



# Field Mobility Apps and Workflows

## An Overview

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# Agenda

- Field apps overview
- Field operations workflow
- Review ArcGIS field apps



# Field GIS

Taking GIS Beyond the Office



- Configurable apps
- Connecting the field with the enterprise
- Built on top of the ArcGIS Platform

# Common Use Cases

- Hydrant Inspections
- Map Change Requests
- Joint Use Surveys
- Damage Assessments



- Water Quality Inspections
- Permit Inspections
- Sign Inventory
- Streetlight Inventory
- Guardrail Inspections
- Census Surveys
- Mosquito Abatement
- Well Inspections
- Meter Replacement Program
- Meter Inspections
- GCP Collection
- Leak Surveys
- Debris Reporting
- Valve Inspections



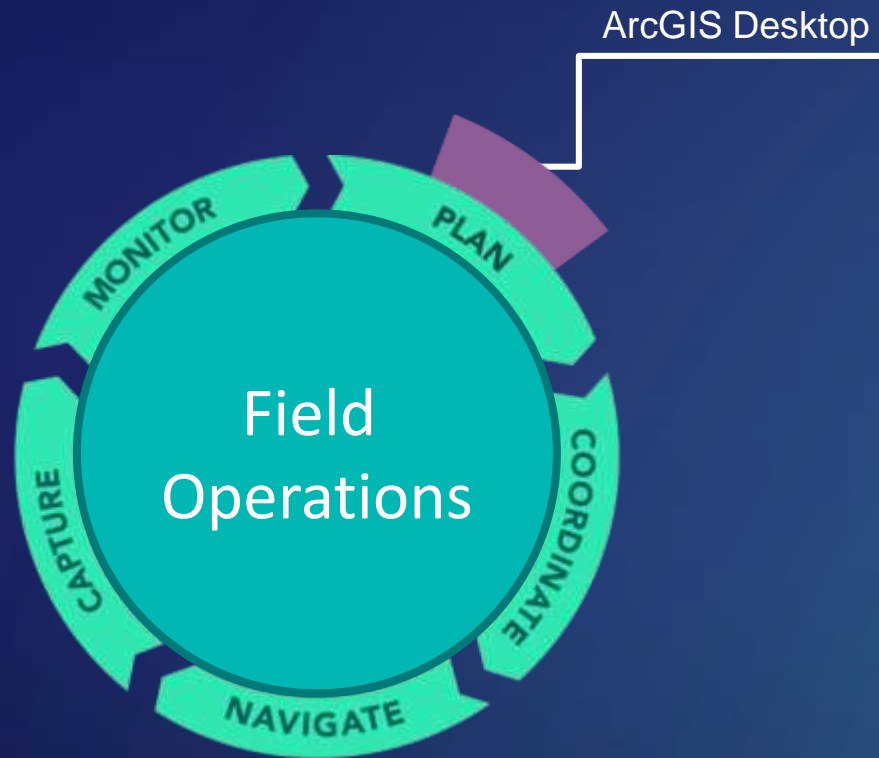
- DUI Checkpoint
- SCAT Collection
- Trail Mapping
- Park and Trail Viewer
- Parcel Mapping
- Tree-trimming
- Pigging Operations
- Invasive Species Mapping
- Aquatic Surveys



