Mobile Voice and Video

Some examples of deployable Voice and Videoconference capabilities available from SST.

Instant Wireless LAN (WiFi) for voice and data

Self meshing secured 802.11 WLAN includes telephone handsets, easy to use wizard based PBX telephone function, copper and fibre backhaul or satellite terminal connectivity, multiple power sources (including internal military battery). Mesh range extension and customer-specific crypto integration options available.

Rapid Private Mobile Phone cell

Full GSM network deployment within minutes allows specific mobile phones access to Voice, SMS and optional DATA services, creates an ad-hoc private cell where normal service provider coverage signal strengths are poor or nonexistent with the ability to backhaul calls via satellite, removing the need to rely on fixed service providers.

Rugged case includes military batteries, transceiver, external antennas for increased coverage and Ethernet connectivity for fixed or satellite backhaul.

HUMINT communication systems

Complete secure communications system for 'contact continuity' enabling HUMINT contact management even from facilities where mobiles are excluded. Enterprise class call management and mobile phone gateway, removing the need to rely on localised mobile service providers. Can include secure remote management and crypto integration.

Mobile Voice and Video

Personal Rugged VTC terminals

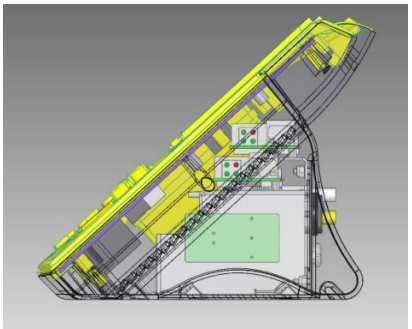
Military rugged personal videoconference terminals connect with fibre military networks or lightweight satellite terminals and extend video to the field.

Case-based VTC systems

Military qualified shock-mounted rack systems including codecs, multiple pullout screens, networking and routing capabilities, secure multi-level domain switching and source aggregation, heat and power management and even additional external screens or projectors for briefings.

TEMPEST all-in-one

22" widescreen VTC capable all-in-one computer, deploy your preferred VTC client software for dual-use (VTC terminal & PC). SDIP_27 Level A TEMPEST performance, fibre Ethernet, encrypted drives, delivered in an IP67 rugged transit case.

Custom development and crypto integration

SST has demonstrated expertise in voice and video system development and crypto integration using in-house 3D CAD modelling and rapid prototyping in a Government secure site with security cleared personnel and integral test facilities.