

GPS and Map App Providers

Below is a list of US map data providers for publicly-available apps and GPS navigation systems, based on available information and common usage in navigation applications. These providers supply geospatial data, such as maps, points of interest (POI), and real-time traffic information, used in GPS navigation systems for consumer, commercial, and open-source applications. This list includes both proprietary and open-source data providers.

Note the free, popular apps (i.e., Apple and Google) do not currently specify truck routes or route based on vehicle type.

Apple Maps

- **Description:** Apple's proprietary mapping service, providing data for navigation apps on iOS and macOS devices. It uses data from multiple sources, including **TomTom** and **OpenStreetMap**.
- **Applications:** **Apple Maps** app, integrated into **iOS** and **CarPlay**
- **Key Features:** Look Around (street-level imagery), real-time transit, and privacy-focused navigation.
- **To update data:** Users should edit the map within the app as follows. Hold down at the spot you want to fix, and then click, "report something missing." To change a road name, next click road and add the updated road name. If you're experiencing problems, call Apple support: 1-800-275-2273.

Google Maps

- **Description:** A leading commercial web mapping platform powered by the Google Cloud Platform, offering geospatial data visualization, real-time traffic analysis, and navigation features. Widely used in consumer apps and integrated into many third-party navigation systems.
- **Applications:** **Google Maps** app, **Waze** (owned by Google), and various third-party apps
- **Key Features:** Real-time traffic, transit updates, street view, satellite imagery, and routing algorithms.
- **To update data:** There is no direct contact, instead users must edit the map as follows. Click on the feature you want to change then select "Suggest an edit" – you can then manually edit or you can send a ticket with "Your opinions about maps."
- **To report outdated imagery:** https://support.google.com/maps/contact/report_outdated_imagery
- **For help editing maps:** [Google Maps Help](#)

TomTom

- **Description:** A major provider of mapping and navigation data, offering high-quality, detailed maps and real-time traffic information. TomTom supplies data to many standalone GPS devices and in-car navigation systems.
- **Applications:** **Sygie** GPS Navigation, **TomTom GO** Navigation app, and automotive navigation systems (e.g., Toyota, Fiat)
- **Key Features:** 3D offline maps, real-time traffic, speed camera alerts, and frequent map updates
- **To update data:** You need to create a TomTom account and sign in use MapShare Reporter. You can then report map errors using TomTom MapShare Reporter. Log in, search for the location, select the error type, add details, and submit. For truck-specific changes, mention this in your report comment. For any issues with this process, use the help page here: [Contact us – TomTom Support](#)

[OpenStreetMap \(OSM\)](#)

- **Description:** An open-source, community-driven mapping project providing freely editable geospatial data. OSM is widely used in open-source navigation apps and by developers for custom mapping solutions.
- **Applications:** [MAPS.ME](#), [OpenCPN](#), [OsmAnd](#), and many open-source GPS software
- **Key Features:** Offline maps, detailed POIs, and support for custom mapping. Updated daily by contributors.
- **To update data:** Make an account, then click “Edit”, click on the road, then you can edit its attributes.

[Garmin](#)

- **Description:** A major GPS hardware and software provider, offering mapping data for automotive, aviation, marine, and outdoor applications.
- **Applications:** [Garmin Drive](#), [Zumo](#), [GPSMAP](#), and [Explore](#) app
- **Key Features:** Vector-based maps, topographic data, and fleet management tools
- **To update data:** [Report a Map Error](#)

[HERE Technologies](#)

- **Description:** A global provider of mapping and location data, offering high-precision maps for automotive, logistics, and consumer navigation systems.
- **Applications:** [HERE WeGo](#) app, automotive navigation systems (e.g., BMW, Mercedes), and third-party integrations
- **Key Features:** Offline navigation, real-time traffic, and HD maps for autonomous driving
- **To update data:** For the Here WeGo app email appsupport@here.com or for others [Contact Support](#)

[Mapbox](#)

- **Description:** A developer-focused platform providing customizable mapping data for navigation, visualization, and geospatial applications.
- **Applications:** Used in apps like [Strava](#), [Snapchat](#), and custom navigation solutions
- **Key Features:** Custom map styling, real-time data integration, and support for AR navigation
- **To update data:** <https://labs.mapbox.com/contribute>

[ViaMichelin](#)

- **Description:** A Michelin-owned mapping service providing road maps, driving directions, and travel-related data.
- **Applications:** [ViaMichelin](#) app, website, and automotive integrations
- **Key Features:** Michelin-starred restaurant guides, traffic updates, and route planning
- **To update data:** [Report a Map Error](#)

[Trimble](#)

- **Description:** A provider of satellite navigation software and mapping data, specializing in geospatial, transportation, and agriculture applications.
- **Applications:** Trimble [GeoExplorer](#), [SOLO Forest](#), and automotive navigation systems
- **Key Features:** High-precision GNSS data, map-matching algorithms, and field data collection tools
- **To update data:** Contact Support at <https://transportation.trimble.com/en/contact-us>

Telenav

- **Description:** A provider of location-based services and automotive navigation data, serving millions of connected cars worldwide.
 - **Applications:** In-car navigation systems (e.g., GM, Ford, Toyota).
 - **Key Features:** Scalable location intelligence, ADAS integration, and personalized navigation.
- To update data:** Email support@telenav.com

Topcon Positioning Systems

- **Description:** A US-based provider of high-precision data for geospatial and navigation applications, particularly in surveying and agriculture.
- **Applications:** Topcon receivers and navigation software
- **Key Features:** High-accuracy positioning, real-time kinematic (RTK) GPS, and geospatial data integration.
- **To update info:** Email tasupportamericas@topcon.com

Quadrant

- **Description:** A provider of point-of-interest (POI) data for navigation and mapping, enhancing contextual and connected maps.
- **Applications:** Ridesharing, delivery services, and GIS platforms.
- **Key Features:** Granular POI data, manually verified datasets, and route optimization.
- **To update data:** www.quadrant.io/about-us

Esri

- **Description:** A leading provider of GIS software and mapping data, offering tools like ArcGIS Field Maps for navigation and geospatial analysis.
- **Applications:** ArcGIS Field Maps, used by fieldworkers and researchers.
- **Key Features:** Data-driven maps, real-time location tracking, and GIS integration.
- **To update info:** [Basemap, Geocoding, Imagery & Routing Feedback - Overview](#)

Note: This list was created in 2026 and is based on publicly-available sources. Links and edit processes may change and not every emerging provider will be listed.