

CyphreLink

Protection for data in-transit



a RigNet company

CyphreLink

SECURED ENTERPRISE COMMUNICATIONS

CyphreLink is a fully-managed service that provides security protection for sensitive and proprietary information transiting any network.

CyphreLink is a powerful solution that operates over-the-top layer and provides encryption for data in-transit, network certificates, and encryption keys by establishing a highly-secure connection between trusted end points. CyphreLink interoperates with the RigNet global MPLS backbone to strengthen the movement of data across cost-advantaged open networks. The secured connections across satellite, fixed, or wireless networks are executed with greater flexibility and agility than traditional connections.

CyphreLink easily incorporates into existing data protection technologies. By serving as a unifying management solution, CyphreLink offers hardened security that reduces man-in-the-middle (MITM) attacks and unauthorized eavesdropping.

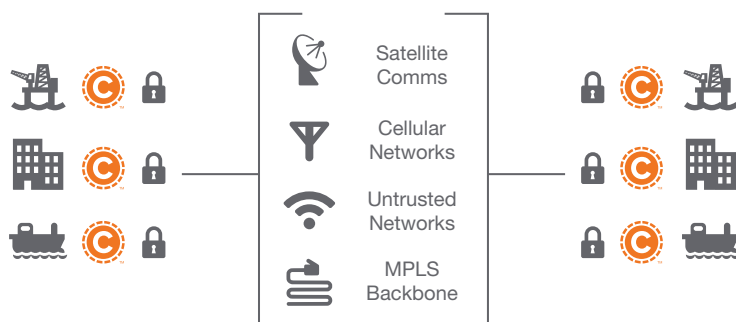
Features

- Hardware-based encryption not vulnerable to hacks that impact traditional security, software-based technologies, and consumer devices

- Always-on protection does not require a threat to be detected in order to protect data
- No user action required ensures protection can't be turned off or disabled by employees and contractors.
- Zero overhead, zero latency improves speed and security, while reducing cost.
- Full compliance with business security, industry standards, and government regulations
- Future-proof solution not impacted by old software, patches, and other security gaps

Deployment Flexibility

CyphreLink extends protection for data, keys, and certificates from any end-point and across any access network. Hardware-based encryption technology leverages a specialized chipset with a dedicated security engine to offload cryptographic operations outside of host CPU and system memory. Key management controls offer total and exclusive control of the generation, exchange, storage, use, destruction, and replacement of encryption keys.



Security Appliance Hardware Specifications

Processor

Processor Type	NXP QorIQ P4080 8 PowerPC core 1.5 GHz
----------------	--

Memory

Architecture	PC-1333 ECCDDR3 with Parity
Configured RAM	32 GB

Network

Networking	Freescale DPAA
Ethernet Ports	2 x 10 G Base-T and 2 x 1 G Base-T

Internal Storage

Hard Drive	Avago LSI MegaRAID 6GiB SATA/SAS RAID4x 2.5inch HDD or SSD
USB Flash Drive	Up to 3 USB 2.0 connections

Panel Connectors

Network adapter 1 GB	2 RJ-45 for integrated 1-GB network adapters
Network adapter 10 GB	2 RJ-45 for integrated 10-GB network adapters
USB (front)	2 USB 2.0 (Supports video over USB)
USB (back)	1 USB 2.0
Video	HDMI
Power	100-240V AC 50/60 Hz Proprietary BT1 Server Power Supply (BT1 Server -PS)

Power Supply

Wattage	203 W @ Maximum
Voltage	100-240V AC 50/60 Hz
Maximum Inrush Current	Under typical line conditions and over the entire system ambient operating range, the inrush current may reach 25 A for 10 ms or less
System Battery	BR2032 3.0 V DC Lithium Coin Cell

Physical Dimensions

Height	4.2 cm (1.75 in)
Width	21 .0 cm (8.25 in)
Depth	35.6 cm (14 in)
Weight	4.04 kg (8.9 lbs.)
Form Factor	1U
Weight	8.9 lbs. (4.04 kg)

Environmental

Operating Temperature	10° to 45° C
Operating Altitude	-16 to 2,000 m (-50 to 6,561.68 ft.)
Storage Altitude	-16 to 10,600 m (-50 to 35,000 ft.)
Fans	Long-life, High-efficiency Fans with Variable Auto-speed Control
Ultra-Low Heat Output	< 410 BTU/hr (Per Server)

Cyphre, a RigNet company (NASDAQ:RNET), is a cybersecurity company deploying disruptive data protection innovations by enhancing industry standard encryption protocols with our patent pending BlackTIE® technology.

For more information
visit our website www.rig.net/contact/contact-sales
or contact us at sales@rig.net

