Elbit Systems unveils a new handheld night observation system

Elbit Systems Ltd., Haifa, Israel, an international defense electronics company engaged in a wide range of defense-related programs throughout the world, has unveiled a new observation system called NOX.

The system is based on night vision technology, combining sensitive sensors, lasers, cameras and advanced image processing capabilities. Its gating technology and connectivity is designed to allow the system precise object identification even in total darkness and adverse weather conditions. The system is portable, handheld and lightweight and operates on commercial batteries, eliminating the need for fixed power source, thus enabling NOX to serve as a solution for law-enforcement, patrol and anti-terror missions. (*Source: Elbit Systems Ltd.*)

Southwest Synergistic introduces new triage solution

Southwest Synergistic Solutions, San Antonio, Texas, a provider of light-emitting diodes and lighting devices, has announced a new method and device for triaging patients during mass casualty and battlefield situations. The emergency and triage (E/T) lights were developed in conjunction with US Air Force Special Operations medics and have been used in an actual mass casualty situation, proving their usefulness in combat. They are currently used by a US Air Force Special Operations Squadron.

The E/T lights combine all the triage conditions into one device that lasts from three to eight days continually on and over 10 days when the blinking mode is selected. This improves the time it takes medics to mark a patient and improves response time by support personnel, especially during bad weather conditions and low light or no light situations. (*Source: Southwest Synergistic Solutions*)

Calytrix releases new communications simulation

Calytrix Technologies, Perth, Australia, has released a new version of its Comm Net Radio Simulator (CNR-Sim) for training of military, homeland security, first responder and other radio users. CNR-Sim is part of Calytrix's CNR family of simulation and training-related communication products.

Calytrix's CNR-Sim is software for either Windows or Linux that simulates a multichannel radio. Training with CNR-Sim provides PC users the communications functionality of a real radio. However, voice communications through the simulated radio are processed over a computer network and not broadcast over the air, thus limiting the radio traffic to the confines of the training environment.

Calytrix's CNR family of products also includes CNR-Log to record and play back simulated radio traffic and CNR-Touch for touchscreen control of multiple independent simulated radios.

CNR-Sim in Base and Pro versions support an unlimited number of simulated channels (frequencies), Voice Operated Keying capability, and user control of signal clarity and noise. In addition, Calytrix offers a free version of CNR-Sim that supports just two simulated radio channels. (*Source: Calytrix*)