Tracker

for ArcGIS

By - Ahmad Arsyad bin Mohd Asri
Date - 18 November 2019
Venue - MAP2U Sdn Bhd, Nilai, Malaysia

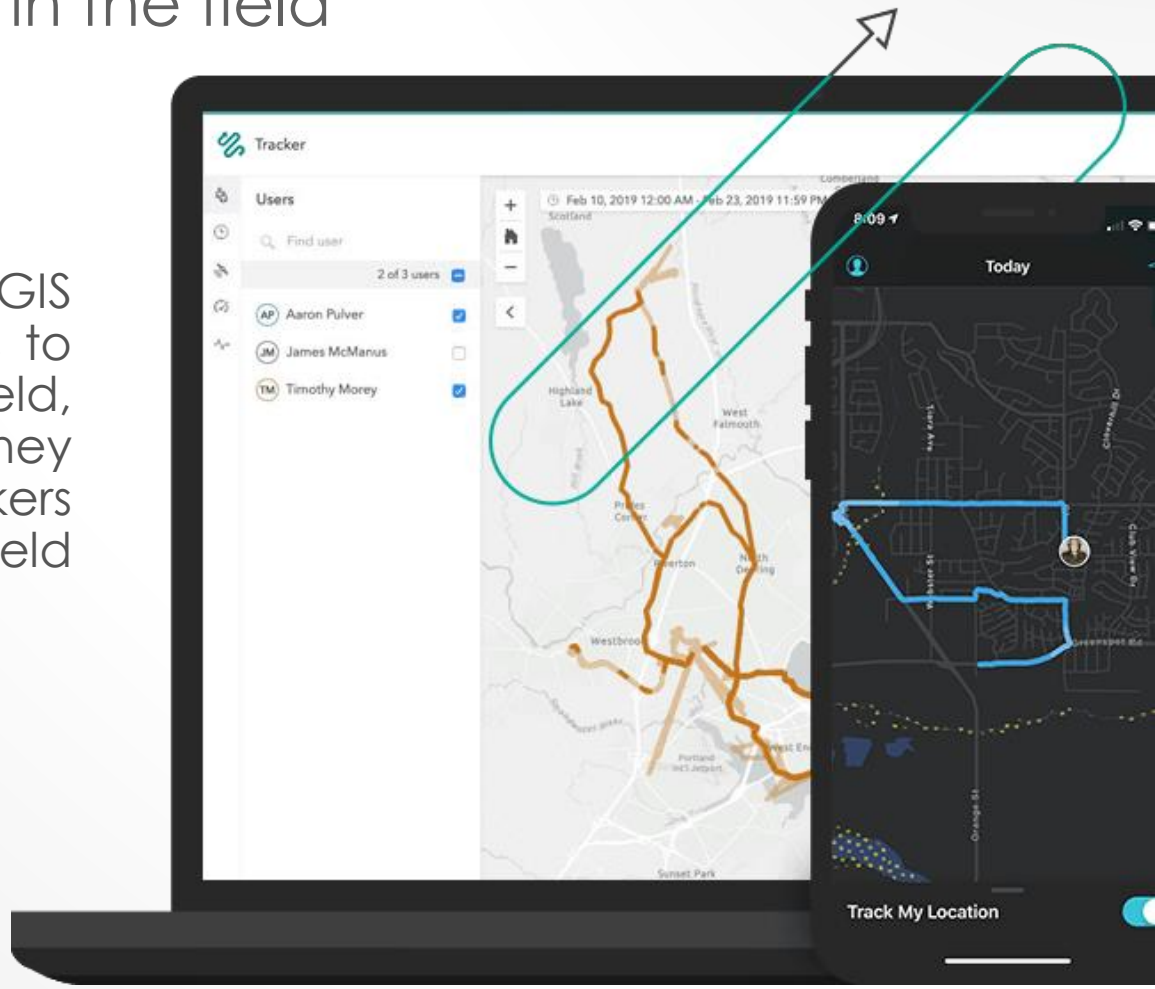
ArcGIS

MAP2U
Making GIS Grows, Together

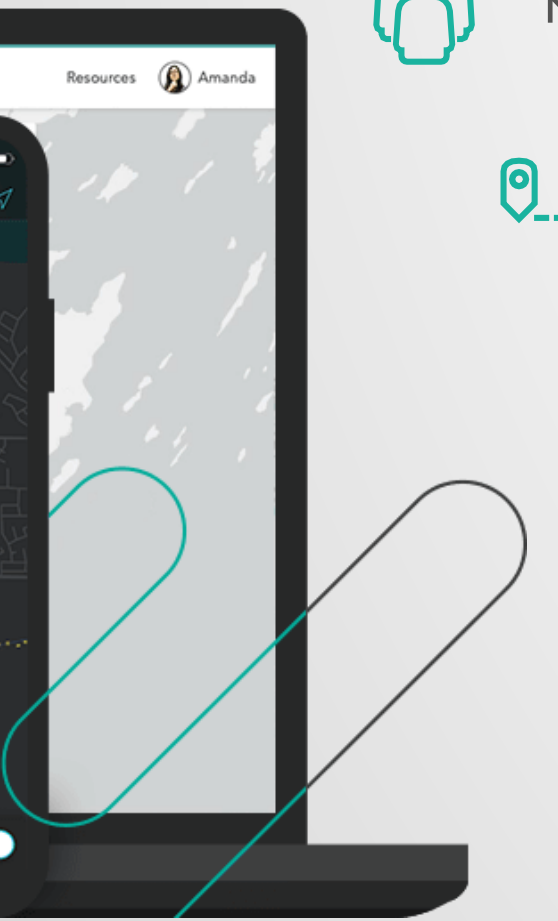
TRACKER FOR ARCGIS

"Know what happens in the field "

Part of the Esri Geospatial Cloud, Tracker for ArcGIS is a mobile solution that enables organizations to capture the tracks of their workforce in the field, monitor where they are, and analyze where they have been. Track patterns give decision-makers real-time information to support critical field activities and perform analysis in ArcGIS.



