



*The Intelligent RFID Platform Company™*



## **INTELLEFLEX PARTNERS WITH LOCKHEED MARTIN TO DEVELOP A VERSATILE ADVANCED MONITORING SYSTEM (VAMS) FOR PERIMETER SECURITY**

Santa Clara, CA, August 16, 2010 – Intellex, the leader in Extended Capability RFID, has partnered with Lockheed Martin’s Advanced Technology Center (ATC) in developing a Versatile Advanced Monitoring System (VAMS) for Perimeter Security using Intellex’s newly released XC3 technology platform. Scientists and engineers at the Lockheed Martin Space Systems Company’s (LMSSC) Advanced Technology Center (ATC) recently successfully demonstrated the VAMS system which is designed for government and commercial applications. VAMS uses standard’s based commercial off-the-shelf hardware and software from Intellex with proprietary Lockheed Martin-developed elements that include modified firmware, modified interrogation protocols, new detection and tracking algorithms, and real-time operator response.

“We developed this system in response to needs articulated by the US Government,” said Dr. Vibeke Libby, principal scientist at the ATC and inventor of VAMS. “Our goal was to create a robust and versatile system that offers an affordable solution to new challenges for perimeter security. Our close partnership with Intellex is ideal. We have been able to combine our companies’ proprietary technologies resulting in an unprecedented range of new capabilities. For example, VAMS will detect stationary objects, single or multiple intruders, air-dropped items, left-behind items, and even intruders who vault perimeter fences or drop by parachute. As an intrusion is detected, a camera is automatically cued and pointed at the intrusion coordinates for operator alarm and verification.”

“The Advanced Technology Center at Lockheed Martin has developed a truly innovative security application that leverages the unique capabilities of Intellex’s new XC3 technology platform,” said Peter Mehring, president and CEO of Intellex. “It has been a pleasure to work with Dr. Libby and her team, as their development fully realized the potential of the XC3’s robust RF capabilities, which include 100-meter response range while adhering to the new ISO 18000-6 Class 3 Standard. It is exciting to see the broad range of applications of the XC3 technology – from traditional asset tracking and sensor based solutions, to new innovative security solutions. This underscores the versatility and value that are realized through the XC3 technology platform.”

The new Intellex XC3 technology platform provides standards based industry leading Battery Assisted Passive (BAP) Radio Frequency Identification (RFID) performance and capabilities that are normally associated with active RFID solutions, such as operating ranges up to 100 meters, 60 kbits of on-chip extended memory, security using multi-layer password protection and over-the-air data encryption. Intellex's new XC3 technology also enables sensor based solutions, opening new markets and applications previously not possible using higher cost active RFID technologies. The first XC3 sensor based product is a temperature sensor tag that improves cold chain visibility and management.

Intellex and Lockheed Martin will be co-exhibiting at the Space and Missile Defense (SMD) Conference in Huntsville, Alabama, August 16<sup>th</sup> – 19<sup>th</sup>, at Booth 6007.

### **About Intellex**

Intellex is the leader in Extended Capability RFID solutions, products, and technologies. Intellex's passive XC1 and battery assisted passive XC3 technologies enable solutions for asset tracking, cold chain management, vehicle/yard management, manufacturing WIP control, supply chain automation, parts maintenance, security and access control, and other applications. For more information, please visit [www.intellex.com](http://www.intellex.com).

### **About Lockheed Martin**

The ATC is the research and development organization of Lockheed Martin Space Systems Company (LMSSC). LMSSC, a major operating unit of Lockheed Martin Corporation, designs and develops, tests, manufactures and operates a full spectrum of advanced-technology systems for national security and military, civil government and commercial customers. Chief products include human space flight systems; a full range of remote sensing, navigation, meteorological and communications satellites and instruments; space observatories and interplanetary spacecraft; laser radar; ballistic missiles; missile defense systems; and nanotechnology research and development.

Headquartered in Bethesda, Md., Lockheed Martin is a global security company that employs about 136,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services. The Corporation's 2009 sales from continuing operations were \$44.5 billion.

### **Contact Information:**

Intellex Corporation  
Tom Reese  
Sr. Director, Business Development

Tel: 408-200-6523

Email: [treese@intelleflex.com](mailto:treese@intelleflex.com)

Lockheed Martin

Media Contact: Buddy Nelson

Tel: (510) 797-0349

Email: [buddynelson@mac.com](mailto:buddynelson@mac.com)

Business Contact: Dragos Maciuca

Tel: (650) 424-2492