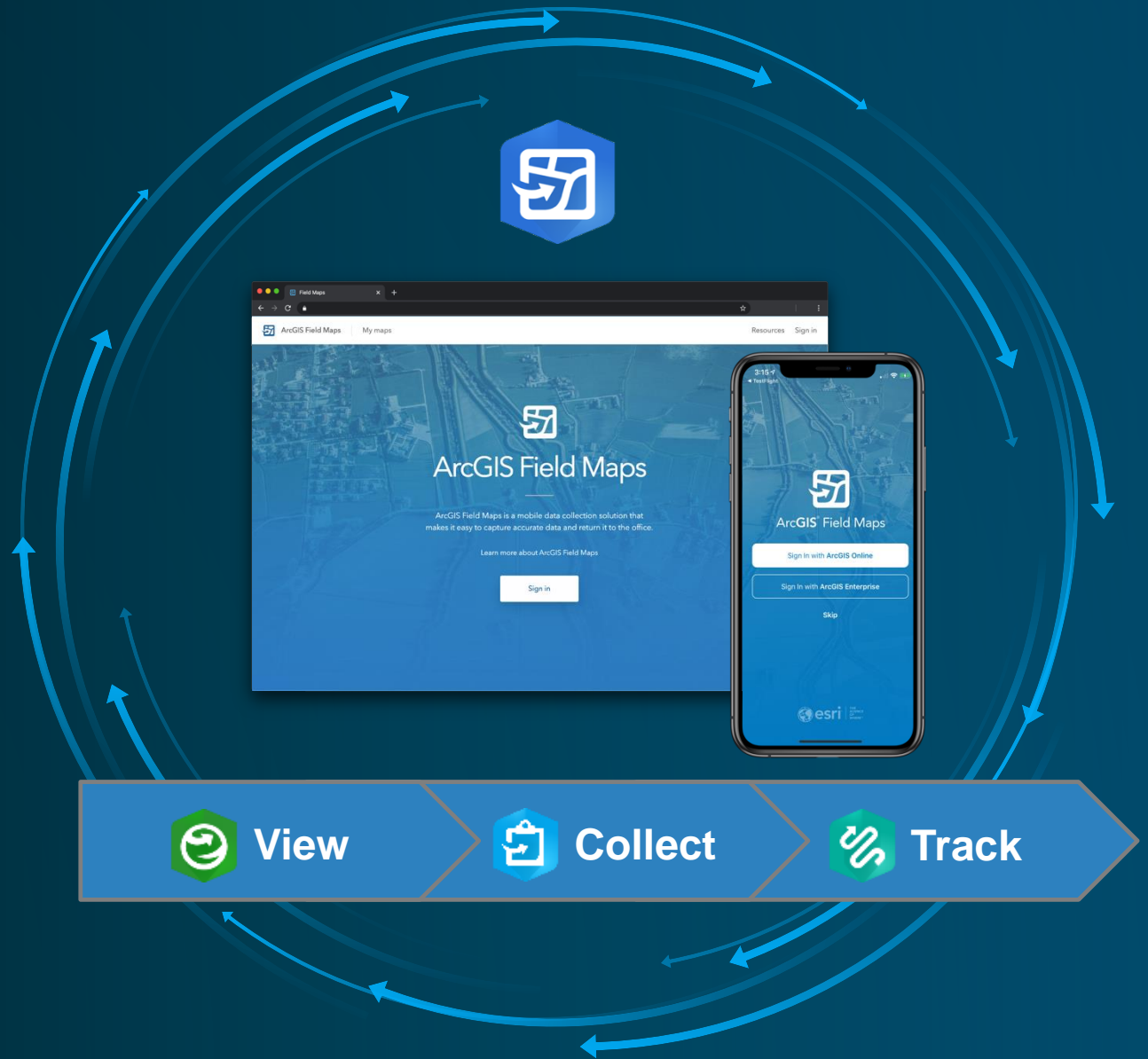
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ArcGIS Field Maps

5 Key Capabilities in 1 App

1. Map Viewing
2. Map Markup
3. Data Collection
4. Asset Inspection
5. Location Tracking



ArcGIS Field Maps

5 Benefits

1. One App to Deploy
2. Sign-in Only Once
3. Eliminate Duplication
4. Smaller Footprint/Download
5. Consistency



Maps in the Field

Tactical Awareness

- Live Maps with Real-Time feeds
- Rich Historical Information
- Tracking Sensitive Areas