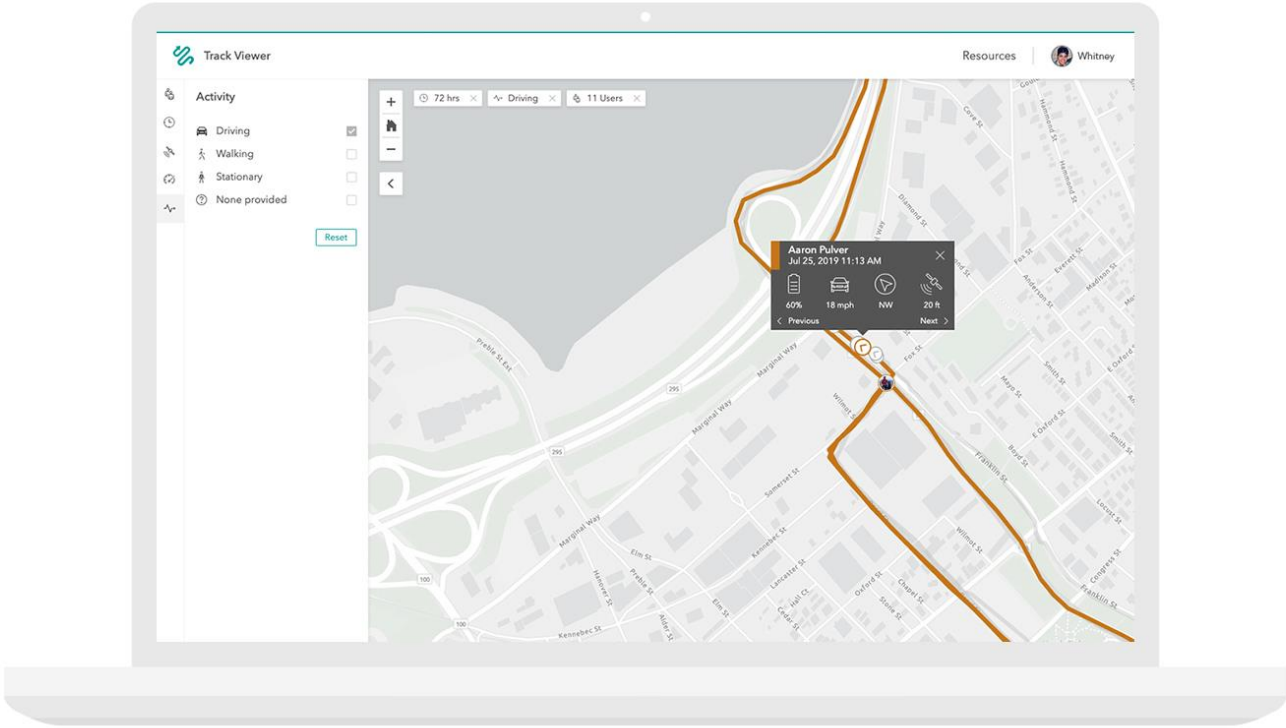
What tracker for arcgis can do for you



- Know where everyone is
- Detect pattern
- Promote efficiency
- Enable collaboration
- Get benefit of ArcGIS

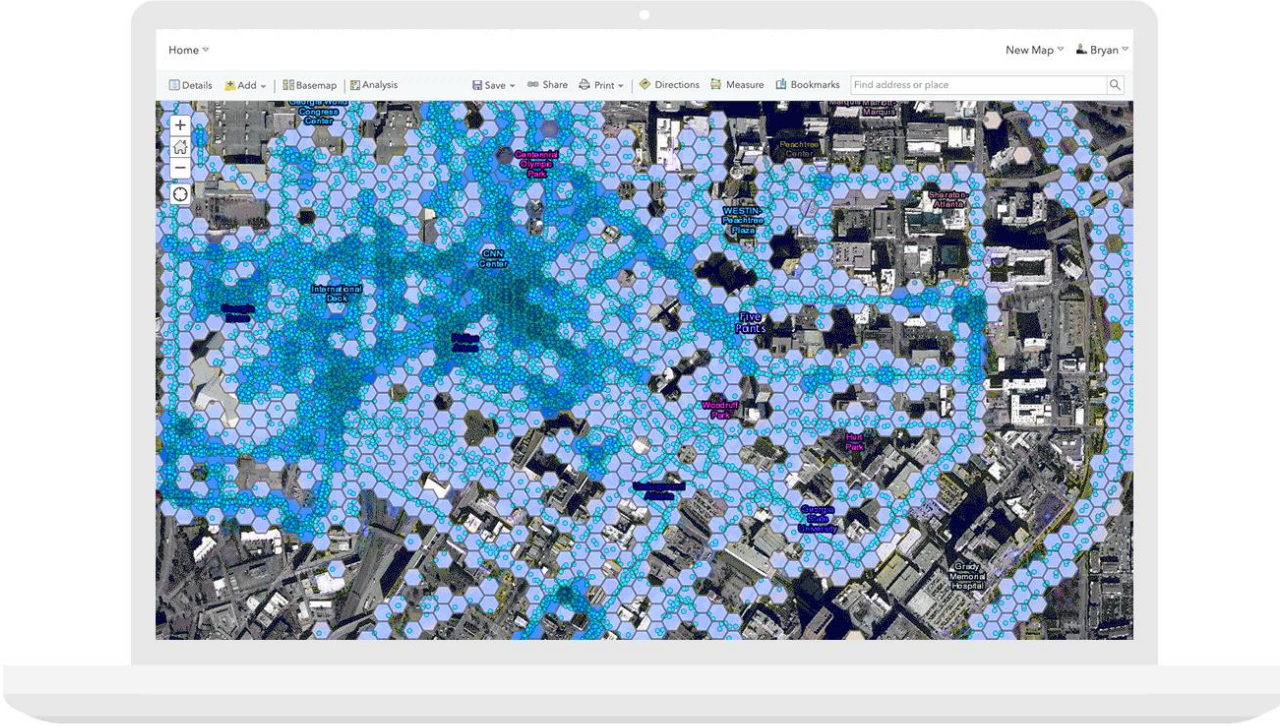
KNOW WHERE EVERYONE IS

See where your personnel are at any time. Accurately identify the nearest field personnel to respond to unplanned events. Be assured that field personnel are on task and that you have them dispersed for adequate coverage of the relevant area.



