

Xerafy, Motorola and OATSystems Exhibit Wireless Surgical Instrument Tracking System at HIMSS14

Mobile RFID solution to improve patient safety and produce inventory savings

HONG KONG, CHINA, February 18, 2014 /EINPresswire.com/ -- [Xerafy](#), a leading read-on-metal RFID tags provider for healthcare and extreme environments, today announced that it will be exhibiting at [HIMSS14](#) Annual Conference & Exhibition in Motorola Solutions' Booth #5545. Xerafy, [OATSystems](#), a division of Checkpoint Systems, and Motorola Solutions will collectively demonstrate their surgical supply management system on Motorola Solutions' handheld computers, showing how radio frequency identification (RFID) technology can improve surgical safety and surgical instrument inventory management. HIMSS14 will be held February 23-27, 2014 at the Orange County Convention Center in Orlando.

The system helps solve several safety and supply management problems for hospitals. The U.S. health care system discards more than \$200 million worth of medical equipment and supplies from operating rooms, according to the Robert Wood Johnson Foundation(1). In 2013, the Joint Commission issued a Sentinel Event Alert highlighting the patient safety risks associated with mismanaged surgical devices. Since 2007 there have been 770 reports of instruments being left inside U.S. hospital patients after surgery, according to the Joint Commission(2). These incidents are called unintended retention of foreign objects (URFO) and were responsible for 16 reported deaths. Approximately 95 percent of URFO incidents result in additional care and an extended hospital stay, and the average cost to resolve a URFO is \$166,000. Improperly sterilized surgical instruments also cause infections and other adverse events.

URFOs can be prevented through by getting accurate counts before and after surgery. Xerafy, OATSystems and Motorola have automated the process with a new solution for tracking instruments, trays and supplies through all usage and storage environments and will demonstrate it publicly for the first time at HIMSS. The system helps increase patient safety, optimize logistics and storage of surgical instruments within hospitals, optimize workflow at central sterile supply departments (CSSDs) and surgical theaters, prevent the loss of instruments, free up time for better treatment and improve service to patients.

KEY FACTS

- Using handheld computers, users can quickly locate specific surgical trays, kits and individual

instruments in the stock room or operating room, take inventory of all materials, ensure they are properly inspected and sterilized prior to use, and verify that all instruments are accounted for after a surgery.

- Xerafy's tiny read-on-metal RFID tags, including the new Roswell tag, are being attached to surgical instruments and trays. The tags are designed to comply with the most stringent U.S. FDA and biocompatibility requirements for medical devices. Xerafy believes they are the only EPC-standard RFID tags in the world today that can survive repeated (guaranteed 1,000) autoclave sterilization cycles.

- The Motorola Solutions MC3190 is a handheld computer that can read the RFID tags and runs the system software. See more information at <http://www.motorolasolutions.com/US-EN/Business+Product+and+Services/RFID/RFID+Readers/MC3190-Z+Handheld+RFID+Reader>.

- OAT's RFID software platform, the OAT Foundation Suite™ and RFID enabled use cases provide the flexibility to track a wide range of assets within a hospital facility, from capital equipment to medical consumables. By enhancing existing hospital processes and systems with real-time status and location of medical assets, OAT solutions improve quality, safety and operational efficiency while reducing excess inventory.

- For more information on the HIMSS14 Annual Conference & Exhibition, please visit: <http://www.himssconference.org/>

"This system will help improve outcomes, improve patient safety, improve inventory accuracy and reduce inventory expenses by automating processes and eliminating manual counts," said Dennis Khoo, Xerafy founder and CEO. "Working with Motorola and OATSystems brings together partners with extensive experience in automating healthcare environments, a strong understanding of what is needed, and technology that delivers. Together we will help hospitals use RFID to safeguard processes in high-stress, high-risk healthcare environments."

SUPPORTING RESOURCES

Website: Xerafy Healthcare: <http://www.xerafy.com/en/application/healthcare>

Website: Motorola Solutions Healthcare Solutions:

<http://www.motorolasolutions.com/healthcare>

Website: Motorola Solutions PartnerEmpower Program:

<http://www.motorolasolutions.com/partner>

(1) Robert Wood Johnson Foundation "Reducing Waste, Enhancing Health" July 3, 2013.

<http://www.rwjf.org/en/about-rwjf/newsroom/newsroom-content/2013/07/reducing-waste--enhancing-health.html>.

(2) Joint Commission Sentinel Event Alert, October 17, 2013:

[http://www.jointcommission.org/assets/1/6/SEA 51 URFOs 10 17 13 FINAL.pdf](http://www.jointcommission.org/assets/1/6/SEA_51_URFOs_10_17_13_FINAL.pdf).

About Xerafy

Xerafy's innovations have changed the price-performance ratio for RFID tags and made it possible for customers to track assets in a wide range of harsh environments. Xerafy provides read-on-metal tags that can be embedded directly into assets to meet a full range of needs for RFID asset tracking in the aerospace, industrial, data center, healthcare, energy and other industries. Xerafy is headquartered in Hong Kong and maintains U.S. sales and support offices in Dallas and Minneapolis, and additional offices in the U.K. and China.

Learn more about Xerafy by visiting <http://www.xerafy.com>.

About OATSystems (www.oatsystems.com)

A division of Checkpoint Systems, OATSystems, Inc. is the recognized radio-frequency identification (RFID) solution leader with software that empowers businesses to achieve competitive advantage and ROI from RFID enabled applications. OATSystems' world-class RFID software platform, the OAT Foundation Suite™, powers Checkpoint Systems' RFID deployments for retailers across the globe, as well as for leading industrial manufacturers, aerospace firms, and healthcare providers. As a pioneer in developing RFID technology, OATSystems is responsible for industry firsts that include the largest scale and largest scope of deployments, as well as the most innovative approaches to providing enterprise-wide RFID solutions.

Twitter: @oatsystems

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John Burnell

Xerafy

1 972.386.9655*9976

[email us here](#)

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