# Esri Mobile Field Apps



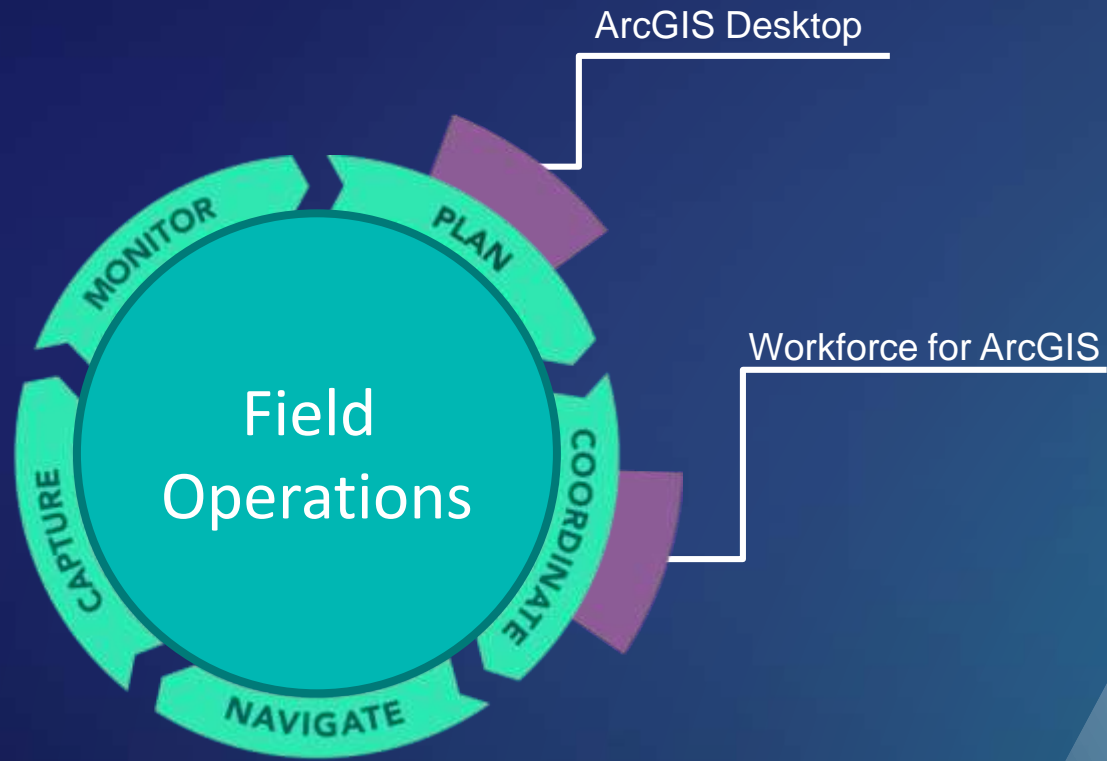
# ArcGIS Desktop



**Analysis**

**Create & manage business data**

# Workforce for ArcGIS



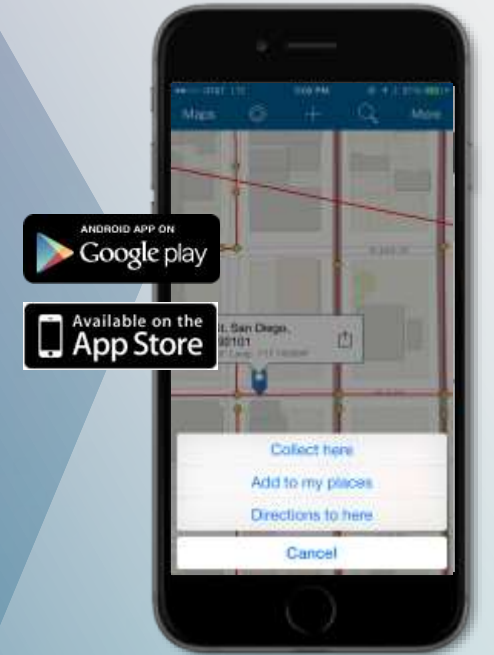
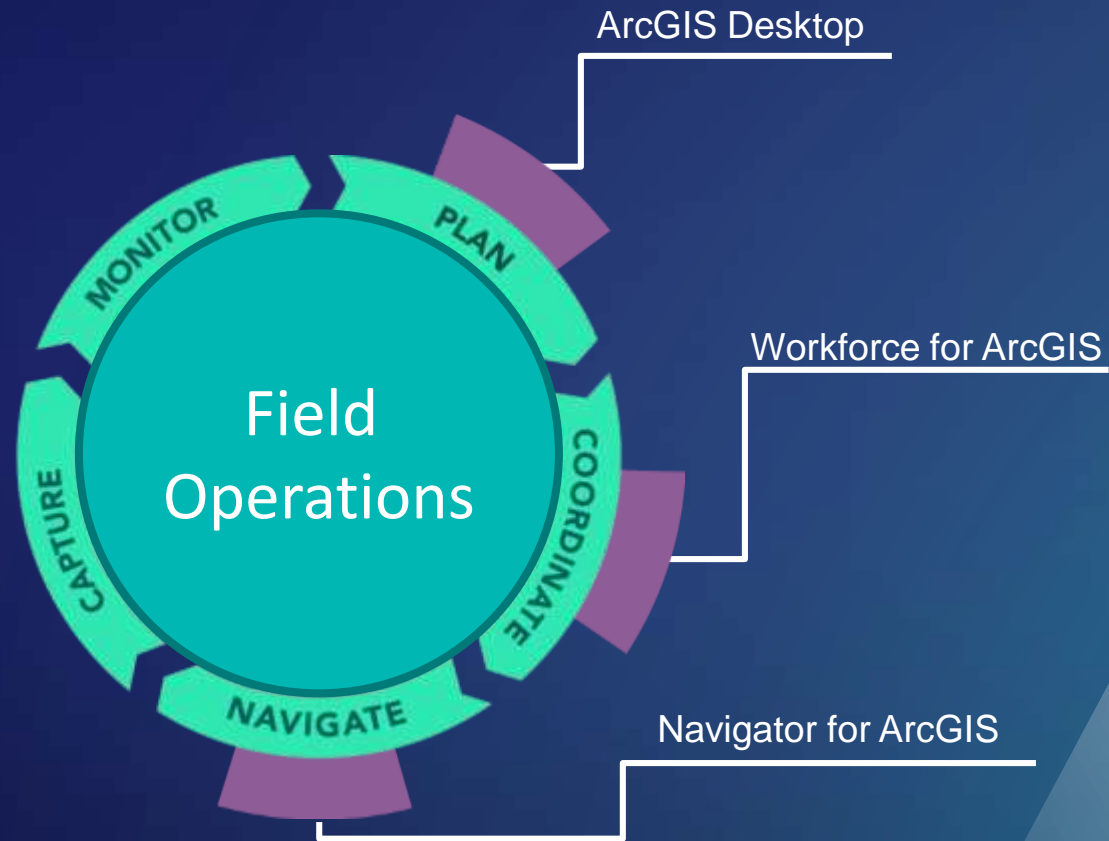
**Dispatcher**  
Assigns Work