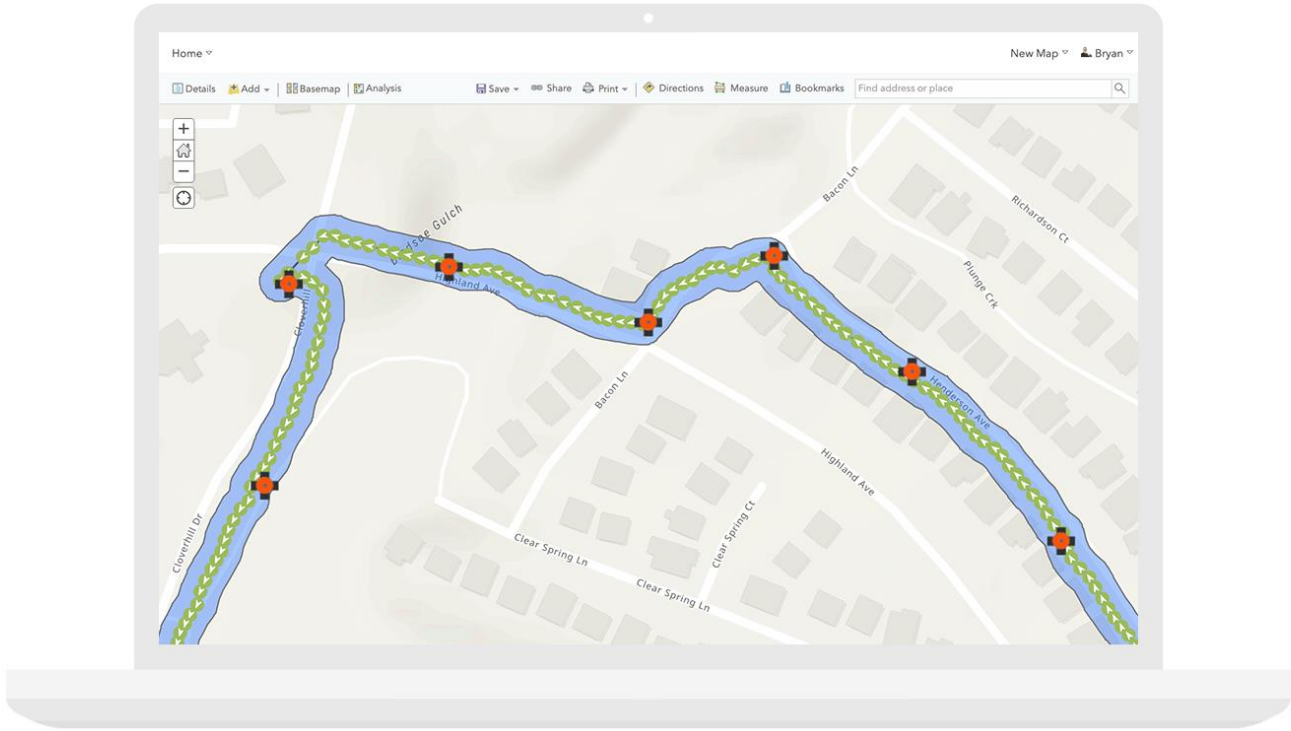
DETECT PATTERN

Analyze where your field workforce has been to gain greater understanding. Verify that territories were fully covered and discover areas that may be missing or redundant. More accurately assess the integrity of grid patterns when performing map-based search operations.



