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SELEX Communications launches Sentinel Tactical Server

SELEX Communications, a Finmeccanica company, has launched the Sentinel Tactical Server to further extend its range of Internet Protocol (IP) based networked military communications system. The Sentinel Tactical Server is a ruggedised 1U, 19" rack-mounted server designed for mobile deployment. It can host the entire Sentinel Software suite to provide a highly capable Voice Over IP (VoIP) appliance.

It is based on high specification commercial components. These have been ruggedised using techniques designed to meet a wheeled vehicle environment, in accordance with DEF STAN 00-35, to provide a very cost-effective and lightweight processor platform.

The Sentinel Tactical Server can be adapted to meet a number of roles by integrating suitable COTS interface cards, such as:

- The Sentinel Soft Switch provides a tactical H.323 Gatekeeper supporting highly mobile subscribers and dynamic network configurations
- The Sentinel Tactical Soft Conference Bridge provides flexible audio mixing and distribution for a variety of multi-party calls. Conferences can be local or split across multiple bridges, thereby ensuring the most efficient use of bandwidth
- The Sentinel Voice Gateway provides ISDN E1 trunk interfaces enabling connection of fixed strategic PABX-based infrastructure or voice-only interfaces to other deployed systems. It provides multi-standard signalling, supporting both Euro ISDN and Q.Sig interfaces.

The Sentinel Tactical Server simplifies deployment of COTS products in the military environment. It operates without display and keyboard, and can be readily adapted to meet specific customer needs.