Route Monitoring

Monitor custom routes and broadcast messages to drivers in real-time

Overview

When large events, accidents, or other unplanned traffic stoppages occur, it's important for road authorities, event managers, emergency services, and other trusted partners to be able to monitor the traffic situation on key routes. By providing users with information about current route travel times, delay times in comparison to free-flow traffic, and average data confidence level, the TomTom Route Monitoring service provides comprehensive traffic monitoring – making it easy for users to take proactive measures and improve mobility.

TomTom Route Monitoring is based on TomTom's live traffic technology, which is created by merging multiple data sources, including anonymous measurements from GPS navigation devices, mobile phone signals and sensor data from governments.

Features	Benefits
Easy-to-use web interface	Allows users to quickly create, monitor, and compare custom routers
Flexible API integration into existing applications	Enables users to send travel times and announcements to road-side displays (VMS), websites, and social networks
No road infrastructure required	Provides data within minutes through web page and route creation wizard Requires minimal setup or training making it cost efficient
Highly accurate and granular data from TomTom live traffic technology	Gives users ability to perform detailed analysis and have confidence that the data is reliable

End-user benefits

TomTom Route Monitoring benefits both drivers and road authorities, for example:

- Traffic managers can monitor conditions with travel times, delay times, and flow data, and then broadcast analysis and proactive measures through variable-message sign (VMS) integration, mobile or web apps, TV, and radio
- Drivers can be better informed and encounter less congestion, improving their driving experience

Product formats

TomTom Route Monitoring is accessible via:

- A web based application @ https://move.tomtom.com/
- An API @ https://developer.tomtom.com/

Sample applications

Several sample applications for the Route Monitoring service might include:

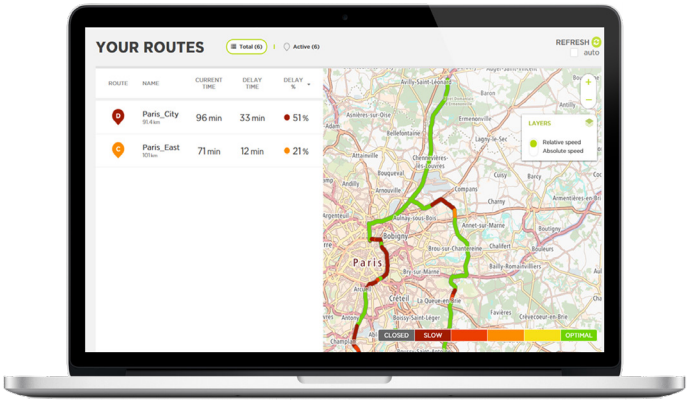
- Event planners for large attractions such as concerts and sports games who want to monitor routes of access and prevent traffic jams from occurring
- Traffic management authorities with a desire to resolve congestion and take corrective measures
- Emergency services (i.e., Police, Fire, and Ambulance dispatch) seeking the quickest routes to key areas

Analysis Examples

View real-time details per route, such as travel time, delay information, and confidence level; Easily identify the worst segments and bottlenecks through speed charts

Get detailed information per segment of a route

Monitor and compare multiple routes' real-time conditions



Compare pre-defined routes as you monitor real-time traffic flow conditions; Communicate current alternative route options to a broader audience through VMS API connectivity

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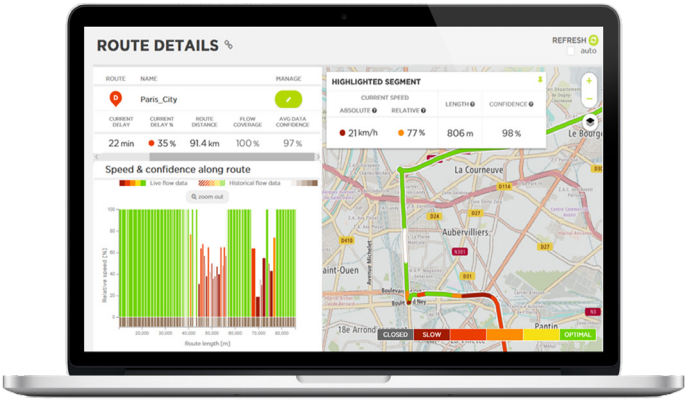

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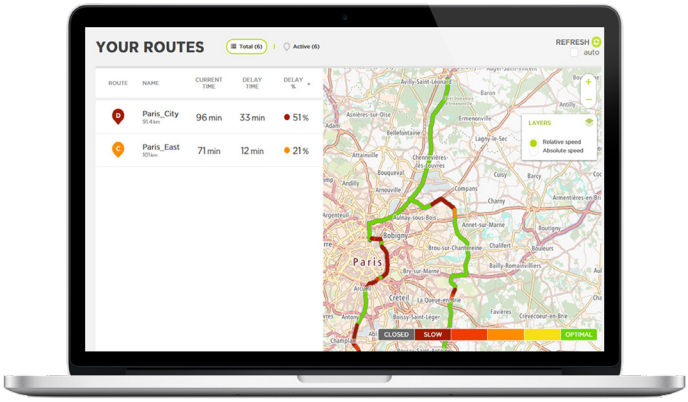

Compare pre-defined routes as you monitor real-time traffic flow conditions; Communicate current alternative route options to a broader audience through VMS API connectivity