



## PRESS RELEASE

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## Nanotron and ClearBlade partner to deliver 360° Edge Analytics

- ▶ *Nanotron has deepened its partnership with Internet of Things (IoT) platform provider ClearBlade to jointly develop the new 360° Edge Analytics platform solution, converting real-time sensor and location data into valuable business insights*
- ▶ *360° Edge Analytics is built with open architecture to interpret any sensor's output and works with any location radio technology, based upon the industry-leading performance of ClearBlade's IoT Edge Computing platform – connecting anything edge to cloud*
- ▶ *Empowers end users across a range of industrial markets to securely configure unique events that are automatically recognized in real time. This combination lets customers focus on mapping their business processes onto the analytics platform and will accelerate time to market*

**Berlin, Germany / Austin, TX, February 19, 2019** – At the embedded world Exhibition in Nuremberg (Germany), [nanotron Technologies GmbH](#), a wholly owned subsidiary of Sensera Limited (ASX: SE1), and enterprise IoT platform provider [ClearBlade Inc](#) announce they are working together to deliver the new 360° Edge Analytics platform solution.



Expanding the two companies' [previously-announced](#) collaboration, 360° Edge Analytics is the starting point for a new range of configurable analytics tools for the Industrial IoT with all the required secure software infrastructure in place. By extracting and processing real-time data directly at the edge, actionable insights can be derived with the lowest possible latency.

The solution is built on nanotron's location-aware IoT sensors, which generate context information and location mapping. The company's Edge Anchors then forward 'what, where and when' information from these sensors to nanotron's configurable Analytics Engine. Edge Anchors have been proven in real-world and large industrial applications, with many thousands of them deployed and running 24/7 worldwide.

The open architecture for any sensor and any radio location technology currently supports Chirp radio location and communication for low cost and long range, and ultra-wide band UWB radio technology for very high precision down to 10cm. The system recognizes inputs from motion, temperature and gas detection sensors.

Nanotron delivers its Analytics Engine with a set of generic event types such as area and proximity events and provides end users with the flexibility to configure their own unique event definitions which are then automatically recognized and reported by the system.

ClearBlade's secure IoT Edge Platform provides the framework for building IoT solutions that make streaming data actionable by combining business rules and machine learning with powerful visualizations and integrations to existing business systems. Platform security includes encryption, authentication, and authorization of API access with tokens and certificates.

Since partnering in April 2018, nanotron and ClearBlade have identified the commercial value of developing a platform which facilitates configurable events that are automatically recognized in real-time data streams in a secure software environment. This combination empowers end users to focus on mapping their business processes onto the analytics platform.

This approach ensures quick time to market and creates the very insights that customers need to drive process optimization and increase performance while reducing cost. Nanotron and ClearBlade's 360° Edge Analytics platform represents a unique solution which helps customers to avoid the risks and costs inherent in building their own system from the ground up.

"360° Edge Analytics is the catalyst for digital transformation; converting sensor and location data into meaningful business insights right at the edge – what is happening, where and when," said Dr. Thomas Foerste, VP Marketing and Products at nanotron. "Combining our unique capabilities with ClearBlade's IoT Edge platform is yielding a product with flexibility and security. This lets nanotron's customers roll out their IoT projects quickly with ease and confidence."



"Nanotron's low-latency sensor and location data analytics provides the data that businesses need by executing analytics at the edge. As integral part of the product ClearBlade's IoT Edge Platform supports connectivity and provides the framework for true secure real-time performance," said Aaron Allsbrook, CTO at ClearBlade. "We look forward to working with nanotron and Sensera to deliver 360° Edge Analytics and help our customers to seamlessly roll out large projects in multiple locations worldwide."



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