sitehop

SAFE Series delivers a global multi-tenant network security solution

Hardware-enforced core network security

Sitehop SAFE Series is an encryption and decryption system providing an ultra-low-latency solution for securing critical network data in motion.

CHALLENGE

The carrier required encryption for data centers worldwide while managing site security from a central hub known as the Virtual Network Operations Center (VNOC). They possessed a strong network infrastructure and sought a flexible, cost-effective network security solution. As a carrier, the customer also needed a multi-tenant solution that enabled them to provide data security without the expense and complications associated with a private wire.

ENTERPRISE NETWORK SECURITY

Sitehop's SAFE Series offered a hardware-enforced encryption solution that allowed customers to remotely manage installation and configuration through Sitehop's VAULT NMS, a cloud-based global network management system.

MULTI-TENANT NETWORK MANAGEMENT

Sitehop developed the SAFEnms specifically for carriers, such as our Tier 1 client, which serve numerous customers and need a configuration platform that facilitates a multi-tenant setup with a smooth workflow and minimal setup effort.

The carrier had numerous customers accessing a VPN aggregator and required the establishment of all necessary connections. Sitehop's multi-tenant management system empowered the carrier to create distinct spaces for their customers, ensuring data and configurations remained separate while enabling the carrier to manage their clientele efficiently.

RESULTS

The carrier achieved a competitive edge by providing a data security solution at a lower price than a VPN, allowing them to pass on savings to their clients. Additionally, they streamlined operations by cutting staff costs and time through straightforward setup, virtual centralized management, and automatic firmware updates.

400 Gbps

Protect your data in motion at 400Gbps aggregate bandwidth in a 1U rack space

835nsec*

Increase network speed and reduce latency. Sitehop delivers the world's lowest latency at 835nsec. 2x more bandwidth than the best software solution and 10,000x lower latency than many competing software encryptors

10x less power

Reduce your security carbon footprint with energy-efficient hardware that uses up to 10 times less power than software-only solutions.

*for 64byte packets