



Trimble and General Motors Mark Historic Milestone: More Than 34 Million Hands-Free Miles on the Road

October 26, 2022

Trimble Autonomy and GM are Delivering an Enhanced Driving Experience

WESTMINSTER, Colo., Oct. 26, 2022 /PRNewswire/ -- General Motors and Trimble (NASDAQ: TRMB) recently reached a significant milestone in the hands-free driving world—more than 34 million miles driven with Super Cruise™* engaged on General Motors vehicles. GM teamed with Trimble to develop a reliable way to maintain in-lane positioning for hands-free driving, putting safety top-of-mind.



Trimble's precise GPS technology enables a vehicle to maintain its lane position in a variety of environments, including inclement weather conditions, including rain, snow, fog and more, which often challenges other sensors. GM's Super Cruise, the world's first true hands-free driver assistance system, uses Trimble RTX® (Real-Time eXtended) technology to deliver high-GNSS accuracy corrections since it introduced the technology in 2017 on the model year 2018 Cadillac CT6.

"Trimble RTX has been in commercial use for more than 10 years and in 2018 was the first precise point positioning correction service to log miles in a commercial autonomous driving system. It works with Super Cruise to help a vehicle maintain its lane position, bringing more consumers access to a more enjoyable and convenient driving experience," said Patricia Boothe, senior vice president of Autonomy, Trimble.

Standard GPS signals can have a margin of error up to 25 feet, which is not suitable for vehicles that require precise absolute position information to maintain lane-level positioning. Trimble's RTX technology removes errors in GNSS satellite data broadcasts to improve location accuracy on our roadways.

"Super Cruise is a life-changing technology, allowing customers to experience hands-free driving on compatible, mapped roads nationwide. The technology is a collaborative effort internally and externally to bring this advanced driver assistance technology to life," said Mario Maiorana, GM chief engineer, Super Cruise. "Trimble Autonomy has been a valuable collaborator in bringing Super Cruise to our customers."

**Always pay attention while driving and when using Super Cruise. Do not use a hand-held device. Requires active Super Cruise plan or trial. Terms apply. Visit cadillac.com/supercruise for compatible roads and full details.*

About GM

General Motors (NYSE:GM) is a global company focused on advancing an all-electric future that is inclusive and accessible to all. At the heart of this strategy is the Ultium battery platform, which will power everything from mass-market to high-performance vehicles. General Motors, its subsidiaries and its joint venture entities sell vehicles under the [Chevrolet](#), [Buick](#), [GMC](#), [Cadillac](#), [Baojun](#) and [Wuling](#) brands. More information on the company and its subsidiaries, including [OnStar](#), a global leader in vehicle safety and security services, can be found at <https://www.gm.com>.

About Trimble Autonomy

Trimble Autonomy delivers leading positioning and orientation technology to major industrial markets worldwide. This approach to autonomy is built on decades of engineering expertise, system intelligence and field-proven solutions, covering billions of acres and millions of miles. Trimble's autonomous technology enables advanced action in any environment, designed to meet the unique needs of our customers no matter where they are on their autonomy journey. For more information, visit: autonomy.trimble.com.

About Trimble

Trimble is an industrial technology company transforming the way the world works by delivering solutions that enable our customers to thrive. Core

technologies in positioning, modeling, connectivity and data analytics connect the digital and physical worlds to improve productivity, quality, safety, transparency and sustainability. From purpose-built products to enterprise lifecycle solutions, Trimble is transforming industries such as agriculture, construction, geospatial and transportation. For more information about Trimble (NASDAQ:TRMB), visit: www.trimble.com.

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