

**14 August 2019**  
**Australian Securities Exchange (ASX) Announcement**

## **Sensera partners with Meglab to improve mining productivity and safety**

### **Highlights:**

- **Meglab and Sensera subsidiary nanotron partner to provide location-awareness driven intelligence to mines throughout North America**
- **Nanotron's location-aware IoT technology has been integrated with Meglab's Imagine mine management system, with nanotron gaining incremental swarm bee module sales as a result**

Sensera Limited (ASX: SE1, "Sensera" or "the Company"), an Internet of Things (IoT) solution provider that delivers sensor-based products transforming real-time data into meaningful information, action and value, is pleased to announce that its wholly owned subsidiary nanotron Technologies GmbH has agreed to work with mining technology specialist Meglab to improve safety and productivity in mines. Meglab is incorporating nanotron's innovative location-awareness technology as a key component of its Imagine platform, an intelligent, modular mine management system.

Imagine is a web platform that provides real-time visibility of the underground mine environment. Nanotron's swarm bee modules are enhancing Imagine's functionality by enabling users to efficiently track the location and status of mining equipment and workers, as well as any dangerous proximity to other vehicles or machines.

By monitoring the location of workers, vehicles and machines in real time throughout the mine, Imagine facilitates smart ventilation automation, face reports, lamp assignment, mine evacuation support, call for assistance and collision awareness. The result is a safer, better manageable and more effective work environment.

Louis Valade, president of Meglab, said:

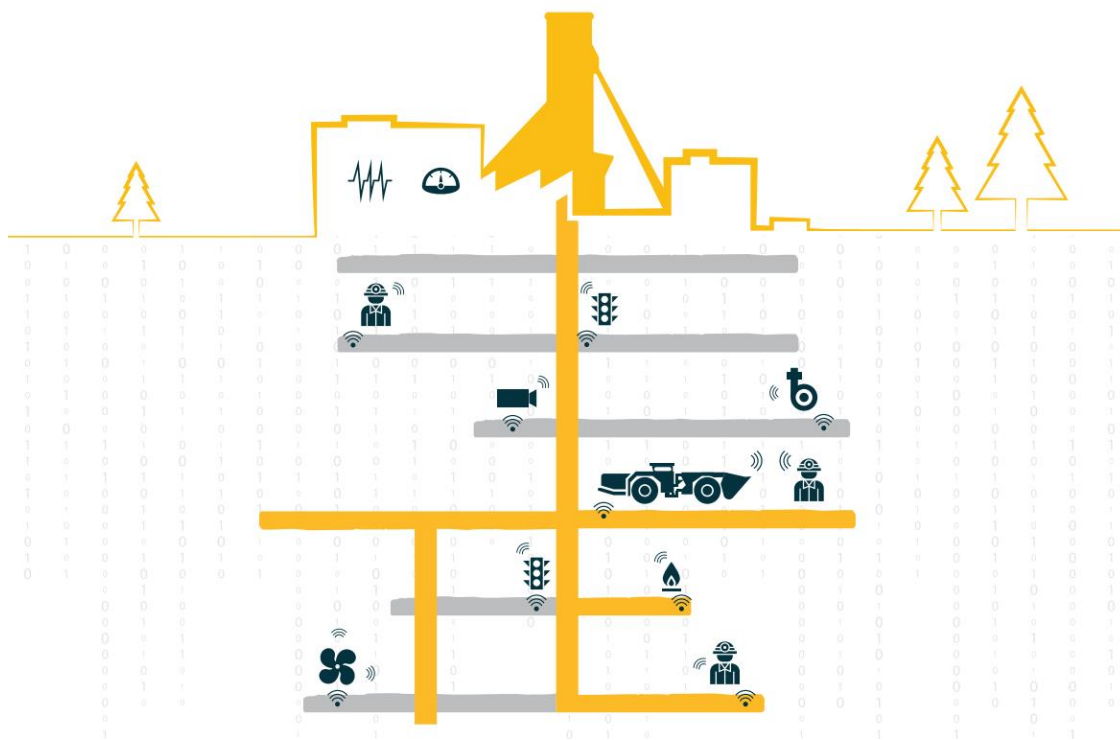
*"We chose nanotron's location-aware IoT technology because it is light-weight, yet powerful, long range and autonomous. It provides robust radio coverage in harsh mining environments. Nanotron's solutions have proven to be reliable and efficient and can smoothly scale to the needs of any mining application."*

Dr. Jens Albers, CEO of nanotron, said:

*"Meglab is an expert in mining solutions, and the fact they have chosen nanotron's technology for their*

*Imagine tracking platform is a valuable vote of confidence."*

Since introducing the Imagine platform in 2016, Meglab has continuously improved its functionality over successful deployments in mines across the USA, Mexico and Canada. Meglab's team is working on developing features to meet the changing needs of the industry, and mine operators are empowered to add new applications at any time.



Nanotron is gaining incremental swarm bee module sales as a result of the cooperation with Meglab.

Each miner and piece of equipment being tracked by the nanotron solution is fitted with a small tag, which emits a wireless chirp signal at pre-set intervals. These signals are detected by other tags, which then forward them using a mesh network. When the signals reach the system's central access points, the position of each tag is determined by measuring the Time of Flight (ToF), i.e. the distance that a signal has travelled is calculated from its travel time.

Nanotron's location-aware IoT sensors provide location, proximity and sensor information. Its swarm bee modules are available with either Chirp or UWB radio technology, with a common pin-out, making integration easier and quicker. The modules have a compact footprint, and only require an external antenna, battery and housing.

**For more information, please contact:**

**Ralph Schmitt**  
Chief Executive Officer  
+1 781 404 6500  
[info@sensera.com](mailto:info@sensera.com)

**Tim Dohrmann**  
Investor Relations  
+61 468 420 846  
[tim@nwrcommunications.com.au](mailto:tim@nwrcommunications.com.au)

### **About Sensera Limited (ASX: SE1):**

Sensera is an Internet of Things (IoT) solution provider that delivers sensor-based products transforming real-time data into meaningful information, action and value. The company designs and manufactures hardware and software across the vertical technology spectrum from unique structures as MicroElectroMechanical Systems (MEMS) and sensors, as well as wireless networked systems and software that when combined, drive an entire IoT platform solution.

Shares in Sensera Limited (ASX: SE1) are traded on the Australian Securities Exchange (ASX). For more information, please visit our website: [www.sensera.com](http://www.sensera.com).

Any forward-looking statements in this announcement are not guarantees of future performance and involve known and unknown risks, uncertainties, assumptions and other important factors, many of which are beyond the control of the Company, its directors and management.

### **About nanotron Technologies GmbH:**

Nanotron is a leading provider of electronic location awareness solutions. If knowing what, where and when is mission-critical to your business, rely on nanotron with Location Running. Nanotron's solutions deliver precise position data augmented by context information in real-time. Location Running means, reliably offering improved safety and increased productivity, 24 hours a day, 7 days per week: Location-Awareness for the Internet of Things (IoT). Nanotron Technologies GmbH is a wholly owned subsidiary of Sensera Limited.

### **About Meglab:**

Active in over 15 countries, Meglab delivers practical and cost-effective solutions to meet mining industry challenges. As a specialist in mining technologies, the company has developed trustworthy business relationships and become world known for its integrated solutions for Power Distribution, Instrumentation and Control, Telecommunication, Electronics and pragmatic Engineering solutions. For more information, see [www.meglab.ca](http://www.meglab.ca).