**Field Workers**  
Receive Assignments

Work as a Team

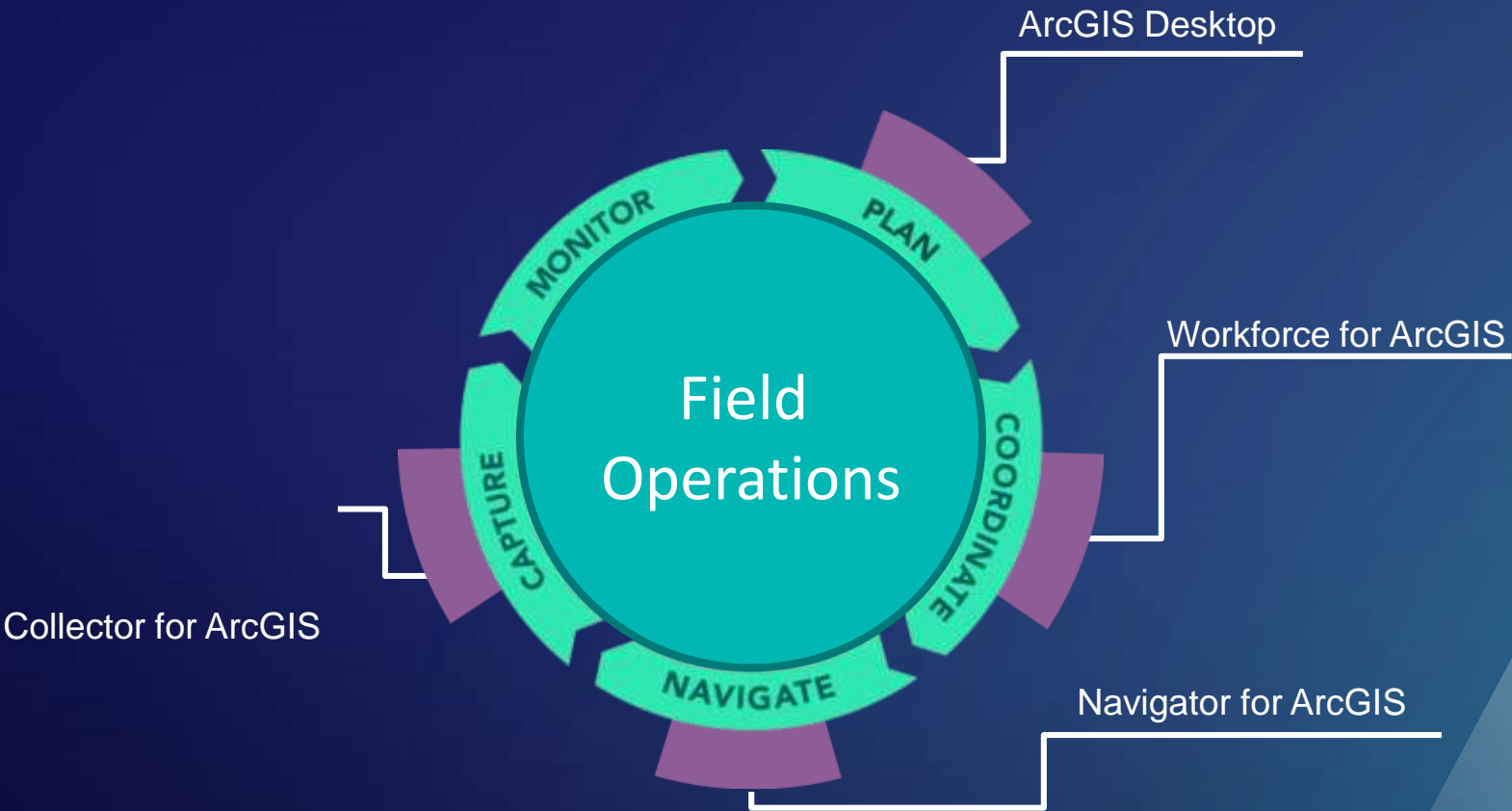
# Navigator for ArcGIS



App-Link API  
Your Own Maps

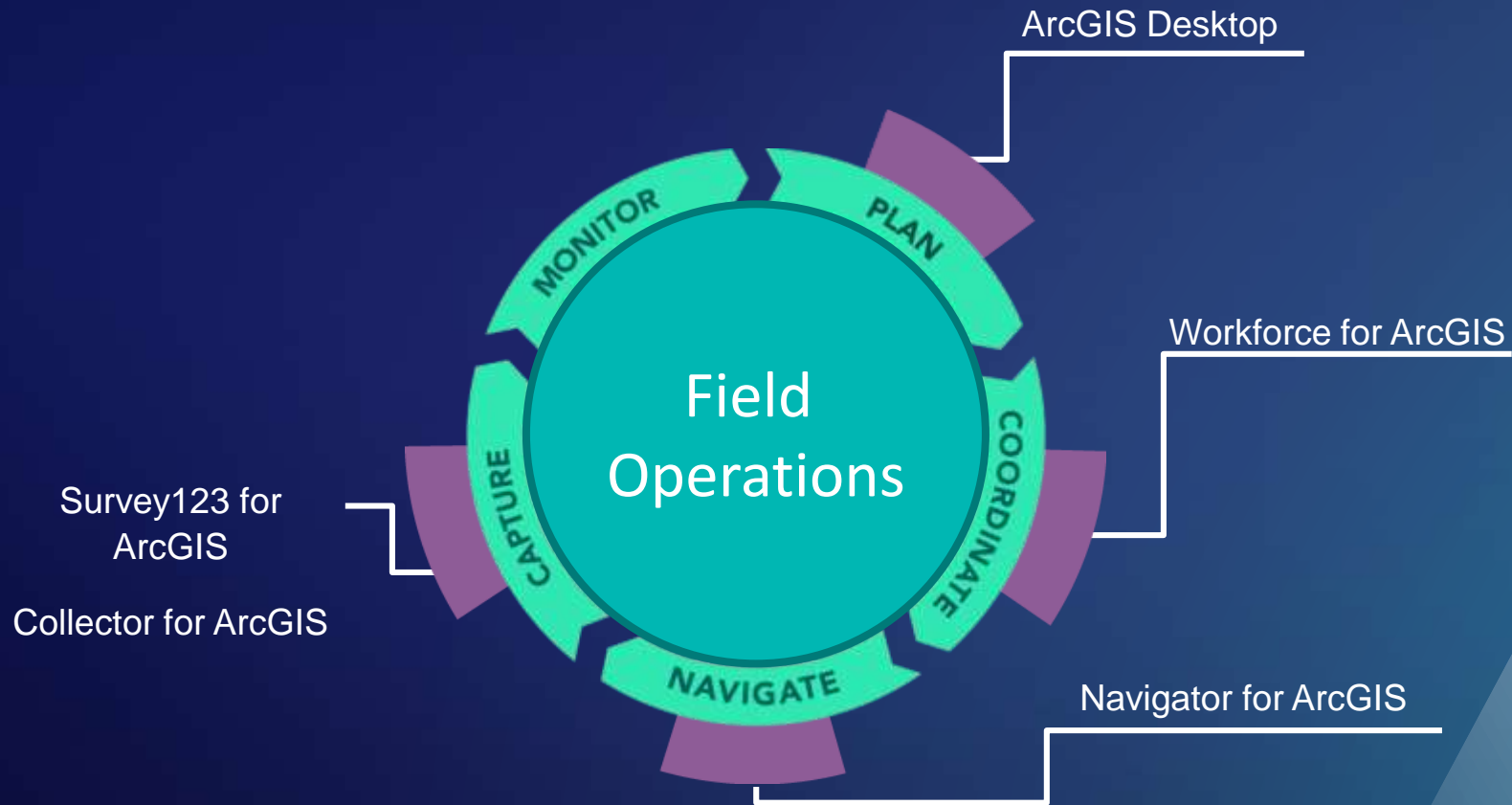


# Collector for ArcGIS



- Map Centric Data Collection
- Windows Support
