



## *Secure VTC Enhancement-KIV7*

### **P/N SVTC-BRI-T-WO7-0001 Secure Solution Set without KIV-7 Secure VTC Enhancement-KIV7**

SIGCOM Secure VTC Enhancement is a KIV-7 based solution for Tandberg CODEC based VTC Systems: Tandberg CODEC Models 6000, 2500, 800 or 880 v.35 are supported. The Enhancement is a turnkey KIV-7 based secure/non-secure solution for video-teleconferencing (VTC) facilities or systems built around Tandberg CODECs. The Enhancement package includes all necessary cables, connectors, and hardware including the Adtran ISU 512 Inverse Multiplexer, KIV-7 encryption device (Part Number SVTC-BRI-T-W7-0001 only) and ancillary rack mount chassis. The system is integrated into a stylist 19-inch equipment cabinet.

SIGCOM's secure/non-secure design utilizes either ADC Patch Modules or Black Box switches to reconfigure the VTC system for either secure or non-secure operation over the ISDN BRI (up to 4 BRI) network. The Enhancement Package incorporates an optical isolator on the dialing path between the CODEC and the communication equipment so that all dialing can be accomplished from the VTC system.

The equipment included in the Enhancement Package is capable of providing feedback to a control system (AMX or Crestron) for the operation of Secure/Non-secure Signage. Labor and materials associated with the integration of signage or incorporation into an AMX system is not included.

This solution is a standalone capability designed solely to provide secure/non-secure capability to a VTC facility or system built around a Tandberg CODEC. The design supports 2X and bonded call types in the non-secure configuration and bonded call types in the secure configuration. 512 Kbps is the maximum data rate supported (requires 4 ISDN BRI "U" interface lines).

The system price does not include on-site installation or associated travel and living expenses.

- a. Implementation of this enhancement requires the following actions by the Government:
- b. Review and obtain the necessary approvals (Communications Security [COMSEC] and security) for the system block diagram submitted by SIGCOM after contract award. The Government will provide this approval 30 days prior to the delivery of materials by SIGCOM.
- c. Provide totally operable ISDN BRI "U" interface line(s) in the proposed VTC room.
- d. Provide all keying material required for testing and operation of the KIV-7 encryption device.
- e. Provide a test call with the network provider and other VTC sites as required for acceptance testing. The Government's inability to coordinate this call will not be a basis for delaying acceptance of the system.
- f. Delivery Interval 90 days.

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