REDCOM® Secure Voice Gateway

Type-1 NSA ACC-compliant gateway using the GD Sectéra® vIPer™ Secure Phone

In early 2019, the NSA released new Advanced Cryptographic Capabilities (ACC) requirements that effectively ends support for the General Dynamics Sectera® Wireline Terminal (SWT) and the REDCOM SWT-R board. This creates a challenge for agencies that require access to red/black networks using a Type 1 gateway device or a Type 1 conferencing solution.

Continuity of Secure Communications with the REDCOM Secure Voice Gateway

REDCOM has solved this problem by developing the new Secure Device Interface (SDI) circuit card for the REDCOM HDX. The SDI board enables the REDCOM HDX to interface with up to four standard production General Dynamics Sectéra® vIPer™ phones, which act as voice encryptors for TDM or SIP voice networks. The encryptors allow any HDX line, trunk, or conference port to conduct secure voice communications with any SCIP-capable device. The HDX supports up to 64 SDI ports per 5U modular switching unit (MSU). HDX MSUs may be stacked to allow for hundreds of SDI ports per system.

Existing REDCOM HDX customers with the REDCOM SWT-R board and GD SWT encryptors or customers with the REDCOM STE-R board and L-3 STE-R encryptors will be able to replace them with REDCOM's new SDI board and GD vIPer Secure Phones. This solution will enable agencies to maintain their REDCOM HDX as a Type 1 secure gateway or secure conferencing system with a minimal investment. The REDCOM SDI board will require an update to the software on the REDCOM HDX.

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