EXPLORE WHAT’S POSSIBLE WITH GOOGLE MAPS

Route Planning & Logistics

Accurate Locations
Ensure accurate, consistent address inputs with **Place Autocomplete**. Validate, geolocate, and clean your address database with **Geocoding API**.

Route Optimization
Find the optimum order to make your stops with **Directions API** waypoint optimization. Or use **Distance Matrix API** to feed travel times into a custom optimization algorithm.

Real-Time & Predictive Traffic
Provide accurate arrival times and route drivers on the fastest path with live and future traffic conditions in **Directions API** and **Distance Matrix API**.

Route Verification
Enhance the GPS tracks from your vehicles with **Roads API**. **Snap to Roads** will clean up your route logs to create an accurate representation of the path driven that matches Google’s map.

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**800 million**
routes delivered daily
Scale confidently, backed by our infrastructure.

**40 million**
miles of roads
Build with reliable navigation information wherever you go.

**25 million**
Updates daily
Count on accurate, real-time location information.