- High Precision

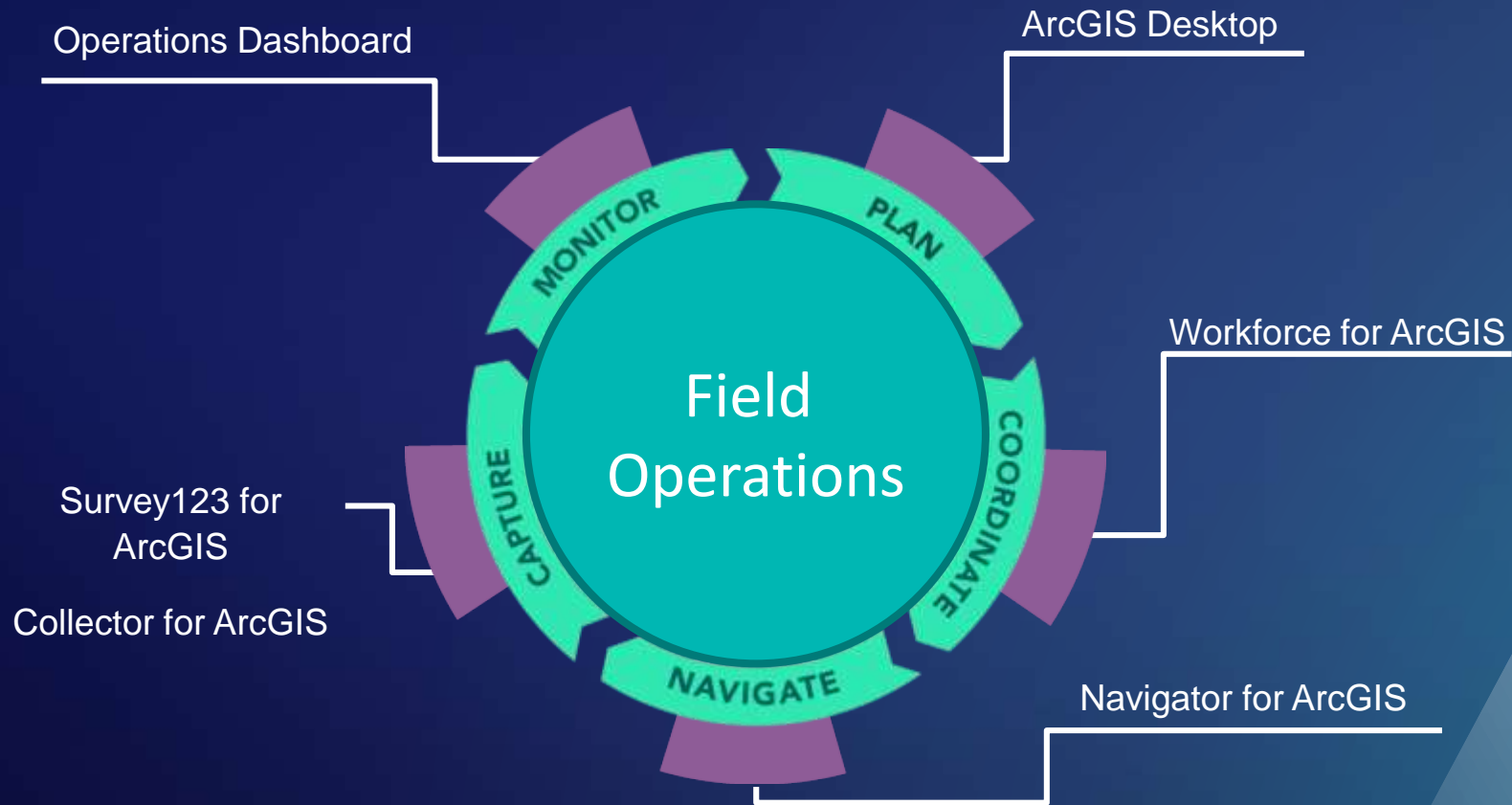
# Survey123 for ArcGIS



Smart Forms

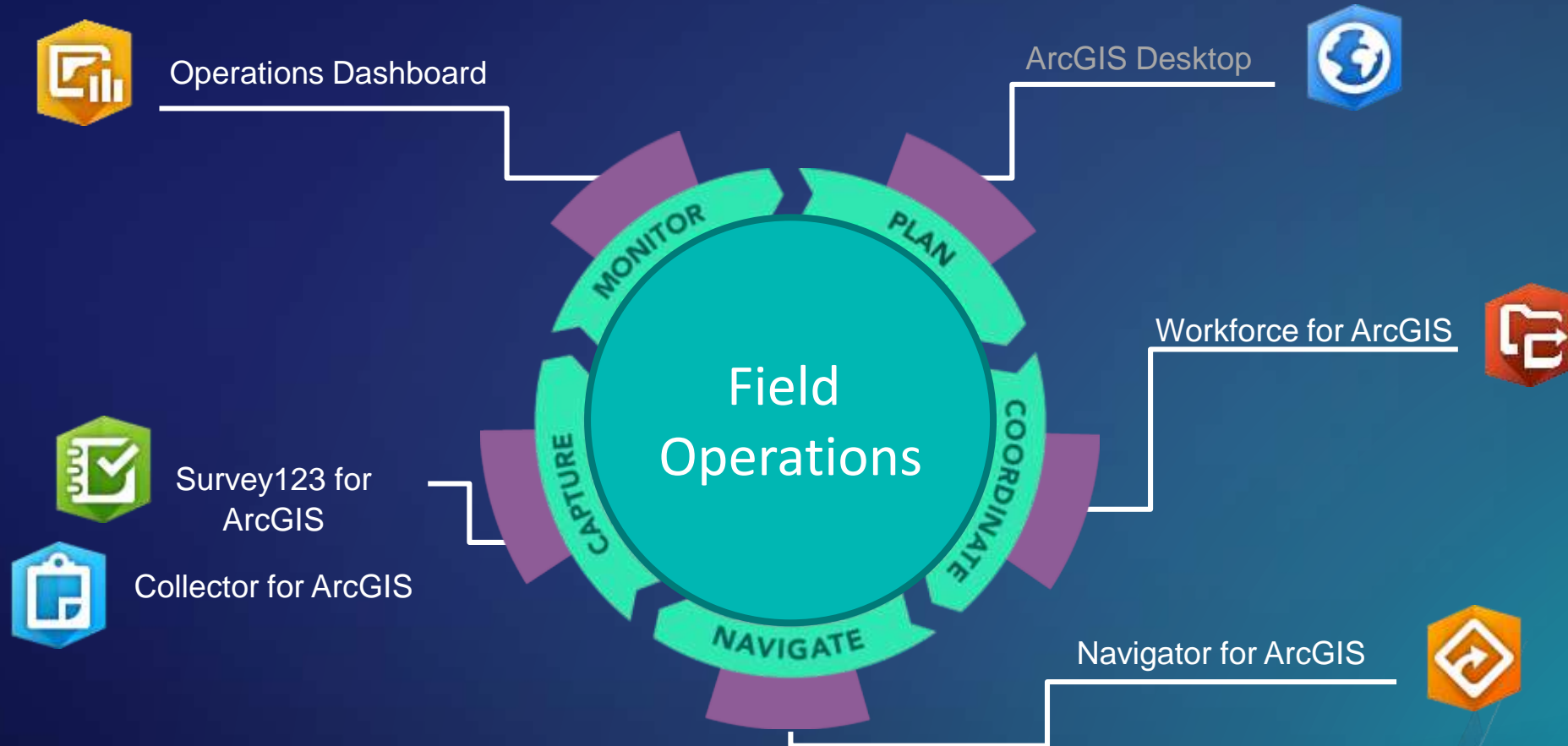
Source Code Available

# Operations Dashboard

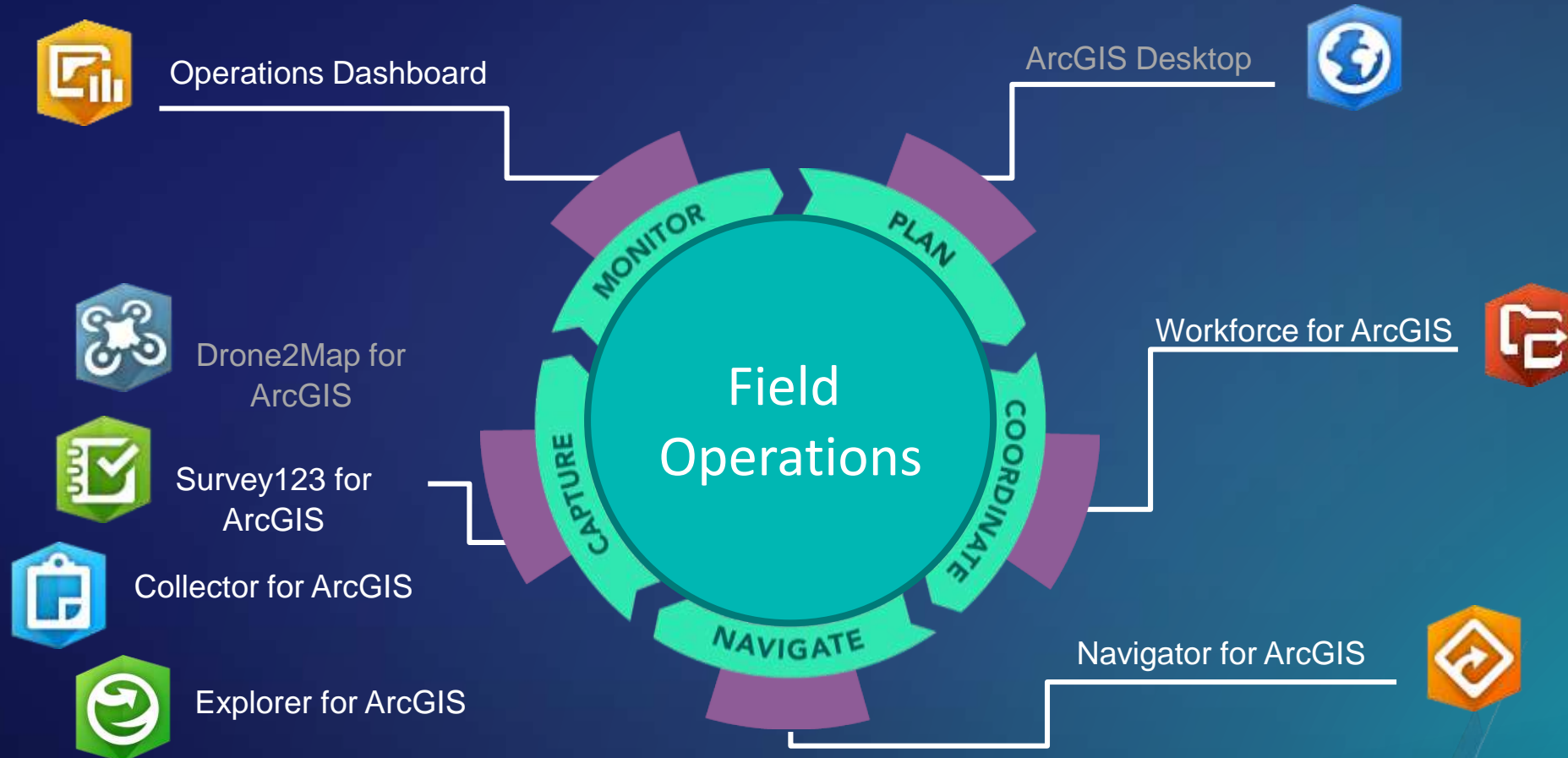


Real Time Monitoring  
Key Performance Indicators  
