sensemetrics Announces Integration with Topcon Positioning Group to Advance IIoT Monitoring in Geospatial, Construction and Infrastructure Markets

Alignment gives access to sensemetrics productivity tools and real-time data insights to elevate risk mitigation and safety management programs

SAN DIEGO (PRWEB) September 23, 2020 -- sensemetrics Inc., a global Industrial IoT (IIoT) and cloud technology company transforming sensor data into real-time business intelligence, today announced it has integrated its IIoT sensor platform with technology from Topcon Positioning Group, an industry leading designer, manufacturer and distributor of precision measurement and workflow solutions for the global construction, geospatial and agriculture markets.

The integration gives Topcon monitoring users access to sensemetrics’ productivity tools and real-time data insights to drive advances across environmental impact, risk mitigation and safety management programs in these markets. At the same time, sensemetrics customers can now benefit from more streamlined data sharing and monitoring between their Topcon and sensemetrics systems.

“We’re very pleased to see these developments with sensemetrics make this powerful integration possible,” said Alan Jones, Senior Business Development Manager, Topcon Positioning Systems. “Both companies are dedicated to using digital transformation to elevate safety and operational performance – and reduce risk – in these markets. This a big win for users.”

Topcon is recognized for industry-leading technology and automation capabilities, offering Global Navigation Satellite Systems (GNSS), machine control, and precision agriculture systems. Its "World's First" technologies, which include high-speed precision grading, hybrid GNSS positioning systems with sub-centimeter accuracy, and advanced crop sensing and nutrition application control, have set new standards for productivity and conservation.

“Topcon is a global industry leader and innovator, which is why it’s no surprise that many of our customers have been asking for this integration,” said Todd Roberts, Director of Infrastructure, sensemetrics. “We’re thrilled to bring it to market.”

Businesses in the infrastructure, heavy-civil, and high-rise construction industries can take advantage of sensemetrics’ solutions for a variety of applications including building protection, for proactive monitoring of sensitive structural components; noise and vibration, for monitoring and distributing operational feedback to managers and crews while verifying compliance with noise and vibration ordinances; and infrastructure protection, to reduce the risk of damage and negative impacts on adjacent infrastructure through real-time condition monitoring.

Offering unmatched access to real-time information and analytics for continuous and complete monitoring of complex built environments, sensemetrics recently added these new features to its platform:

- Native iOS and Android mobile apps further optimize field activities, accelerate sensor network deployments, and increase visibility into system and asset performance, which is key to managing operational risk.
- A Revision Management System (RMS) supporting chronology of events over the lifespan of a sensor, along
with journaling and property management, unlocks seamless data normalization of calculated metrics. A critical feature of an IoT system-of-record, the RMS combines with sensemetrics’ event-driven compute architecture to unleash potential for machine learning and artificial intelligence not possible from simple sensor database or data exchange services.

- A remote sensing module with a dashboard display – powered by spatially dense datasets from ground and satellite-based systems – provides unparalleled tools for visualization and corroboration of metrics gathered from in-place sensors to accurately characterize asset performance.

A plug-and-play solution, the sensemetrics platform relies on the power of real-time sensor data, analytics and state-of-the-art visualization tools. It offers manufacturer-agnostic edge connectivity, a true cloud design, an event-driven and scalable microservices architecture, workflow enhancing apps, and an open API interface. Featuring end-to-end sensor integration and asset management, the solution simplifies the complexities traditionally associated with sensor automation and data management while also reducing costs and improving operational efficiency.

For more information, visit [https://sensemetrics.com/integrations-topcon](https://sensemetrics.com/integrations-topcon)

About sensemetrics
sensemetrics is a leading innovator in the Industrial Internet-of-Things (IIoT) market. The company offers the only market-proven cloud-based enterprise software platform that simplifies connectivity and standardizes industrial sensor data, enabling our partner network to more efficiently provide active risk management and safety solutions.

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