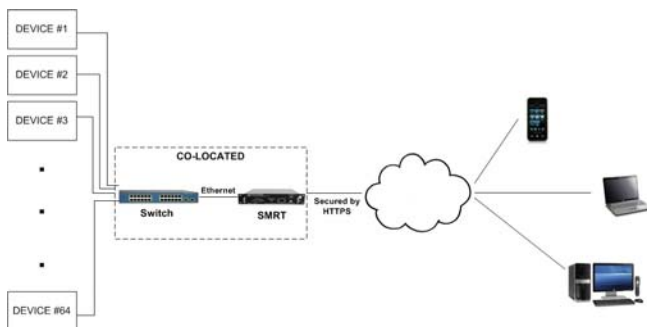# MANAGE ALL YOUR ENCRYPTORS FROM A SINGLE SCREEN

SMRT Management Screen

SMRT Unit Occupies 1/3 of 1U Rack-Mount Space

SMRT Concept of Operations

Overview

The Secure Multi-web Remoting Tool (SMRT) automatically monitors the web-based configuration tools of a large number of KIV-7M, KG-250, and KG-175D network encryptors and displays status changes and alarms on a single screen. The SMRT display provides at-a-glance status indication of each individual device and allows operators to "drill down" to the web configuration screen of each individual device. Among the many benefits of the SMRT is its simplicity and ability to reduce the man-power needed to manage a large number of encryption devices thus providing a highly reliable network at significantly lower operating costs.

Features

- Automatically monitors any mix of KIV-7M, KG-250, and KG-175D encryptors for status changes and alarms

- One SMRT unit can monitor up to 64 encryption devices. Several SMRT units can be linked for a larger network

- SMRT manager can be viewed with any web browser (e.g., Internet Explorer, Firefox, Chrome)

- SNMPv3 traps of status changes and alarms sent to an overall Network Management System (NMS)

- Hardware-based design simplifies installation and protects SMRT processing

- Embedded firewall with multi-level user access and SSL certification

- Command Enable switch provides physical prevention of remote access to SMRT

- Flexible SMRT design allows incorporation of any device with a web configuration screen

Operational/ Technical Specifications

Display of Monitored Devices

Screen displays up to 64 icons of monitored devices, i.e., KIV-7M, KG-250, and KG-175D

Icons are color coded to show device status. i.e., OK, Status Changed, Alarm, No Connection

Click on any icon to open web configuration tool of monitored device

Web interface can be viewed with any web browser (e.g., Internet Explorer, Firefox, Chrome)

Summary display shows total number of devices in each status category

Status changes or alarms trigger an SNMPv3 trap to be sent to a designated NMS

Several SMRT units can be linked to accommodate larger networks

Hardware-based Design

Only one external IP address required to host up to 64 local devices

Hardware-based design isolates SMRT processing from other site functions

Includes an Ethernet 10/100 Base-T port for Telnet sessions

Includes a Console Port (DB-9) for Hyper Terminal access

SMRT web-based configuration tool for local management

Sized at 1/3 of 1U rackmount space with optional single or triple unit 19 inch tray

Powered by 85-264, 50-60Hz VAC

Power fail safe to warn administrator of site power failure

Security

Automatic login of monitored devices with access to RADIUS authentication

User authentication with lockout after user-defined number of failed attempts

Multi-level user access, i.e., Administrator, Maintenance, Monitor

Embedded Firewall

SSL encryption for data transfer

Allows upload of SSL certificates

SMRT unit includes Command Enable switch to disable remote access to SMRT

SNMPv3 Conversion

SMRT converts devices' status changes and alarm conditions on the web-based configuration tools to SNMPv3 traps to be sent to higher level Network Management Systems. This allows devices without SNMP engines to be incorporated into an NMS. As an added feature, SMRT can notify administrators via email whenever status changes and alarm conditions occur.

Additional Devices

SMRT's flexibility allows the inclusion of any device with a web configuration tool. Contact sales@telegrid.com to inquire about additional devices.