

# GEM™ One Encryptor Manager

*The Window to Enterprise Device Management*



Remote encryptor configuration,  
monitoring and management

Supports TACLANE® Encryptors and Sectera®  
vPer™ Phone products

Visualization of critical device and network status

Improved situational awareness and operator  
efficiency

Intuitive, easy to use

Standards-based

## Overview

GEM One is a robust, easy to use enterprise-level remote encryptor management solution. GEM One enables administrators to visualize and manage a network of dispersed devices - including their health, status and connectivity – from anywhere in the network. This provides enterprise-level situational awareness and enhanced management of the ecosystem and all its moving parts. GEM One is agentless and features a human centered design web-based interface.

## Situational Awareness through Visualization

The topology view provided by GEM One enables administrators to quickly and easily see the devices on their network, as well as status, health and connectivity all on one screen, significantly reducing the need to navigate through multiple pages. By simply hovering over the device or the link between devices, users can instantly see critical device information including health indicators, network addresses and associations. The topology view can also be shown in Layer 3 mode to show routing information or Layer 2 mode to show configured VLANs. Clicking on the device or link brings up a preview panel status bar with additional, detailed information. This visualization significantly increases efficiency when configuring connections and helps operators detect and respond to issues immediately.

# GEM One Encryptor Manager

## Key Features

- Remote management and real-time status of up to 1000 encryption devices
- Enterprise-level management streamlines workflow
- Plug-in architecture optimizes performance and enables timely management of new product releases
- Visual representation of critical device and connections improves device and network situational awareness
- Progressive display and page design improves operator efficiency, aids in troubleshooting
- Supports up to 50 concurrent, remote users
- Customizable dashboard and widgets contain summary information for quick reference
- Export capability for user-customized reports (.csv)
- Remote audit log collection and archive for operations management
- Enterprise device license management
- TACLANE Trusted Sensor (TTS) Software Manager simplifies rule compilation, management and deployment
- Automatic device discovery
- Integrates into existing enterprise infrastructures
- Battery and key expiration health

## New Sectera vPer Phone Management

GEM One R1.1 now supports the Sectera vPer Phone (R5.2+) allowing users to see and manage both TACLANE and vPer devices from one location. This capability eases the deployment and management of a dispersed network of vPer phones. From a central location, Network Administrators can now:

- View multiple devices and status in one display
- Manage device network parameters
- Perform simple software upgrades
- See on/off hook phone status

## Automatic Device Discovery Capability

The Generic Discovery Server (GDS) is a software application that allows a High Assurance Internet Protocol Encryptor (HAIPE®) device to be automatically discovered on the network. GDS, in combination with GEM One, provides a complete management solution – both device discovery and device management. The GDS software product comes bundled with GEM One Standard and is available separately for GEM One Basic users.

## Availability

GEM One Basic is a free version of GEM One that is designed to accommodate users with smaller networks. More information is available on our website.

## Easy Upgrade for GEM X Users

GEM One R1.1 offers the GEM X Porter feature which simplifies the upgrade to GEM One. The wizard like tool extracts GEM X data, stores, then ports the data to the new GEM One installation making the upgrade quick, easy and efficient.

## Technical Specifications

### PC/WINDOWS CONFIGURATION

- For smaller networks: Intel® I5-Class PC; 4GB RAM
- For larger networks: Intel I7-Class PC; 4-8GB RAM
- Windows® 7 x 64, Windows 10 x64, Windows Server 2012
- CD/USB drive to install GEM One Software
- Java 8 Installed
- Monitor with minimum 1024x768 resolution

### COTS SOFTWARE INSTALLED BY GEM ONE

- PostgreSQL 9.6
- TomEE 1.7.2

### MANAGEMENT PROTOCOL

- SNMPv3

### INTEROPERABILITY WITH ENCRYPTION DEVICES

- Please see our website for information on supported encryption devices and release information for the TACLANE family of encryptors and the Sectera vPer Phone.

### CLASSIFICATION LEVEL

- Software and documentation are unclassified
- Manage encryptors at all levels up through TS/SCI
- Network workstations are classified at the same level as the network

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