

GEM[®] One Encryptor Manager

Release 2.0 Features



Overview

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 from the 2.0 Release provide customers with a positive customer experience allowing for a simple set up and an inclusive device management system. It grants data syncing abilities to make customer set-up and overall experience simple. The update allows users to manage select non-General Dynamic Mission System encryptors with General Dynamics Mission Systems encryptors all under one management system.

NEW Features

Server Sync Capability

GEM One Release 2.0 provides the capability to synchronize data from one GEM One server to one or multiple client instances. The user is able to select the data to be synchronized including device lists, device groups, LDAP/AD configuration, network managers, static route lists, and users accounts. This feature enables efficient configuration and maintenance of GEM One instances in remote locations. The feature may also be used to provide a hot stand-by capability or to distribute responsibilities and tasks among multiple GEM One instances.

RESTCONF API

GEM One Release 2.0 introduces a RESTCONF Application Program Interface (API) that will accept requests from external users or systems to manage and view status of devices managed by GEM One. GEM One processes the incoming requests and generates Simple Network Management Protocol (SNMP) requests to manage the end device. This feature allows easy integration with commercial network management and automation tools reducing manpower required to manage a complex network of devices.

Management of KG-250X and KG-250XS

GEM One Release 2.0 provides the ability to manage both General Dynamics Mission Systems devices and the KG-250X and KG-250XS devices from a single GEM One instance. GEM One will discover software versions of the KG-250X and KG-250XS that support the HAIPE[®] MIB version 4.2.5. GEM One features supported for the KG-250X and KG-250XS include: device discovery, device health, device groups, security association (SA) and peer static routes, out-of-band key transfer, and SNMP management via HAIPE MIB v4 2.5 of up to 1,200 devices.