



Geolocation with Google Maps

Accurate global location for any connected device.

Global coverage

The largest network of WiFi points and cell IDs ensures coverage anywhere on Earth and is constantly updated through crowdsourcing from billions of Android phones. No GPS required.

Accuracy

Advanced positioning algorithms deliver typical accuracies of 10-20 meters and excel in problematic indoor and urban environments where GPS struggles. Perfect for IoT, asset tracking, wearables, and compliance.

Google Maps integrations

The Geolocation API seamlessly integrates with other Google Maps APIs, including map visualizations, points of interest data, and advanced routing capabilities to empower end-to-end solutions.



Geolocation is at the heart of the Doctor on Demand solution... With Google Maps APIs, accurately determining the state a patient is located in before connecting them with a physician becomes seamless.

- Ed Bindl

Senior Software Engineer
Doctor on Demand

Enterprise customers use the Google Maps Geolocation API to reimagine location-based solutions: from real-time asset tracking to corporate location compliance to IoT device management. This web service API returns the latitude and longitude of a device based on information about nearby WiFi and cell tower signals.

Asset Tracking

Track corporate assets (fleet vehicles, mobile endpoints, devices, shipments, or packages) in order to visualize supply chains in real-time, provide roadside assistance, or maximize asset productivity.

IoT (Internet of Things)

Customize device configuration for smart home devices and the internet of things. Track industrial equipment and remote assets to improve operational efficiency, prevent theft, and plan servicing.

Location Compliance

Geofence applications to ensure employees or customers are in an appropriate location for content consumption, mobile payments, security, or information access.

**Want to develop intelligent location solutions
Using the Google Maps Geolocation API?**

enterprise.google.com/maps/geolocation