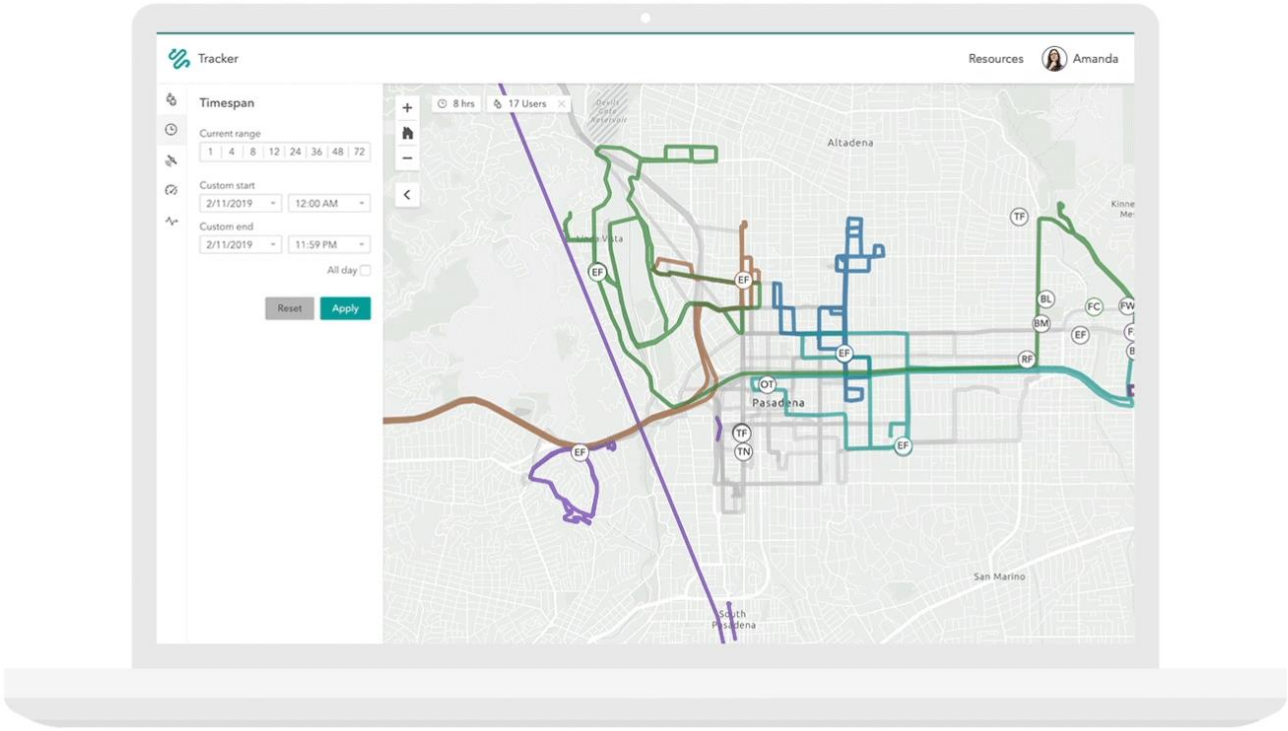
PROMOTE EFFICIENCY

Empower supervisors to view the tracks of the staff they manage for operational insights. Use track analysis with contextually relevant data to identify where field productivity is being gained or lost.



ENABLE COLLABORATION

Use track analysis to inform cross-department planning and coordination of field activities. Provide data to support collaboration between teams that enforce operational standards. Analyze track movements to see where compliance requirements are and are not being met.



GET THE BENEFITS OF ARCGIS

Benefit from knowing that your location track data is owned by your organization, within the secure and reliable ArcGIS platform that makes it easy to control who has permission to view tracks. The data is stored and managed right in ArcGIS, and readily available for reference and analysis.

Tracker for ArcGIS mobile app

Mobile users control when they are tracked. The app records tracks even with no data connection and with minimal battery impact.

Track Viewer web app

Administrators and those with permission to view tracks can explore, visualize, and interrogate tracks using the web app.

Location tracking feature service

With location tracking enabled, tracks are stored and managed as point features within a highly performant big data store in ArcGIS.

How Tracker works

ARCGIS ENTERPRISE CONFIGURATION OF TRACK VIEWER

Before arcgis enterprise users can create track views or view tracks in track viewer, you must set up arcgis enterprise and install track viewer on your windows or linux machine.

Requirements

To install Track Viewer on ArcGIS Enterprise, you need a base ArcGIS Enterprise deployment and a spatiotemporal big data store (one of the types of data stores available through the ArcGIS Data Store) using ArcGIS Enterprise 10.7 or later. The Track Viewer for ArcGIS setup must be run on all machines running the Portal for ArcGIS component. For high-availability configurations of ArcGIS Enterprise, the Track Viewer for ArcGIS setup must be installed on both the primary and secondary portal machines.

