

SENETAS

CypherNET Encryptors

MAXIMUM DATA PROTECTION FOR ALL NETWORKS

HIGH PERFORMANCE ENCRYPTION, FROM THE CORE TO THE CLOUD

HIGH ROI « » LOW TCO

How to calculate?

Offset the total cost over the effective lifetime of the investment against the quantifiable benefits realised.

How to calculate?

The total cumulative cost (CapEx and OpEx) to the organisation over the effective lifetime of the investment.

SECURITY



Unified encryption platform

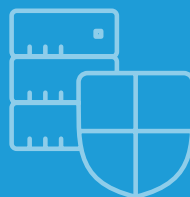
- Certified high-assurance hardware
- Versatile edge devices
- Virtualised WAN solutions

- Hybrid classical/quantum encryption
- Ensures authenticity and confidentiality of data
- Secures both the data and the network
- Dedicated security solution

→ End-to-end encryption means no gaps that need plugging at extra cost

→ Official testing authority certification eliminates the need for additional validation testing

→ Future proof technology means solutions won't become obsolete and need replacing in 3-5 years



PERFORMANCE



- Business IT productivity gains due to zero impact on real-time network performance
- Near zero latency and bandwidth use, preserving ~99% of the investment in network performance
- Predictable, guaranteed encryption performance

→ No hidden costs due to adverse impact on network performance

→ No opportunity cost resulting from an impact on bandwidth availability

→ Zero impact on other networked devices



AGILITY



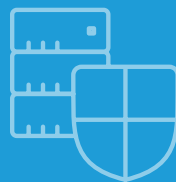
- Support for all network protocols and topologies at speeds from 100Mbps to 100Gbps
- Support for multi-layered networks
- Interoperability and backwards compatibility
- Compatible with quantum resistant algorithms for long term data protection

→ No hardware redundancy before end-of-life

→ No need for frequent security patching

→ Integration with QKD and QRNG without the need for hardware upgrades

→ Future proof platform incorporating QRA



RELIABILITY



- Better than industry standard, 99.999% uptime
- > 5 year working life
- Designed in redundancy and swappable consumables

→ 10-20% mission critical costs saving due to reduced requirement for standby units

→ Maximum performance against SLAs with avoidance of penalties



SIMPLICITY



- Nominal IT resource required for installation and management
- Zero-touch automatic key management
- Enhanced, long term value with no need for regular updates or reconfiguration

→ Minimal install and maintenance cost

→ Set and forget simplicity and full network transparency

→ Effortless deployment and management via intuitive GUI



Senetas encryption solutions are distributed and supported internationally (outside Australia and New Zealand) by Thales, and within US federal government and defence sectors by Thales Defence & Security Inc.

Senetas is a leading developer of cybersecurity solutions; trusted to protect enterprise, government, defence, Cloud and service provider data in over 40 countries. From certified high-assurance hardware, and virtualised encryption, to secure collaboration and proactive anti-malware solutions, all provide enterprise-wide security without compromise.

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