TomTom’s global data and data services ready to support road safety innovations

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9th Meeting of Technical Committee on Road Safety

March 2022
Our vision

We believe in a future with safer roads, free of congestion and emissions.
Our mission

Our mission is to develop innovative location technologies that make this vision a reality.
Uniquely positioned to solve the world’s mobility challenges

- 29 years of map-making expertise
- Proprietary and innovative technologies
- Making the lives of drivers easier
- Put safety and security above all else
- Independent
The leading independent location technology specialist

Highly accurate maps

Navigation software

Real-time traffic and services
Disrupting mobility since 1991

Strong foundation...

- Founded
- Launched first navigation software
- Introduced the portable navigation device
- Acquired HD Traffic technology
- Acquired mapping company, Tele Atlas
- Launched TomTom HD Map for AD
- Acquired autonomous driving company, Autonomos
- Launched AutoStream and MotionQ


for shaping the future of mobility
Maps like no other

139+ million points of interest

517+ million address points

600+ million connected data sources

3+ million km driven by mobile mapping vehicles each year

Navigable maps for

164 countries

35 territories

69+ million km of navigable roads globally
Making it happen around the world

Headquartered in Amsterdam, with offices around the globe.
<table>
<thead>
<tr>
<th>Automotive</th>
<th>Enterprise</th>
<th>Consumer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Car manufacturers</td>
<td>Application developers, internet-of-things companies, governments, logistics services and fleet management experts, and cloud service providers</td>
<td>Drivers</td>
</tr>
</tbody>
</table>
Road analytics

TomTom road analytics products are your gateway to 10+ years of historical road data and live traffic analytics. Available via TomTom’s MOVE portal or API, our suite of solutions offers transportation planners, road authorities, businesses and drivers the insights needed to make smarter decisions, reduce congestion and improve mobility.
The sum of kilometers of the roads that concentrate 75% of travels is: 5,050 km

The percentage of roads needed to be upgraded to reach the road safety rating targets of 75% is: 8.6%
MOBILE MAPPING

The combination of 2 DGPS antennas, inertial sensors and the odometer ensure highly accurate positioning.

The Ladybug 5 collects 3.8 billion pixels per km that are used to validate real-world changes.

Velodyne lidar collects 700,000 data points per second delivering AD accuracy to within 2 cm.

3+ MILLION KMS

Driven by mobile mapping vehicles each year.

Internal computer processes 1 terabyte of data daily.
Mobile Mapping

Why TomTom?

- + 20 years experience in collecting images and point cloud sensor data
- Global Mobile Mapping fleet equipped with latest and greatest sensors/cameras
- Data coverage TOP 4 road classes
  City coverage
- Local expert teams
Data Use Cases

- Capture sources
- Detect change
- Make change
- Enable continuous integration
- Publish incremental updates
- Consume map
Data Use Cases

Josip Broza Tita
Josip Broza Tita, Podgorica, 81101, MNE
Data Use Cases
Data Use Cases
Data Use Cases
MaaS
What TomTom Provides?

Delivering access to rich global and local geographic information

High-definition feature-rich 360° panorama images and point cloud sensor data

MoMa Application Programming Interface (API)

Archive or on-demand data collection
Anditi’s Roadviewer is the 16th iRAP accredited inspection system and the first in the world that allows users to code Star Rating attributes based on 3D mobile LiDAR data.

RoadViewer uses existing data captured by TomTom as part of its global mobile mapping (MoMa) programme, gathering some 3 million kilometres of new data per year in over 60 countries.
THANK YOU

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Feature extraction: examples
MoMa data coverage – Western Balkan