

# Secure Voice Commander's Conferencing



**End-to-end universal  
secure voice conferencing  
across radio and telephone  
networks to connect commanders  
and government officials  
with field personnel**

**TCC's interoperable DSP 9000 and HSE 6000 family of secure radio and telephone encryption solutions work with most radio makes and models, and all frequency bands, and support VoIP, digital and analog telephone networks. Enabled by X-NCrypt® Cross Network Cryptography, TCC secures voice point-to-point and multiparty conferencing across radio and telephone networks to connect commanders and government officials with the field.**

### Innovative Technology

X-NCrypt Cross Network Cryptography is the revolutionary evolution in the application of TCC's DSP 9000 military voice encryption technology. It enables secure telephone, secure radio, and secure radio-to-telephone conferencing.

### Interoperable Secure Radio and Telephone Family

X-NCrypt is employed in TCC's DSP 9000 military secure radio family and the HSE 6000 headset secure radio and telephone encryptor for public safety and special operations personnel. All products interoperate, providing secure voice communications among multiple parties simultaneously for fixed sites, ground troops, public safety personnel, private security, and government officials and commanders. Mobile phones will be supported in the future.

### Secure Cross-Network Conferencing



### Benefits

- Secures radio and telephone cross-network multiparty conferencing and point-to-point applications
- End-to-end secure, simultaneous, cross radio-band communications
- Supports VoIP, digital and analog telephone networks
- Supports HF, VHF, UHF radios, including P25 models and other LMR radios
- Cost-effective solution — no equipment changes and seamless network overlay
- Flexible to meet broad application requirements
- Automated keying architecture
- Easy to use, deploy, manage

***Secure voice commander's conferencing solution across radio and telephone networks — independent of most radio makes and models, all frequency bands, and VoIP, digital and analog telephone networks.***

# Secure Voice Commander's Conferencing

## DSP 9000 Military Secure Radio Family

DSP 9000 secure radio encryption is available in base station, manpack, radio-embedded, and handset configurations. It uses a Digital Signal Processor to ensure exceptional recovered voice quality and cryptographic security. It is also a universal secure radio encryption solution, operating with most radio makes and models, and seamlessly overlaying on existing voice networks for cost-effective end-to-end security. The DSP 9000 has many years of proven in-use performance around the world, and interoperates with the HSE 6000 radio headset and telephone encryptor.



DSP 9000 handset, base model and implant board



HSE 6000 squad radio headset encryption

## HSE 6000 Radio Headset and Telephone Encryption

The HSE 6000 radio headset encryptor is a small, lightweight solution designed for the Land Mobile Radio (LMR) applications of public safety, special forces, and aircrew when on the ground. It operates with any handheld or squad radio and any headset/handset and is compatible with the DSP 9000 military radio encryption family.

The HSE 6000 Telephone Interconnect Kit (HSE 6010) enables both secure radio to secure telephone communications, and secure telephone-to-telephone communications — point-to-point and conferencing. It supports VoIP, analog and digital telephone networks, and is ideal for connecting commanders and government officials to field personnel.



HSE 6000 with Telephone Interconnect Kit

## X-NCrypt®

Cross Network Cryptography

## Enabling Secure Voice Commander's Conferencing with TCC's DSP 9000/HSE 6000 Encryption Family



DSP 9000



DSP 9000 HS



HSE 6000



Airborne

Vehicle



Ground Troops



Public Safety, Private Security & Special Operations



Naval



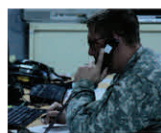
HSE 6010 Telephone Interconnect Kit

Future HSE 6020

X-NCrypt Cross Network Cryptography is the revolutionary evolution in the application of TCC's DSP 9000 military radio encryption technology, enabling secure voice communications across radio and telephone networks as well as commander's conferencing.



Commander/ Presidency



Travel



Mobile Phone Support



For more than 50 years, Technical Communications Corporation has specialized in superior-grade secure communications systems and customized solutions, supporting our CipherONE® best-in-class criteria, to protect highly sensitive voice, data and video transmitted over a wide range of networks. Government entities, military agencies and corporate enterprises in over 115 countries have selected TCC's proven security to protect their communications.



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