

## PRESS RELEASE

### embedded location platform by nanotron

**Easy-to-use location-awareness improves safety and increases productivity.**

Berlin, February 25, 2016 – For the first time nanotron Technologies presents its overarching approach to location-awareness for industrial and consumer markets at Embedded World 2016. It relies on autonomous smart items with the framework to ultimately connecting them to business applications like enterprise resource management solutions or services for consumer use.

Nanotron's family of **swarm bee modules** serves as a comprehensive platform for autonomous smart items that combine sensors, wireless data communication and location-awareness. To simplify software development across technologies all modules share the common *swarm* API.

On the framework customers are able to choose: The **nanoLES location engine and server** product relies on location infrastructure to deliver the highest possible data throughput and the **swarm location service** product works without preinstalled location infrastructure for lowest possible system cost. Smart items based on *swarm* bee modules operate in both environments and transition seamlessly between them.

Application show-cases from Livestock Health, Mine Safety and Productivity, Transportation to Pet Safety provide business examples for location-awareness at work. Jens Albers, CEO of nanotron Technologies emphasizes: "At Embedded World 2016 we are show-casing 9 real-life examples from industrial and consumer markets. They demonstrate how location-awareness solutions deliver improved safety and increased productivity today. Investing in location-awareness delivers new functionality, business insight and a positive ROI in less than 18 months." Concepts of innovative solutions for Child Safety and Team Sports are examples of new emerging businesses utilizing location-awareness in day to day situations. Step by step location-awareness is going to become mission-critical for more and more industrial and consumer applications.

Nanotron Technologies continues to further simplify and cost-reduce location technology, thus keeping its market position as the number one provider of easy-to-use location-awareness.



Caption: Location-awareness @work: Livestock Health solution for 24/7 heat detection, rumination monitoring and productivity improvement.

### **About the *swarm* product family**

Nanotron's *swarm* product family consists of *swarm* bee modules and the *swarm* location service (SLS) software. *Swarm* bee modules are available with Chirp or UWB radio technology. Both versions are sharing the common *swarm* API. The *swarm* product family targets the growing market for autonomous smart items and cuts time to market for location-aware products by 12 months. Very precise low-cost location technology can now be used without the need for RF-design capabilities or expertise on low level device drivers. Developers focus on application design.

### **About nanotron Technologies**

Today, nanotron's *embedded location platform* delivers location-awareness for safety and productivity solutions across industrial and consumer markets. The platform consists of chips, modules and software that enable precise real-time positioning and concurrent wireless communication. The ubiquitous proliferation of interoperable location platforms is creating the location-aware Internet of Things. More information on [www.nanotron.com](http://www.nanotron.com). Follow nanotron Technologies on [LinkedIn](#).

### **Press Contact:**

Thomas Foerste  
T +49 30 399 954-0  
Email [t.foerste@nanotron.com](mailto:t.foerste@nanotron.com)