



HARTING's MICA® With WLAN And Mobile Communications

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HONG KONG , HONG KONG, CHINA , November 27, 2018 /EINPresswire.com/ -- HARTING Technology Group worked with partner companies PCO and nemetris on the CeMAT Logistics 4.0 hub on May 8, 2018, to demonstrate how to use the combined supply chain of edge computing and the latest RFID technology to collect and analyze operational, status and system data. The CeMAT Logistics Trade Show is part of the Hannover Messe, the world's leading industrial trade fair held in Hanover from April 23rd to 27th, 2018.

Logistics material handling systems benefit from new and innovative solutions from the integrated industry. HARTING's MICA® edge computing system is the perfect partner. Robust design, modular hardware kits and an open software architecture for the microcomputer impressed the judges of the 2016 Hermes AWARD, and MICA® received this award. Since then, HARTING has created a user organization in the form of MICA network, which currently consists of 27 companies in the areas of system integration, software and hardware development using MICA® to complete the Industry 4.0 solution. For example, two partner companies PCO and Nemetris use MICA® as their RFID reader with edge computing capabilities in their logistics solutions.

Container management and tool recognition supporting AutoID

The PCO demonstrates a practical production order process in which the PCO integration layer plays a key role in the integration and interaction of different systems. For example, container management (mobile handsets) and tool identification (fixed on the device) that support auto-ID can be displayed on the Internet and along with the machine, process, and production order data. Predictive maintenance can also be achieved by adding database-based process data storage.

Synchronous System (JIS) software for flexible and efficient production management

The sequencing system (JIS) solution provided by Nemetris is closely linked to production and maps the complete sequencing process, including long-term agreement purchase orders from electronic data interchange (EDI) through sequencing and just-in-time (JIT) production management, traceability to shipping and execution. The Nemetris solution is modular and seamlessly integrated into existing infrastructure. On the one hand, it ensures lean and smooth handling and enables the batch production of single-size products. On the other hand, all data is retained in one system for complete traceability.

These two applications have been on display at the Logistics 4.0 hub of Hall 24. HARTING also introduced the latest MICA® derivative models that integrate RFID with WLAN and mobile communications in one device. In addition, HARTING also held a specialist day on the theme of Logistics Industry 4.0 at CeMAT Speakers Corner and MICA.

As an authorized distributor for Harting, Heilind Asia provides Harting products and also value added services. Heilind Asia supports both original equipment and contract manufacturers in all market segments of the electronics industry, stocking products from the industry's leading

manufacturers in 25 component categories, with a particular focus on interconnect, electromechanical, fastener/hardware and sensor products.

About Heilind Electronics:

Founded in 1974, Heilind Electronics, Inc. (<http://www.heilind.com>) is one of the world's leading distributors of connectors, relays, switches, thermal management & circuit protection products, terminal blocks, wire & cable, wiring accessories, insulation & identification, fastener/hardware and sensor products. Heilind has over 40 facilities in the United States, Canada, Mexico, Brazil, Germany, Hong Kong, Singapore and China.

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About Harting:

The HARTING Technology Group is one of the world's leading providers of industrial connection technology for the three lifelines of Data, Signal and Power and has 13 production plants and branches in 44 countries. In addition, the company also produces retail checkout systems, electromagnetic actuators for automotive and industrial series use, charging technology and cabling for electric vehicles, as well as hardware and software for customers and applications in automation technology, robotics and transportation engineering. In the 2016/17 business year, some 4,600 employees generated sales of EUR 672 million.

HARTING first entered China market in 1988 and is the first global connector manufacturer in the Chinese market awarded the CCC (China Compulsory Certification). HARTING creates standards in the connector industry and provides connectivity and networks solutions to our esteemed customers according to their special requirements. The company focuses on factory automation, transportation, renewable energy, power transmission, machinery & robotics, LED markets etc. HARTING China operates in Hong Kong, Zhuhai, Shenzhen, Guangzhou, Xiamen, Changsha, Wuhan, Hangzhou, Shanghai, Suzhou, Nanjing, Chengdu, Xian, Zhengzhou, Qingdao, Tianjin, Beijing, Shenyang, Changchun, Taiyuan and Taipei. HARTING has manufacturing sites in Zhuhai and Beijing. For more information, please refer to the company website <http://www.harting.com.cn/>.

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