Supported versions

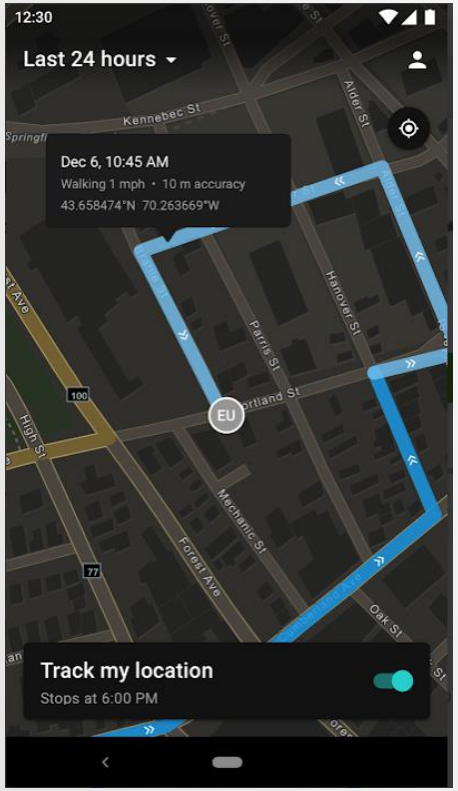
While Track Viewer is supported on ArcGIS Enterprise 10.7 or later, the version of Track Viewer that is supported varies based on your version of ArcGIS Enterprise.

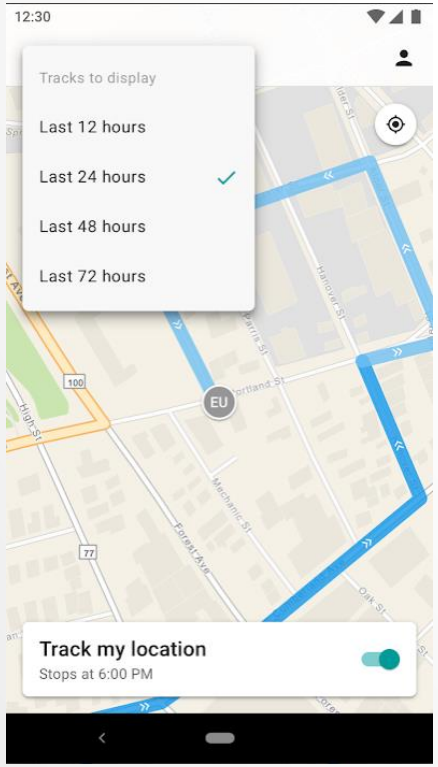
- ArcGIS Enterprise 10.7.1 supports Track Viewer 19.2.0.
- ArcGIS Enterprise 10.7 supports Track Viewer 19.1.0.

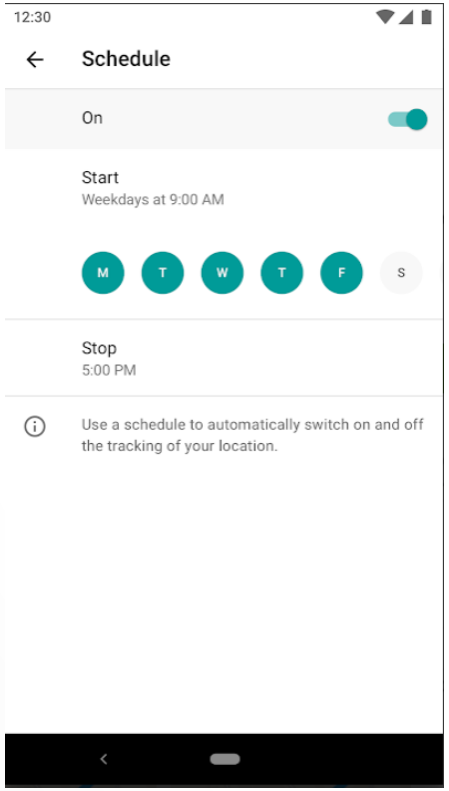
Web app requirements

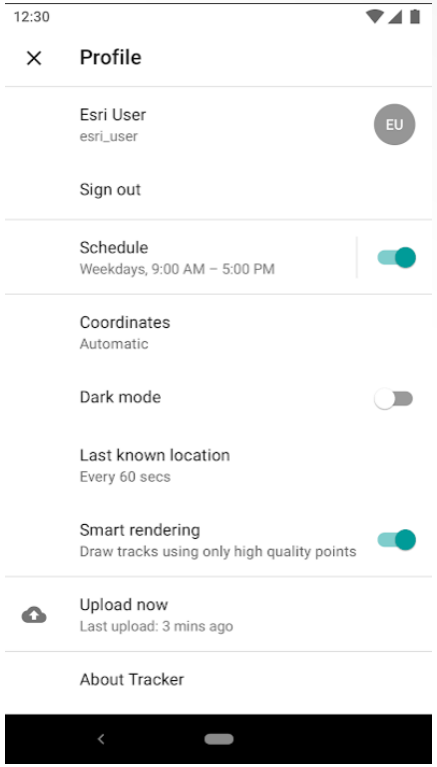
Track Viewer is supported with the following desktop web browsers. For best performance, use the latest version of the browser.

