Dräger Infinity M300 Monitor Now Features FIPS Security

Wi-Fi Module Helps Maintain the Confidentiality and Integrity of Patient Data

TELFORD, Pa. – Dräger today announced that its breakthrough telemetry device now features a Federal Information Processing Standard (FIPS) validated Wi-Fi module for data encryption. The Infinity® M300 telemetry monitoring solution, equipped with the RS9113-N00-D0F Wi-Fi module from Redpine Signals, complies with the security standards of the U.S. and Canadian governments.

FIPS 140-2 is a security standard developed by the National Institute of Standards and Technology (NIST) for testing and validating the cryptographic capabilities of systems used with government networks. Compliance with FIPS demonstrates that the cryptographic module built into the system can help maintain the confidentiality and integrity of electronic data.

Infinity M300, which measures and transmits patient vital signs, is already deployed in federal healthcare facilities, including Brooke Army Medical Center and David Grant USAF Medical Center at Travis Air Force Base. The device’s use of non-proprietary 802.11 b/g wireless technologies allows for continuous patient monitoring wherever Wi-Fi coverage is present in a hospital. This enables patient monitoring in specialty areas where telemetry is not typically an option and helps to eliminate workflow bottlenecks within dedicated telemetry-equipped wards. Infinity M300 requires little bandwidth and its OneNet architecture eliminates network-traffic issues associated with telemetry by prioritizing life-critical information provided by point-of-care devices and ensuring Quality of Service (QoS).

Many Veterans Affairs Medical Centers (VAMCs) are extremely busy supporting a rapidly growing patient population. The telemetry-monitoring capability currently available at VAMCs is limited to only those areas that have proprietary antennae systems, greatly restricting the number of available, high-demand telemetry beds. Emergency Departments will often hold a patient...
Press release

No 14 / February 29, 2016

until a telemetry bed becomes available, resulting in a prolonged dwell time that far exceeds Veterans Health Administration (VHA) and The Joint Commission (TJC) standards. Intensive Care Units (ICUs) also sometimes delay transferring patients to departments where telemetry beds are not available, extending the length of stay in these high-volume, high-cost areas beyond VHA and TJC standards. By utilizing a hospital’s existing wireless infrastructure, the Infinity M300 allows for continuous telemetry monitoring throughout VAMCs, raising the levels of service and care while also containing costs.

“Adding the FIPS-validated Wi-Fi module to the Infinity M300 benefits both our government and private-sector customers in their efforts to protect patients and eliminate data vulnerabilities,” said Lothar Thielen, President & CEO North America, Dräger. “Data management, system networking and device interoperability are essential aspects of today’s healthcare environment, which is why Dräger continuously demonstrates an ongoing commitment to maintaining the highest standards of cybersecurity within its technologies.”

Dräger also recently received a Department of Defense Information Assurance Certification and Accreditation Process (DIACAP) Authority to Operate (ATO) issued by the Defense Health Agency (DHA) for its key patient monitoring and clinical IT networking products. The current ATO applies to U.S. Air Force facilities. DIACAP is the performance standard requirement for systems that integrate with U.S. Department of Defense (DoD) networks, to ensure secure operation and the protection of sensitive information. Dräger is the first company to achieve DIACAP certification of its critical-care patient monitoring system.

For more information on Infinity M300, contact WiFiTelemetry@draeger.com.

Dräger. Technology for Life®
Dräger is an international leader in the fields of medical and safety technology. Our products protect, support and save lives. Founded in 1889, Dräger generated revenues of around EUR 2.43 billion in 2014. The Dräger Group is currently present in more than 190 countries and has about 13,500 employees worldwide. Please visit www.draeger.com for more information.
Press release

Contact:
Marion Varec, public relations manager
Dräger
215-660-2186
www.draeger.com