Case Study: Automotive Industry

Videoconference Encryption for an Automobile Manufacturing Corporation

Technical Services Reference

Abstract

This reference provides a project description for the installation of videoconferencing encryption at various facilities around the world.

The Customer

The customer is known around the world as a leading defense contractor. The customer relies on Navastream's conferencing security products to secure video, and voice communications among subsidiaries and with partners worldwide.

The Requirement

The customer approached Navastream representatives with a requirement for the encryption of ISDN videoconferencing to fulfill commercially sensitive security requirements. This requirement mandated secure communications protected with 128-bit DES3 among many of the customer's internal divisions, and with all participating members of the Collaboration Team. The Collaboration Team consisted of the manufacturer and its partners working on different design aspects of a proposed military project for the US Armed Forces. In all, there were nine total defense technology developers collaborating on the project that required secure videoconferencing capabilities.

The Solution

Over a period of two months, the customer and its strategic partners had roughly 70 ISDN videoconferencing (BRI and PRI) encryption systems installed by Navastream, the Integrator and various other integrators in 10 countries around the world. The encryption technology fulfilled the requirements, enabling all participating members in the project to convene securely from distant points around the world via encrypted videoconferencing.

To secure the endpoints consisted of three phases: network architecture diagramming, configuration and installation. Navastream professionals provided the Videoconference Manager at each location with a worksheet to help diagram the network at each endpoint. Navastream used this information to create a bulk configuration linking together every encryptor. Encryptors were shipped, and Navastream Install Engineers from local offices arrived to oversee the installations.

Continuing Business

Upon the heels of these successful security integrations, the customer issued a new and unrelated mandate corporate-wide that all videoconferencing systems utilize the Navastream encryption systems. Currently, Navastream, the customer and their Integrator are collaborating on the implementation of Navastream videoconferencing encryption services at all customer subsidiaries worldwide.

About Navastream:

Navastream is a provider of Managed Security Services (MSS) that develops, markets and supports a comprehensive family of telecommunications security solutions that protect and manage the access, privacy and integrity of information transmitted over local-area networks (LANs), wide-area networks (WANs) and public packet-switched networks such as the Internet.