Next Generation

# ArcGIS: Realizing Optimized Field Operations



# ArcGIS: Realizing Optimized Field Operations



# Collector for ArcGIS

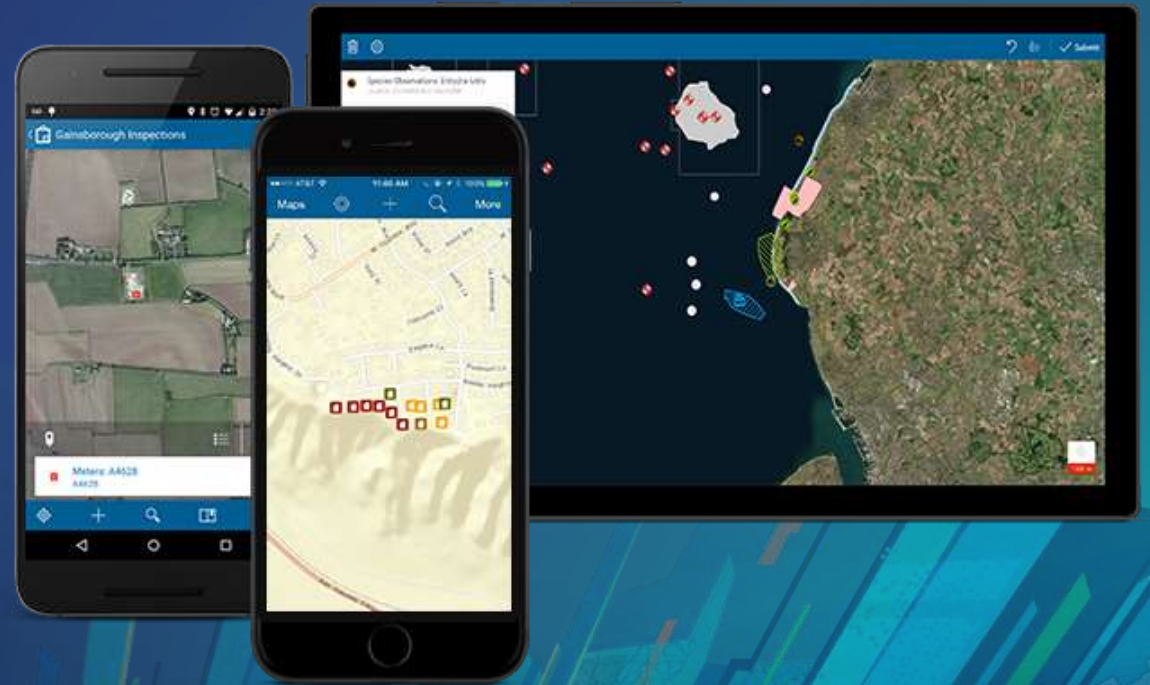
Map centric data collection



Web Maps

Works offline

High accuracy GPS



