TomTom Reaches Mapping Milestone: 1.5 Billion Updates in a Single Month

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Digital representation of reality now more accurate and faster than ever

Amsterdam, The Netherlands, August 21, 2018 TomTom (TOM2) today announced that, in a single month, it has made 1.5 billion changes to its digital maps which are delivered to TomTom customers on a weekly basis. The milestone is key to the company's mission to shape the future of mobility in a world that increasingly relies on digital maps as an accurate representation of reality.

On average, TomTom's map is updated more than 570 times a second. The changes are a mixture of geometry and road features and may include new POIs, altered road junctions or new addresses.

Alain De Taeye, Member of TomTom's Management Board, comments: "The time between a change happening in the real world and this change being reflected in our map is now much shorter than ever before. Every change that happens in our map is quality guaranteed – so not only can we scale beyond other mapmakers, it also comes with the right level of quality for even the most demanding applications."

Over the past years, TomTom has optimized professional mapmaking techniques with the use of community input from hundreds of millions of map users worldwide, GPS probe data from 550 million connected devices, local map technicians and mobile mapping vehicles. TomTom's transactional map production platform, with continuous integration, uses machine learning and artificial intelligence to ensure short cycle times between detecting changes in the real world and updating the map – with guaranteed quality levels. This level of scalability allows TomTom to deal with any level of detail in both its navigation map and high definition (HD) map for autonomous vehicles.

De Taeye continues: "To shape the future of mobility, 1.5 billion changes to our maps in a single month proves the scalability of our unique production platform, and brings us a step closer to real-time maps. We're excited to be driving this future."

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Notes to editors

1.5 billion map changes in a month equates to 49.3 million changes per day, 2.1 million changes per hour, or 570 changes per second. TomTom's maps are delivered to automakers, Tier 1 suppliers, technology companies and developers on a weekly basis.

By capturing more than 1.5 billion map updates in July, TomTom's business customers have access to an additional:

- 1.32 million kilometers of roads, enabling more accurate routing
- 5.9 million Points of Interest, assuring that users can find whatever they are searching for
- 2.6 million Address Points, enhancing routing & geocoding accuracy.

About TomTom

TomTom created the easy-to-use navigation device, one of the most influential inventions of all time. Since then, we have grown from a start-up, into a global technology company.

We design and develop innovative navigation products, software and services, that power hundreds of millions of applications across the globe. This includes industry-leading location-based and mapmaking technologies, embedded automotive navigation solutions; personal navigation devices and apps, and the most advanced telematics fleet management and connected car services.

Combining our own R&D expertise with business and technology partnerships, we continue to shape the future, leading the way with autonomous driving, smart mobility and smarter cities.

Headquartered in Amsterdam with offices in 37 countries, we offer advanced digital maps that cover 142 countries, and our hyper-detailed and real-time TomTom Traffic information service reaches more than five billion people in 69 countries. www.tomtom.com