

Strategic agreements integrate Topcon technology into solutions from Bentley Systems and Worldsensing

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For immediate release



[Topcon Positioning Systems](#) has announced strategic agreements with [Bentley Systems](#) and [Worldsensing](#) to integrate its advanced GNSS (Global Navigation Satellite System) technology into the companies' innovative software and connectivity solutions.

"This series of agreements is an example of the innovation and collaboration that is driving technology adoption in our industries," said Ian Stilgoe, vice president of Emerging Business for Topcon. *"Not only are we improving workflows and operational gains for end*

users, but we are also expanding Topcon GNSS technology into exciting new markets and use cases."

Bentley Systems

As part of its agreement with Bentley Systems – an industry-leading infrastructure engineering software company whose solutions are used by professionals, and organizations of every size, for the design, construction, and operations of roads and bridges, rail and transit, water and wastewater, public works and utilities, buildings, mining and industrial facilities – Topcon will provide access to its powerful web-based GNSS processing engine. Bentley has integrated this technology into their advanced iTwin IoT monitoring solution.

"Combining our expertise in GNSS technology with Bentley's world-class software platforms will allow users to leverage accurate and real-time geospatial information for improved decision-making and operational effectiveness," Stilgoe said.

"We're excited to announce this integration of Topcon's GNSS technology into our suite of IoT-based monitoring solutions," said Steve Bentley, Senior Director of Infrastructure IoT for Bentley Systems. *"This integration will enable our users to combine cost-effective geospatial monitoring data with the wide range of geotechnical, environmental, and structural sensor data that we already support – providing real-time asset intelligence that can be combined with engineering data to advance infrastructure digital twins."*

Worldsensing

A global IoT pioneer in connectivity tools for geotechnical, structural and environmental monitoring, Worldsensing has integrated the Topcon AGM-1 GNSS receiver with its Thread X3 broadband sensor, used to monitor geohazards such as rock falls and landslides in pit mines, rail embankments and other ground structures.

"This will empower industry professionals to proactively identify potential risks for subsidence, heave, landslip, settlement and undertake preventive measures," Stilgoe said.

"Mining operations and the rail industry will greatly benefit from this collaboration."

Professionals in these fields can now access a comprehensive monitoring solution that ensures the safety of their operations while optimizing productivity, all at a much lower cost than before."

This integration marks a significant milestone in geohazard monitoring technology, offering a plug-and-play sensor solution that enables real-time detection and analysis of potential risks. By leveraging GNSS technology as the core component, Topcon and Worldsensing bring cost-effectiveness and efficiency to ground-movements monitoring applications while reducing the initial investment required for GNSS monitoring.

"This new offering aims to address the common challenges facing IoT deployments today, namely access to end-to-end, scalable, and flexible solutions", said David Deprez, Managing Director of Worldsensing. "We are facilitating IoT mass deployment for GNSS monitoring in collaboration with leading technology providers in the field. Customers will quickly recognize the value of this game-changing offer.

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, JME Ventures and Bentley Systems.

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About Topcon Positioning Systems

Topcon Positioning Systems is an industry-leading designer, manufacturer and distributor of precision measurement and workflow solutions for the global construction, geospatial and agriculture markets. Topcon Positioning Systems is headquartered in Livermore, California, U.S. (topconpositioning.com, [LinkedIn](#), [Twitter](#), [Facebook](#), [Instagram](#)). Its European head office is in Zoetermeer, Netherlands. Topcon Corporation (topcon.com), founded in 1932, is traded on the Tokyo Stock Exchange (7732).

About Bentley Systems

Bentley Systems (Nasdaq: BSY) is the *infrastructure engineering software* company. We provide innovative software to advance the world's infrastructure – sustaining both the global economy and environment. Our industry-leading software solutions are used by professionals, and organizations of every size, for the design, construction, and operations of roads and bridges, rail and transit, water and wastewater, public works and utilities, buildings and campuses, mining, and industrial facilities. Our offerings, powered by the *iTwin* Platform for infrastructure digital twins, include *MicroStation* and *Bentley Open* applications for modeling and simulation,

Seequent's software for geoprofessionals, and *Bentley Infrastructure Cloud* encompassing *ProjectWise* for project delivery, *SYNCHRO* for construction management, and *AssetWise* for asset operations. Bentley Systems' 5,200 colleagues generate annual revenues of more than \$1 billion in 194 countries.
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