# Survey123 for ArcGIS

Form Centric Data Collection



Simple data collection experience

Web & Native / Desktop & Devices

End to end data collection workflow



# Workforce for ArcGIS

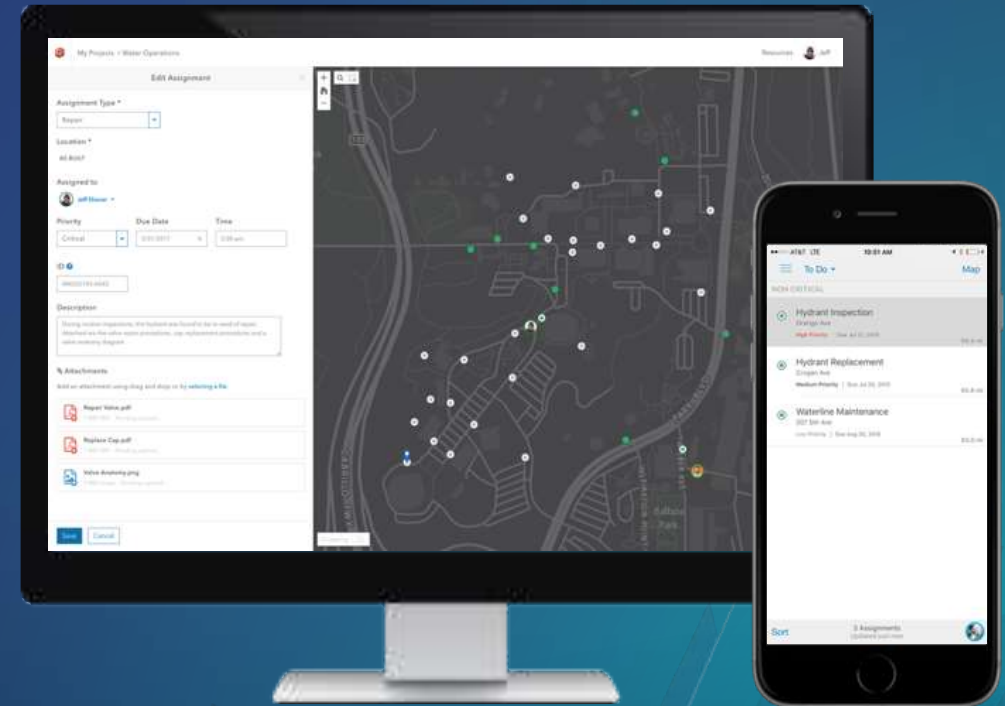
Coordinate field work



Plan, coordinate field work

Location Awareness

