

Secure Voice and Data Solutions

interoperable network and personal communication devices

Overview

The General Dynamics family of Type 1 certified, interoperable secure voice and data encryption devices provide secure communications (Top Secret and below) from the network to the desktop to the individual. To ensure the protection of information in today's Global Information Grid, encryption devices are critical from high-bandwidth encryptors at the core of your network all the way to handheld devices at the tactical edge. General Dynamics provides a solution to satisfy

the requirements of tactical, strategic and personal communication devices, ensuring interoperability to stay connected anytime, anywhere.

Customer Support

You are never alone when you partner with General Dynamics to secure your critical information. With over 170,000 deployed NSA-certified voice and data encryptors worldwide, General Dynamics is committed to support our customers 24/7.



GENERAL DYNAMICS
C4 Systems

Network Encryption

Overview

The high-speed TACLANE™ IP and FASTLANE® ATM/SONET Encryptors are certified, proven and deployed worldwide to protect critical networks and information. These encryptors offer reliable, feature-rich, high-speed, mobile security solutions for your application, environment, network and size requirements.

The TACLANE Family of encryptors are:

- HAIPE® IS and Crypto Modernization compliant
- Field tamper recoverable and upgradeable
- IPv6 upgradeable
- Easy to use



Contains Cisco® 3200 Series Mobile Routers



TACLANE™-Router (KG-175R) - The first Type 1 INE with integrated routing technologies, the TACLANE-Router provides users with all the necessary security services in one easy-to-use device. TACLANE-Router is ideal for users with limited size and power requirements as it eliminates the need for multiple devices and reduces total cost of ownership.



TACLANE-Micro (KG-175D)* - TACLANE-Micro is a high-speed (200 Mb/s aggregate), compact and mobile network encryptor. Designed for tactical environments, the Micro can also be used on the desktop or rack mounted (3 across). At 4.25 lbs, the TACLANE-Micro is ideal for any environment. Available as a new unit, or as a trade-in for your TACLANE-Mini, TACLANE-Classic, TACLANE-E100 or Sectéra INE.



TACLANE-GigE (KG-175A) - TACLANE-GigE, the encryptor chosen as the GIG-BE security solution, provides secure communications at 2 Gb/s aggregate throughput, enabling high-bandwidth applications.



TACLANE-Mini (KG-175B) - The TACLANE-Mini is designed for environments where high-speed encryption (200 Mb/s aggregate) in a compact, low profile box is needed. The TACLANE-Mini may be traded in for a new TACLANE-Micro.



TACLANE-Classic and TACLANE-E100 (KG-175) - Protecting networks worldwide, the KG-175 meets several military specifications for tactical environments. TACLANE-Classic and E100 may be traded in for a new TACLANE-Micro to meet tactical needs.



(SONET capability planned availability 2007)

FASTLANE® ATM/SONET Encryptor (KG-75A) - The FASTLANE is the fastest NSA certified, Type 1 ATM network encryptor in the world. It provides high-speed, low latency security for multi-media applications. With throughput speeds up to 10 Gb/s (OC-192), FASTLANE can protect your classified data cost effectively over a public network. The addition of SONET encryption capability at OC-3, OC-12 and OC-48 is currently in development.



Encryptor Management - Optional remote management is available for users who prefer centralized management capability.

* TACLANE-Micro was submitted to NSA for certification 2Q 2007.

Secure Personal Communication Devices

Overview

Sectera® personal communication devices provide Type 1 high assurance end-to-end secure communication solutions for GSM, CDMA, ISDN, PSTN, VoIP and satellite networks. For users not requiring Type 1 security, TalkSECURE™ Wireless and Wireline products implement interoperable AES only. Over 60,000 devices are deployed worldwide.

The Sectera family of wireless and wireline devices are:

- SCIP compliant
- Software upgradeable
- Easy to use
- High speed, compact and portable



Sectera vPer™ Phone** - The vPer phone is the only phone designed to protect Top Secret communications for Voice over IP networks. The vPer Phone supports the latest VoIP technology, including POE (Power over Ethernet), SIP** (Session Initiation Protocol) and Cisco SCCP (Skinny Call Control Protocol) all from one easy-to-use desktop phone.



Sectera Edge™** - Currently in development for the National Security Agency's SME PED program, this easy-to-use device brings wireless phone, e-mail, SIPRNET and NIPRNET access, personal organizer, file viewing and web browsing into the palm of your hand. The Edge is the ONLY SME PED that can switch between integrated classified and unclassified PDA by pushing a single key.



Sectera GSM Phone - This wireless phone allows users on-the-move to make Type 1 or regular calls from the same device. Designed for commercial and private GSM networks, coverage is available worldwide.



Sectera Wireline Terminal (SWT) - The Sectera Wireline Terminal is a compact, lightweight device used to encrypt communications from a phone, fax or PC. The convenient size is ideal for users in the office or on-the-move. Bundled with the Sectera ISDN Adapter Kit, the SWT also provides secure communications for ISDN networks. The Wireline Terminal with Black Digital Interface (BDI) can be used to protect satellite communications.

** Sectera vPer was submitted to NSA for certification 2Q 2007.
SIP expected availability 3Q 2008.
Sectera Edge is expected to be submitted to NSA for certification Summer 2007.



We Bring You What's Next

GENERAL DYNAMICS
C4 Systems

INFOSEC 77 A Street, Needham, MA 02494-2806 USA
Phone: 781-455-2800 • Toll-free: 888-Type1-4-U (888-897-3148) • Fax: 781-455-5555
E-mail: infosec@gdc4s.com • Web site: www.gdc4s.com/secureproducts



© 2007 General Dynamics. All rights reserved. Sectera, TalkSECURE, viPer, Edge and TACLANE are trademarks of General Dynamics. HAIPE and FASTLANE are trademarks of the National Security Agency. Cisco, the Cisco logo, and Cisco Systems are trademarks or registered trademarks of Cisco Systems, Inc. and/or its affiliates in the United States and certain other countries. All other product and service names are the property of their respective owners. © Reg. U.S. Pat. & Tm. Off. General Dynamics reserves the right to make changes in its products and specifications at anytime and without notice.

GDC4SE 08/09/07