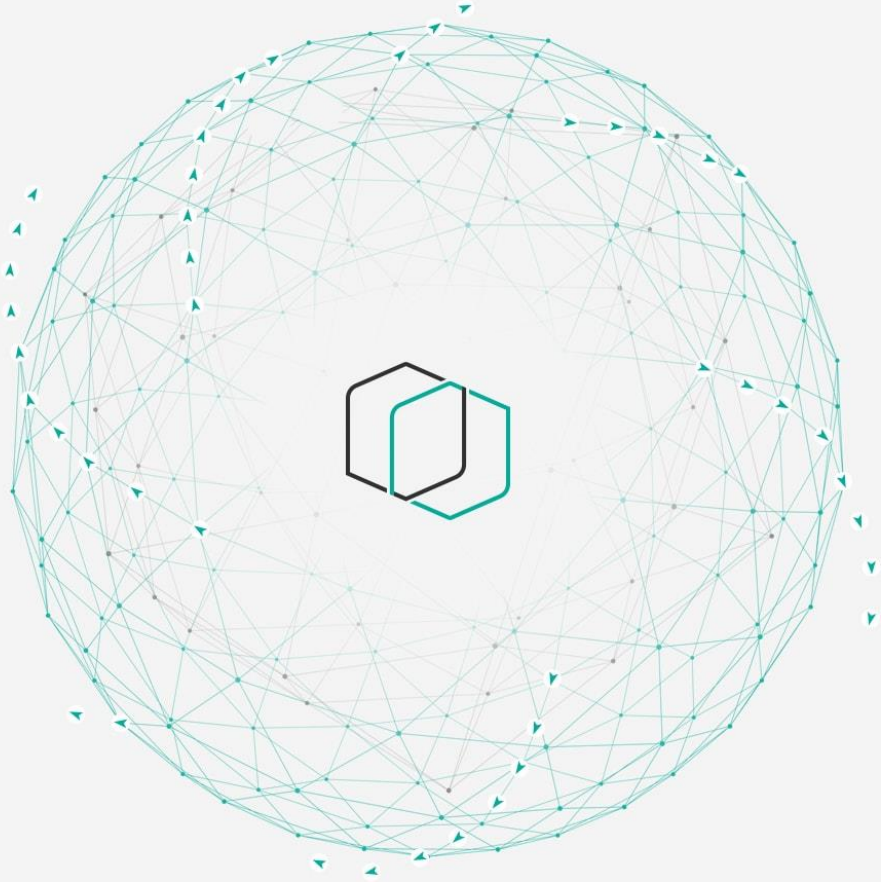
- Google Chrome
- Mozilla Firefox
- Microsoft Edge
- Safari


12:30
Last 24 hours
Kennebec St
Alder St
Dec 6, 10:45 AM
Walking 1 mph • 10 m accuracy
43.658474°N 70.263669°W
Hanover St
Parris St
Portland St
EU
High St
100
Mechanic St
Forest Ave
77
Oak St
Track my location
Stops at 6:00 PM


12:30
Tracks to display
Last 12 hours
Last 24 hours
Last 48 hours
Last 72 hours
EU
100
77
Track my location
Stops at 6:00 PM


12:30
Schedule
On
Start
Weekdays at 9:00 AM
M
T
W
T
F
S
Stop
5:00 PM
Use a schedule to automatically switch on and off the tracking of your location.


12:30
Profile
Esri User
esri_user
EU
Sign out
Schedule
Weekdays, 9:00 AM – 5:00 PM
Coordinates
Automatic
Dark mode
Last known location
Every 60 secs
Smart rendering
Draw tracks using only high quality points
Upload now
Last upload: 3 mins ago
About Tracker



Thank You

MAP2U

Making GIS Grows, Together