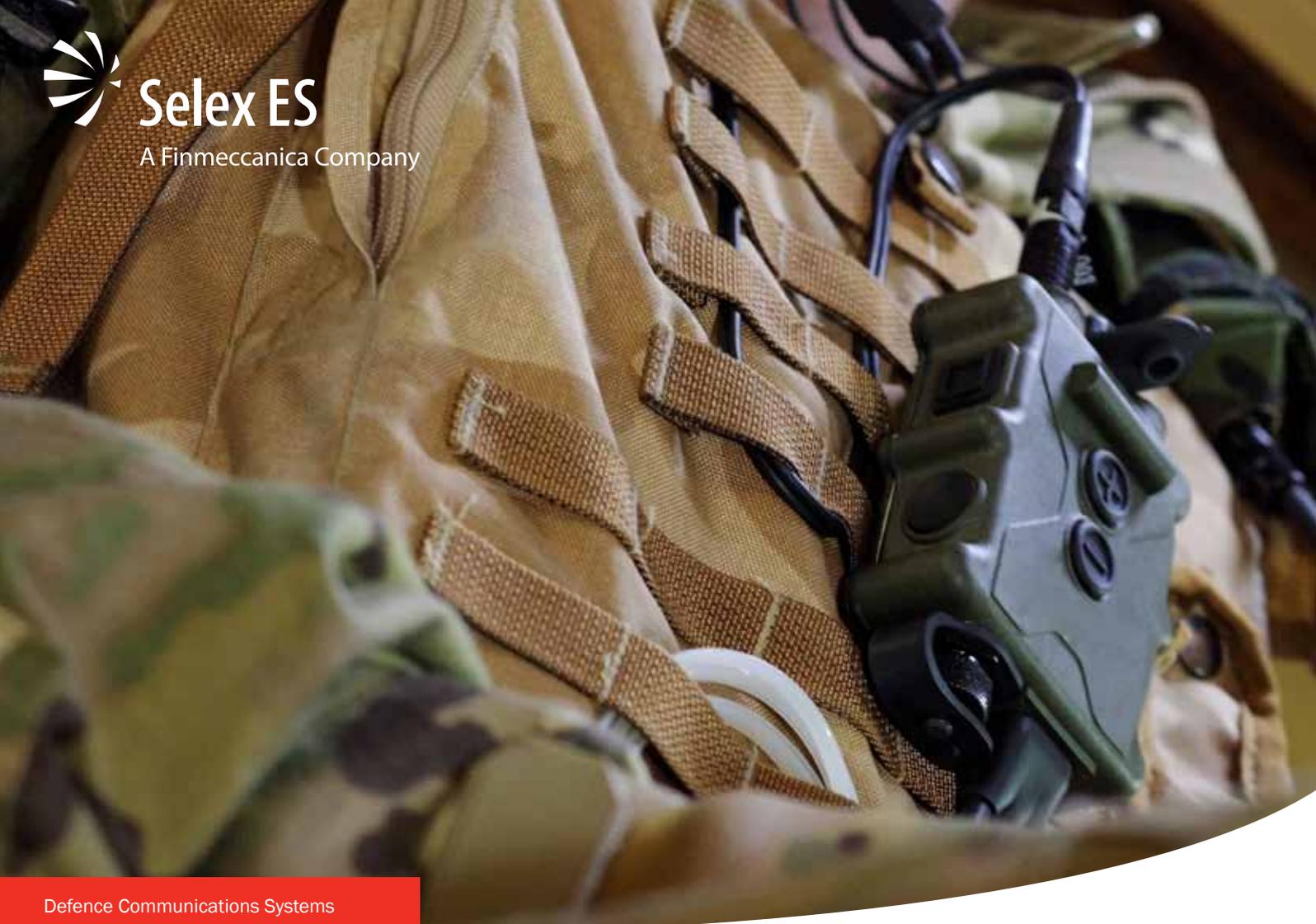




Selex ES

A Finmeccanica Company



Defence Communications Systems

CTX COMMUNICATIONS HUB

The CTX is an intelligent interface supporting coherent communications in land, sea and air environments.

As a world-leading supplier of communications interfaces, Selex ES recognizes the unique and challenging conditions in which the modern war fighter has to operate, and understands the need to provide a reliable and comprehensive communications capability.

Selex ES communication interfaces are built on an understanding of the user requirements, achieved through continuous interaction with our worldwide customer base, many of whom are using Selex ES systems in current operational requirements.

Situational Awareness (SA) is a key attribute of the CTX. It is achieved via a suite of communication headsets to cover the spectrum of operating environments, both low and high noise. For high noise environments, where hearing protection is required and SA essential, CTX can be operated with the Selex ES In-the-Ear (ITE) headset

The triple port communication hub can support up to two radios and an intercom system providing continuous communications as soldiers move between platform and land operations. CTX covers all operational communications requirements. Intelligent sensing software is embedded within CTX, which recognises the many different radios and intercoms that could be connected during an operation. This automatically optimises audio volume levels to ensure clear communications.



CTX MAIN FEATURES

- Monitor and transmit on two radios, intercom radios and intercom
- Press-to-Talk (PTT) and tones for primary and secondary radio nets
- Open Mic when connected to intercom systems
- Intuitive controls, easy to operate when wearing gloves
- Diveable to 20m with compatible headsets
- Dual wireless PTT for primary and secondary nets
- Internal back-up battery provides nine hours power, ensuring no CTX capabilities are lost when replacing the AAA battery
- AAA battery not required if any of the communications sources provide power
- Accepts a range of Selex ES and third party headsets
- Communications between multiple CTX hubs, even when operating in radio silence
- Options for remoting radio and volume controls to the CTX

CTX FEATURES WHEN OPERATED WITH ITE HEARING PROTECTION

- Adjustable situational awareness
- Passive hearing protection
- Situational awareness mode 'off' for passive hearing protection when exposed to continuous land, sea or air platform noise
- Impulse noise limiter to protect hearing against expected battlefield noise, including weapons and explosions and the unexpected acoustic shock of high audio volume radio communications
- Impulse noise limiter reduces loud noise to a safe level, whilst the soldier maintains full situational awareness

CTX ITE HEADSET

- 2 x dual microphone ports provide exceptional talk-through and situational awareness clarity
- Low-profile and flush-fitting earpieces based on commercial music headset designs to ensure ease of fitment and comfort

TYPICAL CTX COMPONENTS



Invisio (20m)



Tasc 1 (20m)



Ultralight (1M)



ITE (2m)



Peltor Comtac



Daylight (2m)