

AUSTRALIA

The Australian Customs and Border Protection Service has purchased two CX-Pallet dual-view cargo inspection systems from L-3 Security & Detection Systems for its border entry points in Melbourne and Sydney. These ports are Australia's largest, processing more than 4,000,000 containers a year.

All of L-3's cargo platforms, including the CX-Pallet, are equipped with the ClearView image processing technology. ClearView automatically adjusts scanned images so cargo contents are more apparent to the human eye, regardless of their density. Dual-energy material discrimination technology helps customs personnel distinguish among different types of materials. ClearView is also flexible and configurable, offering a range of x-ray energy levels from 450kV up to 9 MeV and supporting additional sensors such as radiation detection and optical character recognition.

UNITED STATES CHINA

The Metropolitan Washington Airports Authority has awarded a contract to systems integrator **Adesta LLC** to install a complete intrusion detection system along the existing western perimeter of the Washington Dulles International Airport. Adesta has selected **Future Fibre Technologies** as its exclusive vendor partner for the installation. Future Fibre will provide its Secure Fence system which is designed to be virtually immune to nuisance alarms.

Raytheon BBN Technologies has been awarded a USD2.9 million contract by the Air Force Research Laboratory to develop new approaches to better protect Department of Defense service-oriented architectures (SOA) against malicious attacks.

SOAs help developers build new applications faster and at lower costs because they can incorporate previously developed software components but apply them in innovative ways.

Military information systems are increasingly based on SOAs and are called upon to support complex tasks and missions. The security features that Raytheon BBN Technologies

will develop under the Advanced Protected Services programme will enable future military service-oriented information systems to detect, protect and adapt to survive attacks from motivated, well-resourced and determined enemies.

Plextek's Blighter radar is being used to help detect and track illegal immigrants trying to enter the United States across the hills on the border with Mexico. A group of ranch owners have developed their own multi-sensor surveillance systems utilising the Blighter radar to protect their land and help local law enforcement organisations intercept and apprehend the immigrants. The radar's tall beam allows it to be sited on the hill tops, surveying the whole area. Both the hill crests as well as the valleys/canyons are simultaneously scanned while still being able to see objects as close as twenty metres away. Being remote from a mains power supply, it is totally reliant on solar power.

EADS Defence & Security and **iASPEC Software** have signed a contract to jointly provide a TETRA radio communication system for the Shenzhen Public Security Bureau. This TETRA network will be the largest digital trunked network for the police in China providing secure radio communications for more than 25,000 users in the city of Shenzhen. It will also offer secure communication services for the 26th World University Games scheduled for August 2011. The Shenzhen Public Security Bureau is the first system in China to be integrated with existing command centres. This solution will enable security forces to improve their emergency command and dispatching capabilities. For example, after receiving a call, the alarm-receiving and disposal system will first find the nearest available police officer via the automatic vehicle/personnel location system, and will then issue orders using geographic information systems (GIS) to direct the police officer to the accident site. In addition, alarm receiving and disposal systems keep track of all responding police officers.



Avon Protection's C50 full face mask

ITALY

Avon Protection has won a competitive tender worth over half a million Euros for its newest generation of full face mask, the C50. Acting as prime contractor, Aero Sekur will manage system integration for the masks, which will be supplied to the Italian Navy over the coming months. Italy will be the second NATO country to take this latest generation respirator, developed from the US M50 mask which is currently going into service

with all four US forces together with the US Coast Guard. The C50 is suitable for specialist law enforcement and counter terrorism operations. It can be integrated with hydration systems, voice projection communication systems and night vision systems. With the appropriate filter, the C50 protects against a range of CBRN threats including chemical warfare agents, toxic industrial chemicals and materials, biological and radiological hazard and riot control agents.

INTERNATIONAL

Rapiscan Systems has been awarded an approximate USD25 million contract from the US government for the purchase of multiple advanced security screening systems from the company's cargo and vehicle inspection product line. Under the terms of the agreement, the systems will be used for overseas security applications.

The company has also been awarded a USD5 million contract by NATO to provide an integrated security screening solution that

includes advanced vehicle, cargo baggage and personnel screening systems. Meanwhile, Rapiscan's French-based distributor **Hi-Tech Detection Systems**, has been selected by EDF Energy to secure the entrances of multiple EDF power plants using Rapiscan Systems' x-ray security screening equipment. The equipment will be used to inspect vehicles, cargo, personnel and baggage. Rapiscan Systems is also providing multiple screening systems to the 2010 Vancouver Winter Olympic Games.