TOMTOM

TRAFFIC

OVERVIEW

TomTom Traffic offers a highly accurate, real-time information service to drivers, traffic managers and road operators. The information is based on data from over 500 million GPS devices globally that are connected to the TomTom Traffic system. TomTom's connected community generates more than 2.1 billion km's of GPS traces every day - that is more than 24,000 kilometers every hour!
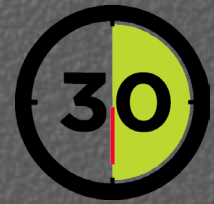
HOW IT WORKS?

The TomTom Traffic system receives information from up to 10% of all vehicles on the road in key markets, both in Western Europe and North America. This system observes traffic flow and incident information for the entire road network. Our fusion engine then intelligently combines the data from all available sources into a database and distributes it within automotive standards such as TPEG2 -TEC and TPEG2-TFP over IP Protocol.

INCIDENT AND SPEED INFORMATION FOR ALL ROAD SEGMENTS

REAL-TIME PREDICTIVE SERVICE
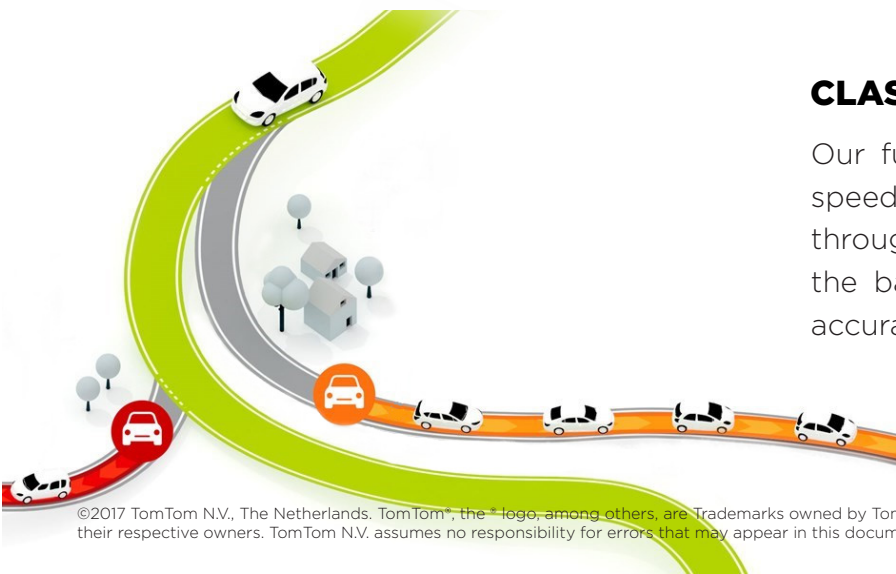
UPDATED EVERY 30 SECONDS

AUTOMOTIVE STANDARDS DELIVERY

Using OpenLR in combination with the exact position information received from the real-time TomTom traffic sources allows for more roads to be covered with more detailed traffic information and more advanced use cases than traditional traffic services like TMC.

CLASS-LEADING FUSION ENGINE

Our fusion engine intelligently analyses unique speed characteristics on small road stretches through updates every 30 seconds, this ensures the back of each jam can be pinpointed very accurately, up to 10 meters.

TomTom TRAFFIC

TOMTOM TRAFFIC INCIDENTS

Tomtom Traffic contains information on current observed incidents on all key roads such as relevant jams, road closures, road work, lane closures or accidents that could affect journey times. Traffic Incidents is available in more than 60 countries, in all continents and rapidly expanding.

OPTIONS INCLUDE:

Safety

- **Jam Ahead warnings:** Additional messages where reduction speed is significant
- **Weather related speed reductions:** Messages for delays due to snow or rain

Prediction

- **Jam Tendency:** Information on if the jam is getting worse, stable or getting better
- **Jam Lifetime:** how long the jam is expected to continue before returning to normal free flow conditions

TOMTOM TRAFFIC FLOW

TomTom Traffic Flow contains comprehensive information on the current observed speed on all key roads of interest. Traffic flow is available in over 60 countries worldwide. This information gives valuable insight into the traffic situation on the road network throughout the day.

OPTIONS INCLUDE:

Prediction

- **Speed Prediction:** Expected traffic speed on road stretches in 15, 30, and 45 minutes.

Convienience

- **Closure flag:** Flag added to indicate a closed road.
- **Traffic condition:** Status of the traffic is described (e.g. heavy/slow/stationary/etc.).
- **Relative speed:** Current speed is compared to free flow.