

# Harris Secure Solutions

## SecNet 54<sup>®</sup> and SecNet 11<sup>®</sup> Plus

### Harris Delivers Best-In-Class Assured Communications™ Solutions

Harris is an international communications and information technology company serving government and commercial markets in more than 150 countries. Headquartered in Melbourne, Florida, the company has annual revenue of over \$4 billion and 16,000 employees — including nearly 7,000 engineers and scientists. Harris is dedicated to developing best-in-class assured communications™ products, systems, and services. Whether you need a secure wireless network for tactical field users or a large scale enterprise-wide network, Harris offers revolutionary Secure Wireless Local Area Network solutions.

**SecNet 54** is a highly portable, totally modular, standards-based Type-1 encryptor that provides the highest level of Data Protection for Mobile IP Communications. Weighing in at less than a pound, SecNet 54 provides up to and including Top Secret encryption based on HAIPE standards. The modular design allows SecNet 54 to change based on the needs of the mission. Use the 802.11a/b/g Radio Module (RMOD) to provide immediate wireless SIPR connectivity. For wired applications, simply attach the SecNet 54 Ethernet Module (EMOD) and it becomes a Portable In-line Network Encryptor (INE), capable of servicing a single user or a room full of wired SIPR clients. Whether you are securing a Local Area Network or providing Top Secret Communications through the Wide Area Network, SecNet 54 is your answer for secure, portable IP Networking.

**SecNet 11** was the first solution ever to be recommended for Wireless SIPR connectivity. Today, the SecNet family of products continue to stand alone as the only recommended solution for wireless transmission of Type-1 data. Certified up to and including Secret Data, SecNet 11 pioneered Secure Mobile Networking. Its PCMCIA form factor and low power requirements make it the ideal solution for highly mobile, secure applications. Whether you require an Ad-hoc Network, a Point-to-Point or Point-to-Multi-Point bridge, or a traditional Infrastructure Network, SecNet 11 provides Wireless Link Encryption at levels high enough to support Secret Data. On the Ethernet side of the network, SecNet 11 Access Points and Bridges are completely interoperable with other IP devices, including In-line Network Encryptors.

Providing **SIPR** used to be a costly exercise. Secure SIPR closets, expensive high-end In-line Network Encryptors, and Protected Distributed Systems (PDS) all led to huge, non-recoverable sunk costs with little economies of scale and zero end-user mobility. With SecNet 54, encryption is brought to the user's desktop. Lightweight and versatile, SecNet 54 encrypts classified client data and secures it for transmission over the COTS infrastructure. Whether the infrastructure is Ethernet, 802.11a/b/g, or a combination of the two, SecNet 54 provides the security, flexibility, and mobility you need without the expensive costs of traditional PDS implementations. And best of all, users can take SecNet 54 with them as they move between locations.

## Product Datasheet



### Benefits:

- **Mobile Networks** on the Quick Halt Securing Data Over IP
- **Securing** the Highly Mobile, Dismounted Soldier
- **High-Speed Security to the Desktop**; SIPR Connectivity Over The Existing Infrastructure
- **Securing the GIG**; High-Speed, Lightweight, Versatile and Adaptive

# Product Datasheet



## SecNet 54® Features

- Type-1 Security up to and including Top Secret/SCI
- IP Encryption (HAIPE)
- Type-1 Encryption Based on Sierra™ II
- Ethernet & IP Network Protocol Compatible
- Completely self-hosted design works with any Ethernet-based Platform and any Operating System (e.g. PCs, printers, cameras, etc.)
- Interoperable with Commercial Networks
- Power-Over-Ethernet (POE)
- External AC or DC Power Supplies
- Radio Module (RMOD)
  - IEEE 802.11a/b/g
  - 54 & 11 Mbps Data Rate
  - 2.4 & 5.0 GHz
  - Ad-hoc, AP, Client & Bridge Modes
  - WPA
- Ethernet Module (EMOD)
  - Portable Inline Network Encryptor
  - 802.3, 10/100
  - 100 Mbps connection rate
- WiMAX Module (WiMOD) Product Concept\*
  - 802.16-based protocol
  - Point-to-Point Secure Links
  - Type-1 Subscriber Station interoperable with COTS Infrastructure
- \*Future Product

## SecNet 11® Plus Features

- Secret Level Data (COMSEC)
- Wireless Link Encryption (NETSEC)
- IEEE 802.11b-based Protocol
  - 11 Mbps Data Rate
  - 2.4 GHz, ISM Band
  - Ad-hoc & Infrastructure
- Type-1 Encryption Based on Sierra™ I
- TCP/IP Network Protocol Compatible
- PCMCIA Interface
- OS Platform Support for Windows 2000 & XP, Pocket PC 2002 & 2003, and Linux Kernel 2.4
- PCMCIA Form Factor
- Simple Key Management
- NATO SECAN

### SecNet 11® Plus Products



Wireless Bridge/AP



PCMCIA Card

### SecNet 54® Products



Cryptographic Module(CMOD)



Radio Module(RMOD)

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