

Trimble and Worldsensing Collaborate to Expand Monitoring Solutions with Wireless GNSS Sensors

Mining, construction and infrastructure industries to benefit from real-time data analysis, and time and cost savings

WESTMINSTER, Colo. & BARCELONA, Spain, September 23, 2024 – Trimble (NASDAQ: TRMB) and Worldsensing announced today the introduction of a solution for long term 3D ground and structural movement monitoring that will combine Trimble 4D Control™ (T4D) monitoring software with the new Trimble GNSS Meter, powered by Worldsensing. Designed for the mining, construction and infrastructure industries, this solution helps minimize the risks associated with land and structure instability by enabling faster and more cost-effective deployment for a greater range of project types.

This announcement was made on the eve of INTERGEO in Stuttgart, Germany and MINExpo in Las Vegas.

The new monitoring solution will connect a GNSS Meter, powered by Worldsensing, with Trimble T4D monitoring software to automatically transform data into actionable insights. The GNSS Meter is a sensor featuring real-time kinematic (RTK) technology and the ability to process data directly on the device, providing precise and automated measurement of 3D surface movements once placed onsite. The sensors then transmit movement data to T4D for real-time analysis and if exceeding established thresholds, to automatically alarm stakeholders.

Direct advantages of this new solution include:

- **Ease of use:** A user-friendly set up and intuitive interface make rapid deployment of tens, hundreds or even thousands of sensors possible with minimal training needed. This reduces the time and cost associated with
- **Cost effective:** This solution leverages wireless IoT technology to minimize infrastructure costs, eliminating the need for extensive cabling and reducing maintenance expenses. It also reduces the number of compo
- **Survey-grade precision:** The GNSS Meter's RTK technology and edge processing achieves reliable, millimetric precision enabling deployment across a range of project types and environments.

"Our collaboration with Trimble enables us to provide the geospatial market with an innovative solution that leverages IoT connectivity for precise, autonomous ground movement monitoring in land surveying, offering significant cost savings over traditional methods," said Andrea Bartoli, chief technology officer at Worldsensing.

"This is a fit-for-purpose solution that simplifies deployment and reduces costs," said Riley Smith, strategic marketing director, monitoring, mining and tunneling at Trimble. "It will be easier than ever for our customers in the mining, construction and infrastructure industries to meet a greater range of project requirements needing widespread sensor deployment across challenging environments."

Availability

Visit Trimble and Worldsensing at INTERGEO and MINExpo to learn more about this latest collaboration. The new solution will be available through the Trimble global geospatial distribution channel in the first quarter of 2025. To learn more, visit: <https://geospatial.trimble.com/en/resources/blog/trimble-and-worldsensing-collaborate-to-expand-monitoring-solutions-with-wireless-gnss-sensors>.

About Trimble Field Systems

Trimble Field Systems develops hardware, software and services that connect the site to the office for key industries around the world, including civil construction, surveying, mapping, automotive, marine, utilities and more. Leveraging decades of expertise and a commitment to driving innovative breakthroughs, we offer solutions that drive digital transformation across your field operations.

About Trimble

Trimble is transforming the ways people move, build and live. Core technologies in positioning, modeling and data analytics connect the digital and physical worlds to improve our customers' productivity, quality, safety, transparency and sustainability. For more information about Trimble (NASDAQ: TRMB), visit: www.trimble.com.

About Worldsensing

Worldsensing is a global IoT pioneer. Founded in 2008, the infrastructure monitoring expert serves customers in more than 70 countries, with a network of global partners to jointly drive safety in mining, construction, rail and structural health.

Worldsensing is headquartered in Barcelona and has a local presence in the UK, North and South America, Singapore, Australia and Poland. Investors include Cisco Systems, McRock Capital, ETF, Kibo Ventures and JME Ventures.

SOURCE: Trimble

GTRMB

Media Contacts:

Eric Harris
Trimble Inc
eric_harris@trimble.com

Clotilde Jouvanceau
Worldsensing
press@worldsensing.com



Trimble and Worldsensing Collaborate to Expand Monitoring Solutions with Wireless GNSS Sensors

<https://news.trimble.com/2024-09-23-Trimble-and-Worldsensing-Collaborate-to-Expand-Monitoring-Solutions-with-Wireless-GNSS-Sensors>