GEM® One Encryptor Manager

Release 1.5 Features

GEM® One Encryptor Manager software is a robust, easy to use enterprise level device management solution that allows users to centrally discover, configure and manage a network of remote encryption products from a single location. This capability provides an accurate enterprise-level view of the network, improving situational awareness, decision cycles, efficiency and cost savings. GEM One’s Intuitive Graphical User Interface (GUI) provides visual display of Network Topology, a Device List showing health and connectivity status, a “Stop Light” display of critical status and a Customizable Dashboard.

The new features provided by Release 1.5 increase device management through enhanced administrative capabilities and added usability. This release saves users time and simultaneously gives them more device control and situational awareness. The GEM One Encryptor Manager continues to improve its capabilities in order to secure the expanding network ecosystem.

NEW Features

EXPANDED DEVICE SUPPORT

GEM One support is synchronized with the latest encryptor product releases allowing users to take advantage of and manage the latest devices and software enhancements immediately. GEM One R1.5 introduces support for the Sectéra viPer™ Universal Secure Phone (6.1.1 and 6.1.1.1 and 6.1.2), for the ProtecD@R® Multi-Platform Encryptor (KG-204) and for the latest TACLANE®-FLEX enhancement (4.3v2).

ENHANCED ADMINISTRATIVE CAPABILITIES

Enhanced administrative capabilities allows users to fine tune device health parameters, providing more detailed network situational awareness, which allows administrators to quickly point to trouble devices and resolve issues, such as key expiration or downed links. With more granular control, administrators can prioritize issues and be remotely notified when critical issues occur.

Alert & Action System – Users can now configure GEM One to send an alert (email message or Syslog notification) or perform an action (Audit Log retrieval) when a specified health rule reaches the user-specified threshold in one of four categories: Audit Log Health, Device Health, Key Health or Link Health. Alerts and actions are configurable on a per device basis.

Configurable Device Health – Customization of the parameters and display settings for all time-based, entry-based and binary state Device Health Rules. The Customized Device Health Rules apply to all managed devices.

Device Health and Link Health Polling Sliders – Users can now adjust how frequently GEM One polls devices for Device Health and Link Health updates.
INCREASED USABILITY

Increased usability enhances user experience, reducing the time to perform complicated tasks by using wizards and shortcuts and by automating ongoing repetitive tasks so users can focus on more essential duties.

Automatically Recurring Tasks – This release now supports recurrence in Retrieving Audit Logs, Generating Reports, Generating Backups, Capturing Cutsheets, Applying Cutsheets and applying Static Route Lists. Users can now schedule these tasks to recur automatically up to 512 times with a frequency of every hour, day, week, month or year.

HTTP Support – The following Enterprise Features have been updated to support HTTP transfers when transferring files to or from HTTP capable devices: Audit Log Manager, License Manager and Software Manager.

Open Device Right-Click Menu Option – Users can now open devices more quickly in new browser tabs with the new right-click menu option. This option is available on the Device List and Topology.

Unified Display of Serial Number – This release has unified the display of device serial numbers across GEM One in the same format as the serial number on the front-panel. Serial Numbers are displayed in GEM One in the Device List, Topology, Log Manager, Static Route Manager, Network Managers, Key Manager, Software Manager, Alert and Action System, and Device Page Headers.

In-Band Key Transfer (IBKT) Integration in Key Manager – IBKT’s are now supported via the Key Manager for both Unicast and Multicast Addresses. The IBKT modal allows the user to input destination CT IP address(es) into GEM One, which then handles all the IBKT configuration on the source device in the background, simplifying the IBKT process.

Configurable Audit Log Delete Option – Users can now specify whether to delete the Audit Log from the device after retrieval via the Log Manager or not.

Manual SA Manager – Manual SA Manager allows users to manage Manual SAs on INEs across their network by creating and distributing Manual SA Lists to managed INEs. Users are able to create lists of Manual SAs either by downloading the configuration from a device or by importing a list into GEM One.