Trimble Mediaroom

Trimble Introduces Next-Generation Trimble Earthworks Machine Control Hardware for Simplified Installation, Improved Performance and Reliability

New K2 positioning technology provides up to 15% improvement in uptime in challenging environments

LAS VEGAS, Nov. 9, 2026 /PRNewswire/ -- Trimble today announced the release of the Trimble MP1087 machine positioning solution, an "all-in-one" hardware solution has been shown in testing to deliver up to 15% improvement in uptime in challenging environments for the Trimble Earthworks grade control platform. The new Trimble MP1087 consolidates positioning and communication technologies into a single, compact unit that dramatically reduces installation complexity and provides unprecedented machine control performance, even in difficult terrain. This announcement was made during the Trimble Dimensions User Conference.

The MP1087 combines what was previously multiple, separate hardware components into one ultra rugged and compact integrated unit. By combining components, the MP1087 shortens installation time while making the technology both more reliable and easier to support. New, modernized and integrated communications capabilities combine Wi-Fi, cellular, UHF radio and network connectivity, improving performance and providing more flexible options for transmitting critical project data. Support for technologies like Wi-Fi HaLow demonstrates a commitment to open, standards-based communications that are easier and more cost-effective to deploy.

The MP1087 includes Trimble's new, next-generation Maxwell 8 GNSS technology, engineered to deliver significantly increased performance, operational productivity and superior resilience with new anti-jamming and anti-spoofing capabilities.

"We know that downtime equals dollars for our customers in an industry that works on thin margins," said Elwyn McLachlan, vice president, civil construction product and strategy, Trimble. "The MP1087 can enable improvements in uptime by up to 15% or more in difficult environments, including tree cover and in urban canyons. This solution put Trimble Earthworks into overdrive, delivering approximately ten times faster display-to-unit communications and typically five times greater processing power, which means overall improved performance and the ability to run richer data and more advanced applications on the machine. For more than 40 years, Trimble has set the standard in machine control, and with the introduction of the MP1087 we continue to push the envelope."

Availability

The new Trimble® MP1087 will be available worldwide through the Trimble dealer network in late Q4-26. The MP1087 is also available as part of Trimble Works and Works Plus subscriptions. For more information, visit https://civilconstruction.trimble.com/en/products/machine-control-and-guidance/trimble-earthworks.

About Trimble

Trimble is a global technology company that connects the physical and digital worlds, transforming the ways work gets done. With relentless innovation in precise positioning, modeling and data analytics, Trimble enables essential industries including construction, geospatial and transportation. Whether it's helping customers build and maintain infrastructure, design and construct buildings, optimize global supply chains or map the world, Trimble is at the forefront, driving productivity and progress. For more information about Trimble, visit: www.trimble.com.

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