Optimize field operations





# Navigator for ArcGIS

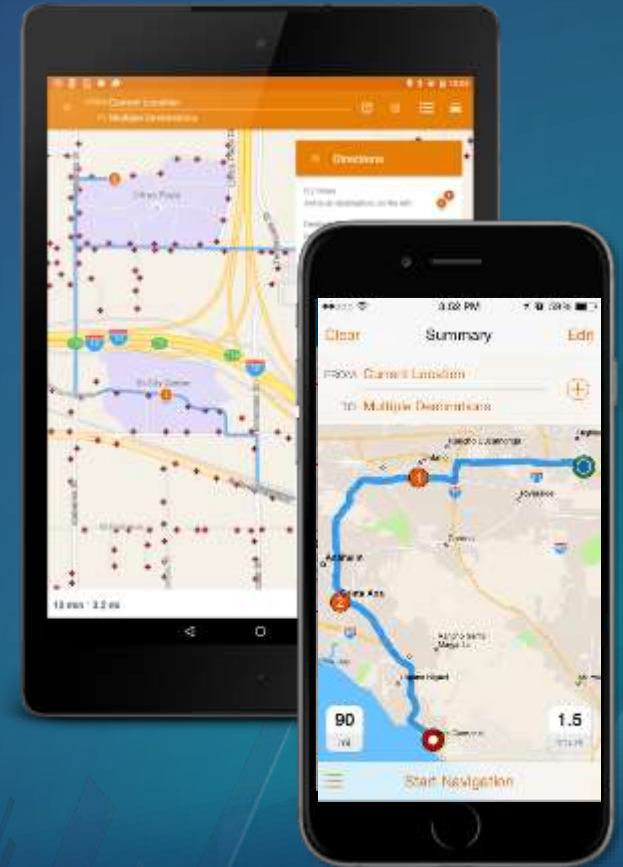
Get your field workforce where it needs to be



Use your own map (custom search, roads, routes)

Work offline – maps on your device

Route with travel modes (your vehicles, rules)



