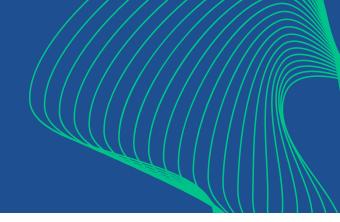# sitehop
SECURING DATA IN MOTION

SAFE Series

Future-proof your network security
with ultra-low latency PQC encryption

Hardware-enforced core network security

Sitehop SAFE Series is an encryption and decryption system that delivers a global, multi-tenant, ultra-low latency network solution for securing critical network data in motion.

- **Ensure a smooth user experience**
  Safeguard your valuable data and your customers' trust.

- **Compact and easy to install.**
  With a 1U rack and turnkey setup with preconfigured certificates and permissions, the SAFE Series is ready for on-site installation and use in minutes.

1

2

3

SAFEblade
Ultra-low-latency high-throughput encryption and decryption

SAFEcore
High-availability, low-power 1U rack mounting system

Sitehop SAFEnms
Enterprise-grade cloud network management system

Future-proof Post-Quantum Cryptography
Quantum-resistant now and PQC compliant in Q1 2025.

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

835nsec
Increase network speed and reduce latency. Sitehop delivers the worlds lowest latency of 835nsec** -- two times more bandwidth than the best software solution and 10,000 times lower latency that many competing software encryptors.

10x less power
Reduce your security carbon footprint with energy-efficient hardware that uses one tenth the power of software-only solutions.

* when using 2 x SAFEblade 1100 100Gbps encryptors
** 64Byte packets

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