



WIRELESS INTERCOMMUNICATIONS

IWICS
ISWICS

WIRELESS



PLATFORMS: RQ-21 Blackjack | CH-53K King Stallion | Hunter Unmanned Aircraft System |

OBJECTIVE: CUTTING THE CORD

Market-leading wireless intercommunications for any platform

Reliable intercommunications capabilities are essential to the success of virtually any mission, whether the objective is on land, in the air, or at sea. Recognizing this fact, SCI™ Technology has developed comprehensive wireless intercommunications solutions for any platform or application.



IWICS product line



ISWICS product line



Wireless Transceivers (WTs)

Unsurpassed Freedom of Movement

SCI's wireless intercommunications solutions grant operators unsurpassed freedom of movement in and around the platform via our Wireless Base Station (WBS) and Wireless Transceiver (WT). The WBS connects through a variety of system interfaces (1394b, analog audio or Ethernet) to support quick and easy integration. The WT extends the warfighter's communications link up to 3,700 feet (1 km) from the platform.

Working together, the individual elements of our system provide superior audio quality for all radios and peer-to-peer intercommunications within the platform environment.

Solutions for Every Need

Every mission has its own unique set of requirements—which is why SCI has developed a full range of specialized solutions for every wireless intercommunications need. SCI's Integrated Secure Wireless Intercommunications System (ISWICS) is the only NSA-certified TOP SECRET full-duplex Type 1 wireless communications

solution on the market.

For applications that do not require secure capabilities, SCI offers the Integrated Wireless Intercommunications System (IWICS). Designed to operate flawlessly in the harshest environments, IWICS provides warfighters with the mobile autonomy they need to compete their air- or land-based missions. IWICS is fully compatible with SCI's FireComm® and TOCNET® product lines. Additionally, IWICS can integrate with any existing intercommunications system for maximum flexibility.

Features/Capabilities

- › The only NSA-Certified TOP SECRET Full-Duplex Type 1 secure wireless solution on the market (ISWICS only)
- › TEMPEST-certified (ISWICS only)
- › Adaptability to any platform ICS system
- › Multipath tolerance
- › Operation from -40° C to +55° C
- › Reliable wireless communication up to 3,700 feet (1 km) from base station
- › 10 million network codes
- › Linking for up to 12 WTs per base station

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