

High-Precision Positioning Available for Autos and Other Vehicles through Trimble GNSS Software Designed for the Automotive Market, Trimble RTX Auto Enables Increased Autonomy through Precision Positioning

SUNNYVALE, Calif., April 11, 2019 /PRNewswire/ -- Trimble (NASDAQ: TRMB) announced today the availability of Trimble® RTX Auto, a Global Navigation Satellite System (GNSS) software library, written specifically for use in safety critical automotive applications. The RTX Auto library can be integrated with any GNSS device and enables the decoding of Trimble's leading RTX correction stream for centimeter-level absolute positioning accuracy. RTX Auto works in parallel with other on-vehicle sensors to deliver a positioning solution that satisfies Advanced Driver Assistance Systems (ADAS) and Autonomous Driving requirements.

RTX Auto is both Automotive Safety Integrity Level (ASIL) and Automotive Software Process Improvement and Capability Determination (ASPICE) certified. These certifications validate that Trimble RTX Auto meets functional safety requirements for ADAS and autonomous applications in the auto industry.

"For over 35 years, Trimble has been at the forefront of positioning innovation, accelerating productivity for our users," said Patricia Boothe, vice president of Trimble's Advanced Positioning Division. "RTX Auto takes our technology leadership into functional safety applications and allows the automotive industry to leverage Trimble's leading RTX correction technology. Trimble RTX technology is helping to safely accelerate vehicle autonomy, transforming how the world drives."

While other correction service providers are validating their ADAS positioning products and services in test environments only, Trimble is on the road today providing RTX-based absolute positioning within General Motors' Super Cruise, the industry's first true hands-free driving system for the freeway. For more information on Super Cruise, visit: <https://www.cadillac.com/world-of-cadillac/innovation/super-cruise>.

Availability

RTX Auto is available now for use with both Trimble and non-Trimble GNSS devices by automotive OEMs or developers of autonomous solutions. For more information, contact Trimble's Advanced Positioning Automotive team: trimblertx_auto@trimble.com.

About Trimble RTX

Trimble RTX technology utilizes data from a global reference station network to compute high-accuracy positions based on satellite orbit and clock information. Trimble RTX powers a suite of real-time correction services delivering a range of accuracies from better than two centimeter to sub-meter performance in as fast as one minute. Trimble RTX-based positioning innovations are available worldwide via convenient, easy to access satellite delivery or via cellular/IP communication wherever connectivity is available. For more information on Trimble RTX, visit: www.trimble.com/RTX.

About Trimble

Trimble is transforming the way the world works by delivering products and services that connect the physical and digital worlds. Core technologies in positioning, modeling, connectivity and data analytics enable customers to improve productivity, quality, safety and sustainability. From purpose built products to enterprise lifecycle solutions, Trimble software, hardware and services are transforming industries such as agriculture, construction, geospatial and transportation and logistics. For more information about Trimble (NASDAQ:TRMB), visit: www.trimble.com.

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