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Selex ES exhibits battlefield communications solutions at ASDA, Split, 24-26 April

Selex ES, a Finmeccanica company, will be exhibiting advanced communications solutions at Adriatic Sea Defence & Aerospace, Split, Croatia, between 24 and 26 April 2013.

GUARDIAN incorporates techniques optimised from over 20 years' experience in designing electronic equipment to counter IEDs. It provides "electronic armour" to protect security forces against Radio Frequency initiated remotely controlled IED threats.

The Enhanced Personal Role Radio (EZPRR) significantly enhances combat effectiveness by providing all informed communications to front line soldiers. It uses advanced 2.4GHz spread spectrum technology innovatively packaged to meet the demanding needs of the soldier.

The FrontLine Soldier Radio (FSR) significantly enhances combat effectiveness of the front line soldier. It provides all-informed encrypted voice communications, together with the communications and computing backbone for Command & Control systems. It addresses Soldier Programmes across the world, and supplies efficient and effective communications at Platoon and Section level, giving the soldier enhanced capability.

CTX is an intelligent radio interface system which provides all the required communication interface capabilities. It is adaptable to environmental change through the use of different headsets; and detects the addition of new radios and intercoms via its automatic sensing software.

The Infantry Soldier Situational Awareness Tool consists of a data-enabled Personal Role Radio, a location device such as GPS and inertial navigation sensors, a status entry device, a display device and a command application to deliver Blue Force Tracking. Every radio supplies Situation Awareness functions for the commander or rifleman, and also provides a normal section or platoon voice net.

Sentinel Internet Protocol (IP) can be used to create a complete Wide Area System with as many Local Area Networks as needed to meet requirements for a tactical communications network. Sentinel products can also be deployed as an "add on" Local Area System to an existing military network as a low-cost enhancement.

Sentinel Mobile provides secure mobile broadband access to any user, operating anywhere in the world, regardless of terrestrial 3G coverage. Based on commercial off-the-shelf technologies, Sentinel Mobile provides intuitive, easy-to-use 3G communications that support secure voice, data and video streaming via terrestrial 3G networks or by Sentinel Mobile stand-alone networks.