ArcGIS Field Apps: What’s New and What’s Coming

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MISSION STATEMENT

To digitally enable mobile workflows with location intelligence so field work can be completed faster, more efficiently, with better return on investment.

Optimize efficiency in field operations with the power of location intelligence.
Field Operations | Location-enable all phases of field work

**Plan**
Use location to assign and coordinate field activities

**Navigate**
Route to your work using your roads, your GIS data – even while offline

**Coordinate**
Act on real-time conditions in the field to update worker tasks

**Understand**
See what’s happening around you with maps

**Monitor**
Know where workers are and see the progress of work in real-time

**Capture**
Perform data collection and send it back to the office from anywhere

ArcGIS
Field Operations | Location-enable all phases of field work

- Plan: Workforce for ArcGIS
- Navigate: Navigator for ArcGIS
- Understand: Explorer for ArcGIS
- Capture: Collector for ArcGIS, Survey123 for ArcGIS, ArcGIS QuickCapture
- Coordinate: Workforce for ArcGIS, Tracker for ArcGIS, Explorer for ArcGIS
- Monitor: Tracker for ArcGIS, Operations Dashboard*
- Publisher extension: ArcGIS Publisher extension
Field Operations Apps | Road Ahead

Provide consistency of experience across apps
• Offline modes in every app
• Improve sign in experience across apps
• Achieve and maintain parity across all supported platforms

Enable ArcGIS Smart Forms across apps
• Create and use smart forms within Collector
• View smart forms in Explorer (and across the platform)

Make Field Operations apps easier to set up and manage
• Collector web app

Online Navigation
• Live traffic
• Live weather

Research areas
Indoor positioning
Utility network integration
Parcel fabric integration
At-rest data encryption
Augmented reality
Windows support

* As always, roadmap slides are subject to change at any time
Workforce for ArcGIS
Plan and coordinate field work

Plan and coordinate field work

Use location awareness to improve efficiency

Receive & manage field assignments
Support for **offline** workflows

Ability to display local tracks from Tracker

Pick-up work

Sequencing
Navigator for ArcGIS
Route your field workforce to where it needs to go

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

Use your own maps, asset inventory, and custom roads

Traverse **pre-planned routes** for maximum efficiency

*Navigate*
Route to your work using your roads, your GIS data—even while offline

[Download on the App Store](#)
[Get it on Google Play](#)
Use Route Layers from ArcGIS

What’s New in Navigator for ArcGIS

Save route layer to ArcGIS

API’s & SDK’s
Map Viewer
Enterprise
Desktop

Use route layer on device
See feature details

What’s New in Navigator for ArcGIS

Get to the right locations by seeing attributes, attachments, and media associated with features.
Route pausing
What's New in Navigator for ArcGIS

• Navigator remembers where you were in your route and intelligently resumes where you left off.

• ‘Lunch mode’
Support for IWA
What’s New in Navigator for ArcGIS
Biometric authentication
What's New in Navigator for ArcGIS
Connected services

Live traffic
Live weather
Web maps
Barriers
Explorer for ArcGIS
Maps at your fingertips

View your maps anywhere
Easily find field assets
Create and share notes on-the-go
Windows 10 support
What's Coming in Explorer for ArcGIS

GET IT ON
Google Play

Download on the

JUST SEARCH FOR "EXPLORER FOR ARCGIS"
IN THE MICROSOFT STORE

Try the beta now!
Layer refresh interval support
What's Coming in Explorer for ArcGIS
Offline Areas
Areas are defined in the webmap by the author and loaded onto the device via Explorer
Offline improvements
What's Coming in Explorer for ArcGIS

Offline On-demand

The ability to take part of a webmap offline from within Explorer

Functionally equivalent to what is in Collector today
Collector for ArcGIS
Accurate data collection made easy

Efficient data collection
Works anywhere, anytime
High data accuracy

Capture
Perform data collection and send it back to the office from anywhere

Get it from Microsoft
Download on the App Store
Get it on Google Play
Collector for ArcGIS
What’s New and What’s Coming

What’s New
• Parity release bringing Collector in line with Collector Classic
• Referenced basemaps, using the Files app, new transformations, more…

What’s Coming
• Locate workflows
• PKI support
• Parcel construction
• Snapping
• Bulk attribute update
• Simplifying field deployments with a new web interface
• Android support for new generation of Collector
• Introducing support for ArcGIS Smart Forms
• Utility Network support
Survey123 for ArcGIS
Form Centric Data Collection

Simple data collection experience

Sophisticated smart form capabilities

Web & Native
Survey123 for ArcGIS
Form Centric Data Collection

What’s New
• Feature reports
• Photo Watermarking
• Polygon + line data capture

What’s Coming
• Feature report PDF output
• Web maps, mmpk’s, VTPK’s
• On-prem API/website setup
• Extensibility framework
• Project update notifications
ArcGIS QuickCapture
Rapid data collection

A “big button” mobile app

Simplest way to capture field observations

At-speed data collection workflows

Capture
Perform data collection and send it back to the office from anywhere
ArcGIS QuickCapture
Rapid data collection

What’s New
• App launch in July 2019
• Localized to support all languages
• URL scheme support
• Configure Exclusivity Groups in Designer

What’s Coming
• Configurable maps (offline and online)
• Side-by-side map view for tablets
• Configure User Inputs in Designer
• Public projects for crowdsourcing and citizen science initiatives

Research
• Hey Quick! (voice operated commands)
• QuickCapture AI (integration with AI object detection)
• Integration with Android and Apple Watch
Tracker for ArcGIS
Know what happens in the field

Share your location

Know where everyone is

Own your location data

Monitor
Know where workers are and see the progress of work in real-time

Download on the App Store
GET IT ON Google Play
Tracker for ArcGIS
Know what happens in the field

**What’s New**
- App launch in July (ArcGIS Enterprise only)
- Updates to support iOS location privacy changes

**What’s Coming**
- Availability in ArcGIS Online
- Updates to support Android location privacy changes
- Basic analysis + charting capabilities in the Track Viewer web app
Enhance workflows by pairing apps

Collect and Monitor
- Operations Dashboard
- Survey123
- QuickCapture
- Collector

Workforce Launchpad
- Navigator
- Survey123
- Collector
- Workforce

Third Party Integrations
- Custom App

Maps + Forms
- Collector
- Survey123

Forms + Maps
- Survey123
- Explorer

Prepare - Field
- Collector
- Pro
- Navigator
- Explorer
Field Operations | How can you enable Field Operations?

- **Viewer**
- **Editor**
- **Field Worker**
- **Creator**
- **GIS Professional**

**Explorer** is available to all user types, including Viewers.

**Editor** includes Workforce, Collector, Survey123, and QuickCapture.

**Available in ArcGIS Online and Enterprise**
Field Operations | How can you enable Field Operations?

Field Worker User Type

Comes with Workforce, Collector, Survey123, and QuickCapture

Can use Explorer

Add premium apps as needed

Navigator

Tracker
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From the schedule, select the session you attended

Scroll down below the description to find the feedback section

Complete answers and select “Submit”