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SenGenuity Announces TempTrackr™ Wireless Temperature Measurement System Kit with Six Sensor Capability

New And Enhanced Evaluation Kit For Passive, Wireless Temperature Monitoring System Designed For Continuous Monitoring Of OEM and Industrial Process Control Applications

HUDSON, NH — November 16, 2009 — SenGenuity, the sensors division of Vectron International, today announced that its TempTrackr™ Wireless Temperature Measurement System Kit is now capable of reading six independent passive, wireless temperature sensors. Each sensor operates in a unique frequency band, which prevents cross-talk with other sensors and provides them unique identification within the system architecture.

Based on surface acoustic wave (SAW) technology, the sensors require no batteries or external power supply. They are powered by electromagnetic bursts generated by a wireless transceiver, which serves to power the sensors and listen to response signals generated by them. A change in the frequency of the response signal is indicative of a change in the temperature being measured.

The TempTrackr™ Wireless Temperature Measurement System is highly scalable and can accommodate up to 12 wireless temperature sensors with appropriate setup and configuration. The system provides a passive, wireless and electrically noninvasive temperature monitoring solution for switchgear, overhead transmission lines and other electrical transmission and distribution equipment used in smart grid applications, rotating equipment and wireless food probes. In contrast to traditional methods, such as infrared thermography, the TempTrackr™ System provides a highly cost effective continuous temperature monitoring capability that requires little to no long term maintenance. Further, by making use of passive sensors, the system also provides a logistical and environmental advantage over battery-

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powered sensors by doing away with the need for constant battery replacement. The TempTrackr™ Wireless Temperature Measurement System Kit is an ideal technology evaluation tool, which allows the user to get familiar with the TempTrackr™ System and its underlying SAW-based temperature sensing technology.

In addition to switchgear temperature monitoring, SAW based wireless temperature measurement technology can be applied to other applications including temperature measurement of rotating equipment and wireless food temperature probes.

“The passive, electrically non-invasive and wireless aspects of the TempTrackr™ Wireless Temperature Measurement System make it highly suitable for applications where access to sensors is restricted. Once installed, the system needs very little maintenance and provides near plug-and-play functionality,” said Shravan Jumani, Product Manager at SenGenuity. “The TempTrackr™ System Kit has been designed with the first time user in mind. At the end of the day, we want our customers to spend most of their time thinking about how the system can be adapted to meet their specific requirements and not get mired in system complexity.”

The kit includes six wireless temperature sensors (each capable of reading temperatures from -40°C to 220°C) a USB powered wireless transceiver, antennae, connectors and PC based application software. For more information on the TempTrackr™ Wireless Temperature Measurement System and Kit, call 1-888-328-7661 or visit www.sengenuity.com.

About SenGenuity, a division of Vectron International

SenGenuity, an operating division of Vectron International, is a leading provider of breakthrough sensor solutions for performance and reliability in critical data gathering applications. Coupling its state-of-the-art precision sensor solutions with Vectron’s surface and bulk acoustic wave (SAW and BAW) technology, SenGenuity delivers innovative solutions for measuring the condition of fluids in challenging, embedded environments, and is driving the development of breakthrough solutions for gas and physical sensing applications.

About Vectron International

Vectron International is a world leader in the design, manufacture and marketing of frequency control, sensor, and hybrid product solutions. Vectron solves complex timing, filtering and sensor challenges by

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delivering customized solutions that speed time to market and offer low total cost of ownership. Vectron uses the very latest techniques in both bulk acoustic wave (BAW) and surface acoustic wave (SAW) based designs from DC to microwave frequencies. Committed to the industry's highest quality service standard and complete satisfaction, Vectron International leverages its global footprint and 50 years of experience to help customers achieve competitive differentiation and improve their bottom line. Vectron International is headquartered in Hudson, NH and has operating facilities and sales offices in North America, Europe and Asia. For more information, please call 1-88-VECTRON-1 or visit www.vectron.com.

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