Cyphre
Capabilities
Statement

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

Cyphre Differentiators

- FIPS 140-2

- Awarded encryption patent for data inflight

- End-to-end hardwarebased encryption

- Dedicated Security Engine

- Supports all network types

- "Aways on"

- Easy integration into existing data protection tech

- CyphreLink installed on 6 continents for major oil and gas companies

- Security/ encryption partner of AT&T

FIPS
VALIDATED
140-2

GSA IT Schedule 70

The nature of our technology ensures that security keys are inert and indecipherable.

Cyphre Solutions

- CyphreLink (Data In-transit)
- CyphreKey Management (Single Pane Key Control)
- CyphreCERT (PKI)
- CyphreLock (Data At-rest)

Patented BlackTIE Technology

The most ubiquitous threat to cloud data at rest and in flight is the period when security keys are memory resident on the host server. Cyphre's patented BlackTIE technology augments vulnerable single encryption keys with hardware-encrypted Black Keys to render hijacked keys useless, thus nullifying the threat. Chip-resident Black Keys are completely isolated from hacker exposure, and in fact even from Cyphre.

Make MITM Attacks Irrelevant

CyphreLink leverages secure point-to-point or site-to-site connections in routed or bridged configurations via a hardware-based security protocol implementation that utilizes SSL/TLS for key exchange. CyphreLink enhance sstandard SSL/TLS encryption sessions while providing a more efficient, cost effective solution to securely connect two sites to each other, or many sites in a mesh architecture. When used in a multi-client-server configuration, CyphreLink allows the server to release an authentication certificate for every client, using signature and certificate authority that are uniquely stored and protected within the hardware of connecting systems – no proprietary algorithms or protocols required, making CyphreLink platform-agnostic and highly flexible.

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For more information
visit our website www.**cyphre.com**
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a RigNet company

Enabling Intelligence. Delivering Results.