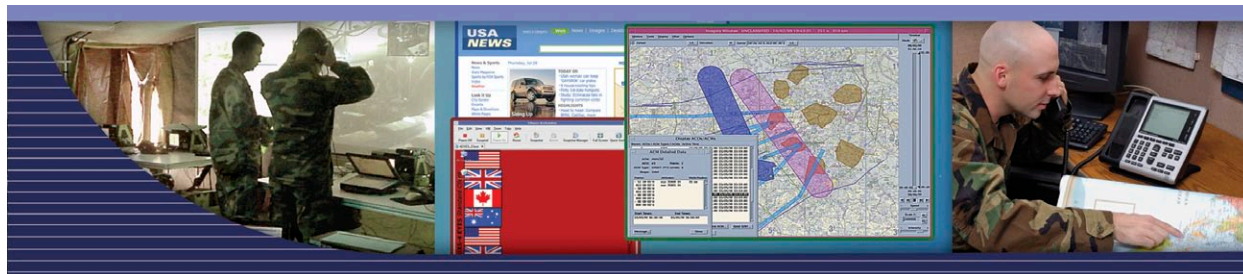


Securing the Desktop, Individual and Platform Devices

Protecting the Mission System's Most Exposed Computing Resources



There are large risks associated with the edge or end-user devices used by warfighters, first-responders, agents, and other users. These devices can be lost, get confiscated, be analyzed, and critical information can be extracted from them. General Dynamics C4 Systems ensures the security of edge devices including phones, desktop or mobile computers, platforms (vehicular systems and unmanned vehicles) and other military mission systems.

For the Desktop and Mobile User

Secure Communications and Networking: Sectéra wireless and wireline communication products provide secure voice and data communications over public networks. These products incorporate Secure Communication Interoperability Protocol (SCIP) signaling, providing interoperable secure communications certified to protect information classified Top Secret through Sensitive But Unclassified. The Sectéra® vIPer™ Universal Secure Phone provides the latest technology for both non-secure and secure, end-to-end Voice over IP and PSTN networks, eliminating the need for multiple desktop phones. The Sectéra Edge™ Smartphone (SME PED) converges secure wireless voice and data by combining the functionality of a wireless phone and PDA — all in one easy-to-use handheld device.

The TACLANE®-Micro HAIPE® IS-compliant in-line network encryptor provides Type 1 security for both strategic and tactical applications. The TACLANE-Micro is high-speed (200 Mb/s aggregate), compact (less than 5 lbs.), ruggedized and mobile.

While network encryptors secure data-in-transit, the requirements for protecting Data-at-Rest are becoming more prevalent. General Dynamics is developing the ProtecD@R™ family of encryptors to secure data-at-rest for both networked and direct-attached storage, including: the ProtecD@R Network (KG-202) Encryptor, providing security for networked data storage; the ProtecD@R Server Encryptor, the complete enterprise solution for DAR security; the ProtecD@R Embedded Encryptor ruggedized for tactical environments; and the ProtecD@R PC Encryptor that provides DAR security for both desktop and laptop computers.

Available Today

Expertise in:

- Embeddable Cryptographic Technologies
- MILS Technologies, Data-at-Rest Technologies
- Securing Communication Protocols
- Securing Handheld and Laptop Form Factors
- Vocoders

Products:

- General Dynamics High Assurance Open Scalable Technology Trusted Network Environment (G.H.O.S.T.^{™NE})
- Sectéra® Black Digital Interface (BDI)
- Sectéra Secure Wireline Terminal
- Sectéra Wireless GSM Phone
- Sectéra vIPer™ Universal Secure Phone
- Sectéra Edge™ Smartphone (SME PED)
- TalkSECURE™ Wireless
- TalkSECURE Wireline
- TalkSECURE Digital
- TalkSECURE vIPer
- TACLANE®-Micro (KG-175D) Network Encryptor
- TVE Desktop, incorporating High Assurance Platform (HAP) technology

Technologies:

- Advanced INFOSEC Machine (AIM)
- NexCore

What's Next

Products:

- Embeddable Modular Guard
- TACLANE-40G – High-speed Encryptor
- TACLANE-Multibook – Secure Laptop
- TACLANE-VITA – Encryption for Extreme Requirements
- ProtecD@R™ Family of DAR Encryptors



GENERAL DYNAMICS
C4 Systems



No matter where you are using these secure communication devices, you are never alone when you partner with General Dynamics to secure your critical information. With more than 230,000 deployed National Security Agency (NSA)-certified voice and data encryptors worldwide, General Dynamics is committed to support our customers worldwide and offers 24/7 Help Desk support.

General Dynamics High Assurance Open Scalable Technologies (G.H.O.S.T.):

General Dynamics High Assurance Open Scalable Technology (G.H.O.S.T.) is a suite of high-assurance, trusted, network-encryption technologies that deliver multi-domain and cross-domain solutions, policy-based management technology for managing the GIG enterprise, and comprehensive security architectures with integrated IA solutions for accreditation of high assurance systems.

General Dynamics offers numerous options for trusted computing on the client side. G.H.O.S.T offers Multi-Level Security (MLS) thick-client and thin-client workstation solutions based on our Trusted Network Environment (TNE) product line. We also offer MLS thin-client laptops via our Itronix® product line.

We are also developing Multiple Independent Levels of Security (MILS) HAIPE network interfaces to complement the TVE and TNE product lines.

For Mission Edge Platforms

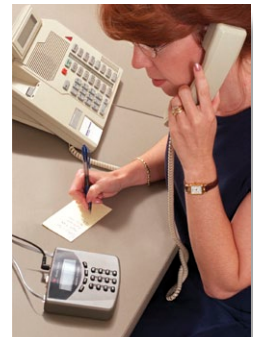
Family of Advanced Core Cryptographic Technologies (FAC2T):

General Dynamics' FAC²T is a broad offering of embedded cryptographic technologies that address a wide variety of product and program needs, including COTS-based solutions for low SWAP applications, MILS solutions for embedded security applications, and Customized solutions for high performance applications. The FAC²T products are currently embedded in high assurance military and government applications in air, sea, land and space platforms. Our Advanced INFOSEC Machine (AIM) chip is a member of our FAC²T and is the first NSA-certified, fully programmable, cryptographic processor that can execute multiple algorithms simultaneously. AIM is software programmable, can perform key management as well as traffic encryption, and can protect data at multiple security levels. It has set the standard for modern programmable cryptography since its certification in 1999. It's available as a chip or on a module, and can be customized to meet the needs of unmanned or manned mission platforms.

Cross-Domain Technologies: We are at the forefront in researching modular cross-domain controlled interfaces using our TVE foundation that can be applied with appropriate risk into mission systems at the tactical edge.



*Sectera® vPer™
Universal Secure Phone*



Sectera Wireline Terminal



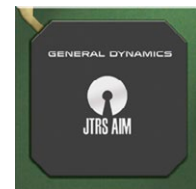
*Sectera Edge™
Smartphone
(SME PED)*



*TACLANE®-Micro
(KG-175D)*



TVE Desktop, integrating HAP technology



*JTRS Advanced
INFOSEC
Machine (AIM)*

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www.gdc4s.com/InformationAssurance

D-IA-DESKTOP-7-1109

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