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SELEX Communications launches In-The-Ear hearing protection system

SELEX Communications, a Finmeccanica company, has launched its In-The-Ear (ITE) hearing protection system, representing the next generation of soldier hearing protection headsets, fully integrated with the proven, in-service Personal Role Radio (PRR and EZPRR variants), Bowman and Tactical Control Units. It is an ideal solution to the overriding requirement to prevent loss of hearing in front-line troops.

A range of modular products has been specifically designed to support the ITE hearing protection system. A modular approach provides dismounted and mounted soldiers with multiple radio and platform interface capabilities. Each product in the range uses the latest Digital Signal Processing (DSP) technology to ensure the highest quality audio and speech intelligibility when using the ITE system.

UK Senior Vice-President, Phil Robinson, says, "We have worked extensively with the user community to understand how to offer hearing protection without impairing operational efficiency. Our innovative ITE hearing protection system meets this need whilst allowing troops to fulfil their assigned missions effectively."

Elements of the system include:

- **ITE headset**
 - High level of passive hearing protection, impulse noise protection
 - 360-degree Situational Awareness
 - Customised or generic fit supported
 - Enhanced side protection to displace impact across a large area to prevent the earpiece being forced deep into the ear canal
- **PRR and EZPRR**
 - Encapsulates DSP within the PRR Switch pack
 - Powered from PRR batteries without affecting the 24-hour battery performance
 - Ensures user has full radio communications and hearing protection capabilities at all times, without the need for additional power
 - User operation remains common with in-service PRR and EZPRR
- **Tactical Control Unit and CTX**
 - A ruggedised Press-To-Talk and radio interface control unit are designed for use by both mounted and dismounted operational forces. Options include:
 - Multiple headset options, including SELEX Communications ITE and standard hearing protection, SELEX Communications Ultralight and standard lightweight headsets
 - PTT and tones capability
 - Simultaneous dual radio operation or can be used in a single radio scenario
 - Interface into platform mounted intercom systems
 - Volume control to adjust talk through

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