# Explorer for ArcGIS

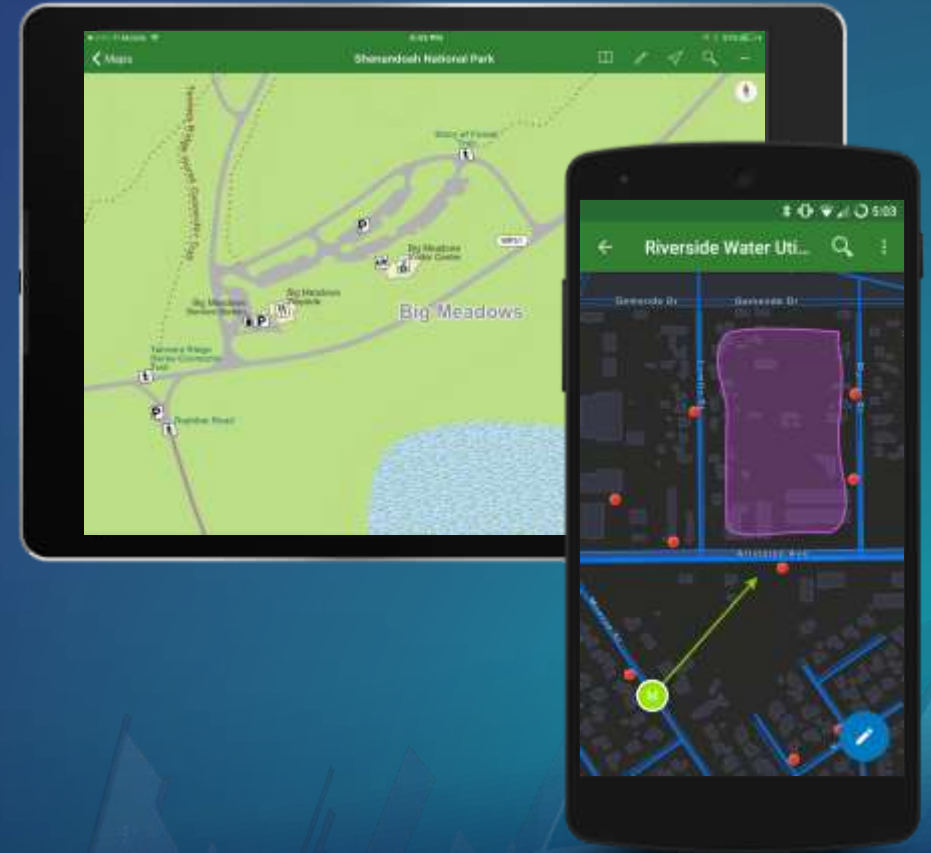
Your maps in your mobile device



Your maps anywhere

Access information while disconnected

Sketch, annotate, and communicate



# Operations Dashboard for ArcGIS

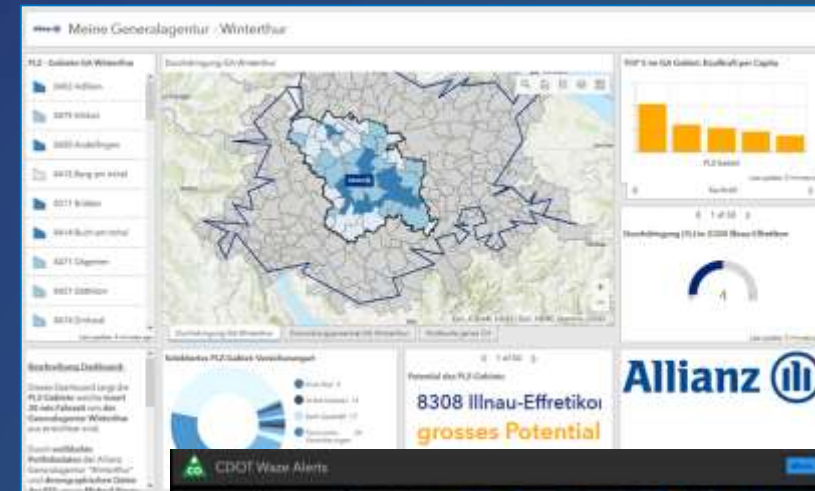
Supporting Decision Making at a Glance



Monitor real-time operations and assets

Key data indicators

Configurable, Flexible



# Enhance Workflows by Pairing Apps

## Collect and Monitor



## Third Party Integrations



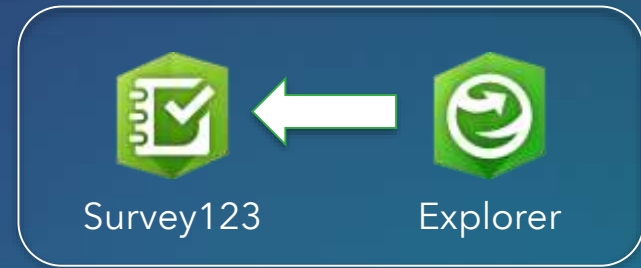
## Maps + Forms



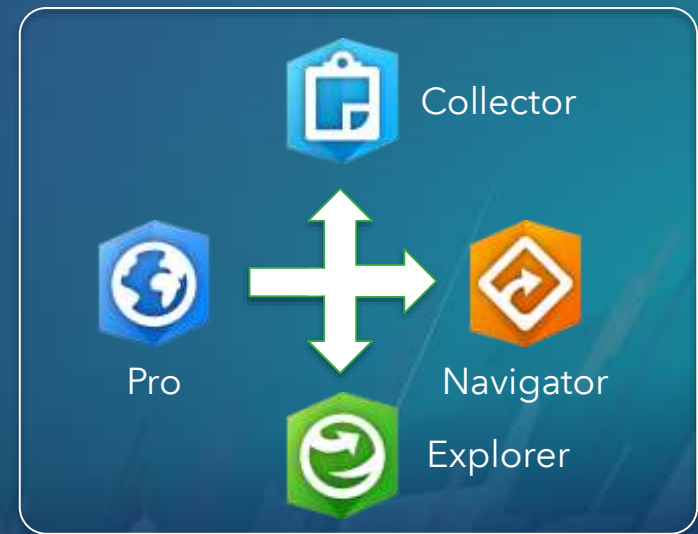
## Workforce Launchpad



## Forms + Maps



## Prepare - Field





# Demonstration

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Sep-24-2019



Questions?

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OF  
WHERE**