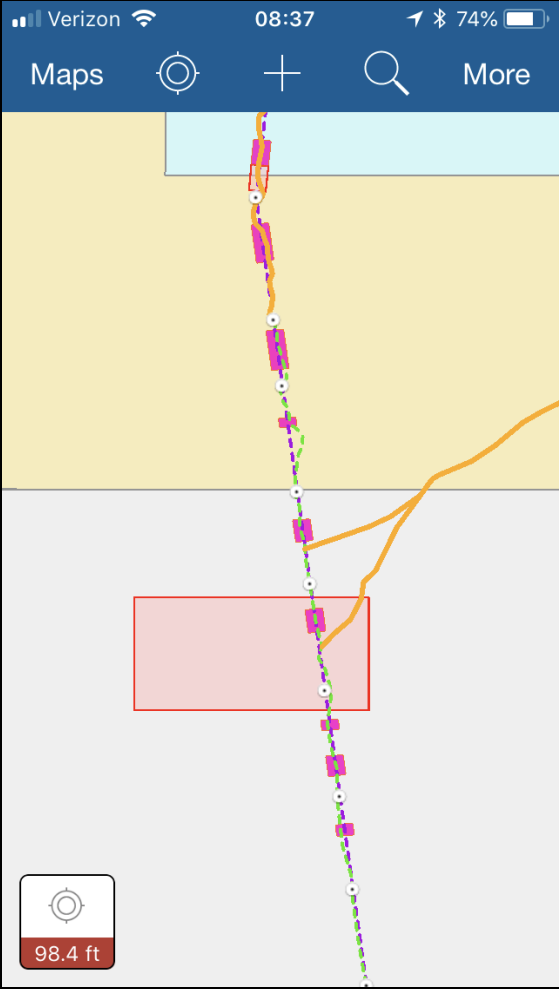
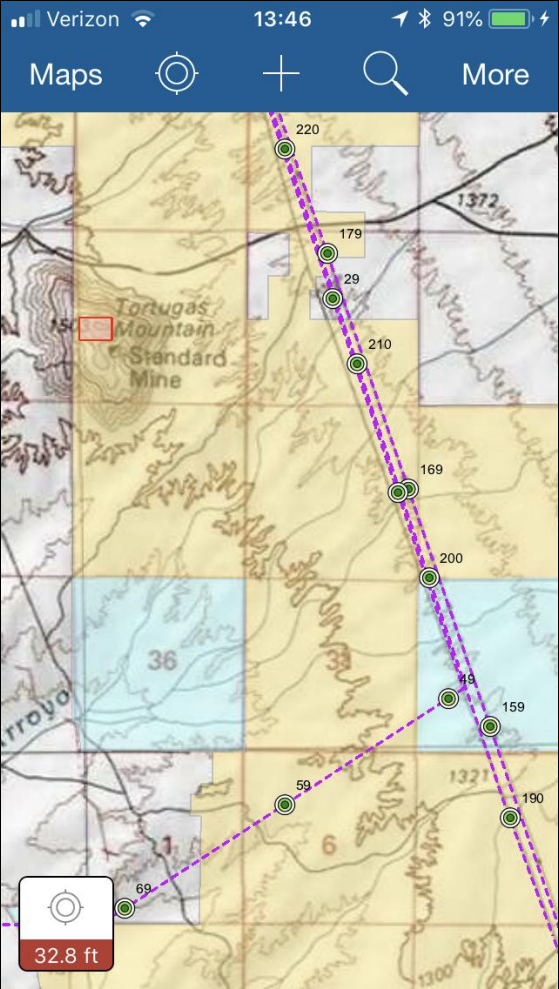
Awareness at El Paso Electric



Awareness at El Paso Electric



Awareness at El Paso Electric



Verizon 08:37 73% battery

Map Details

Area
3.563 acres

Cultural Sensitivity Zone
Before any Ground Disturbing Activity
Please Contact:
Kenton R. Martin | [El Paso Electric Company](#)
Environmental Scientist
P.O. Box 982 | El Paso Texas, 79960
C: [\(915\) 238-0789](tel:9152380789)
kenton.martin@epelectric.com

This screenshot shows the 'Details' view of the mobile application. The top status bar displays 'Verizon', the time '08:37', and a 73% battery level. The header shows 'Map' and 'Details' tabs. The main content area contains information about a 'Cultural Sensitivity Zone'. It starts with a red square icon followed by the text 'Area' and '3.563 acres'. Below this, the text reads 'Cultural Sensitivity Zone', 'Before any Ground Disturbing Activity', and 'Please Contact:'. The contact information for Kenton R. Martin is listed, including his title 'Environmental Scientist', address 'P.O. Box 982 | El Paso Texas, 79960', phone number '(915) 238-0789', and email 'kenton.martin@epelectric.com'.

Take-Aways

- Location is a Natural Way to Handle Field Information
- Good Data Provides Actionable Insights
- Mobile Technology Has Improved Dramatically



Prepare For Session #2

How Does Collecting and Capturing Information
Affect Your Field Staff?



Collect and Capture

Field Operations Series

WEBINAR 2

Collect and Capture

April 21st, 2021

9:00 AM - 9:30 AM (PDT)



Thank You!

