

Basildon, December 12th 2013

## **Selex ES reveals CoDeSS Communications Denial Sub-System**

---

Selex ES, a Finmeccanica company, has launched the Communications Denial Sub-System (CoDeSS), which delivers a powerful and sophisticated jamming capability. Designed for stand-alone operation or integration into wider electronic warfare systems, CoDeSS is a state-of-the-art electronic attack (EA) system addressing targets of interest within the HF to UHF communication bands.

CoDeSS uses spot jamming, barrage jamming and sweep jamming together with other tactics tailored to threat types. This capability is achieved by use of advanced digital technologies supported by sophisticated software/firmware applications.

CoDeSS is highly controllable to ensure that friendly forces are not adversely affected. CoDeSS equipment can be installed into a standard vehicle shelter to form part of the overall electronic warfare capability.

The system comprises MF, HF, VHF and UHF receivers, waveform generators/exciters, power amplifiers, transmit/receive antennas and up to three operator workstations for overall control, management and monitoring.

Integrated into 19" equipment racks for fixed shelter or wheeled, shock-protected mobile applications, CoDeSS can simultaneously jam up to 32 conventional or frequency agile threats across the 20MHz to 3GHz bands. Each sub-band has its own power amplifier and receiver, ensuring that an individual module failure does not affect the ability to attack other frequency bands.

CoDeSS has a modular design, easing maintenance and facilitating future upgrades. Open architectures, commercial products and protocols are used where possible to assist any technology refresh.