

Build routing, visualization & navigation applications using a **map-centric development platform** specifically designed for commercial vehicles

With highly configurable SDKs and flexible, interactive JavaScript APIs, we've got the development tools to build end-to-end routing, scheduling, visualization and navigation solutions. Just need a piece of the puzzle? Simply take one of our components and enhance any existing application. **Build on.**







Mapping

Embed high quality maps and customize them with styles, controls, markers, and any custom content.

Street-level, satellite maps

- Weather alert areas
- Road conditions
 & live traffic cameras
- Traffic congestion & roadway incidents
- Worldwide coverage

For use in: **Web, Mobile, Desktop**

Routing

Integrate trusted PC*MILER data for single or multi-stop routing, and precise mileage and route cost calculation.

- Commercial vehicle restrictions
- Route optimization
- Time window sequencing
- Hours of Service planning

For use in: **Web, Mobile, Desktop**

Navigation

Incorporate voice guided, turn-by-turn navigation to mobile applications with stand-alone or embedded integration options.

- Commercial vehicle routing
- On-board maps for offline navigation
- Route compliance
 - Driver alerting

For use in: Mobile



Location

Add forward, reverse, and batch geocoding capabilities to find places and locations, and plot them on a map.

- Structured address search
 - Single string search
 - Forward & reverse geocoding
- Batch geocoding

For use in: **Web, Mobile, Desktop**

Functionality can be used individually, or as a complete set for the highest level of operational accuracy and consistency.

A Proven Platform: Solutions Customers Have Built



Weather Alerting

Mapping API

Automated process for back office solution that scans active and future routes within inclement weather areas, sending alerts of potential disruptions.

Driver Workflow App

Mapping API, Routing API,

Navigation API and Location API

Integrated workflow application with route

planning incorporating Hours of Service breaks

and stop locations, weather and traffic and display, and turn-by-turn voice guided navigation.



Route Planning & Fleet Tracking

Mapping API, Routing API and Location API

Interactive route planning utilizing truck legal routes with fuel stops, as well as real-time visualization of truck stats and status, including location, direction, speed, and HOS.



Trip Analysis

Mapping API, Routing API, Navigation API

Real-time out-of-route notifications and post-trip breadcrumb views of the routes driven to better understand planned versus actual and opportunities for driver coaching.

Partner With Us

- Flexible licensing models and competitive pricing
- ✓ Valuable pre-deployment project and integration management for a smooth implementation
- Highly experienced and knowledgeable development, sales engineering, support, project management, and marketing teams to ensure a successful deployment

EASY INTEGRATION FOR FAST. FLEXIBLE DEPLOYMENTS

We've made it easy to get up and running quickly. View comprehensive online libraries filled with documentation, code samples, and examples of functionality.

GET AN API KEY AT: developer.trimblemaps.com

maps.trimble.com

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