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## TomTom delivers HAD Map for all highways in Germany

*~ Enables robust automated vehicle testing in region known for HAD development leadership ~*

**IAA, Frankfurt –15 September, 2015** – [TomTom](#) (TOM2) today announces the industry's first commercial launch of an HAD Map for a complete country. TomTom's HAD Map of Germany, covering the complete Autobahn network, provides a 3D lane map for 24,000 kilometers of roads. By delivering this highly accurate border-to-border model of the road, TomTom's HAD Map enables a self-driving vehicle to see beyond its sensors.

"We believe that our ability to deliver a HAD Map for Germany demonstrates both the power of our mapmaking engine and our continued commitment to meeting the needs of the automotive market," said Antoine Saucier, Managing Director, TomTom Automotive. "As leaders in technology innovation, TomTom is excited about the role that we are playing in making highly automated driving a reality."

The TomTom HAD Map for the highway network in Germany provides a highly accurate and realistic representation of the roadway, including the following map features/attributes:

- 3D geometries of lane centerlines, lane dividers, road borders, and guard rails
- Lane-dependent speed limits and lane divider marking types

Together these advanced map features extend the range of view for the vehicle while supporting smoother, safer, and more efficient driving scenarios. In addition to enabling future self-driving cars to see beyond their sensors, the TomTom HAD map can also be used for advanced driving applications like improved versions of eco-adaptive cruise control (ACC), lane level guidance, and predictive powertrain control.

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