INTRODUCING SENETAS





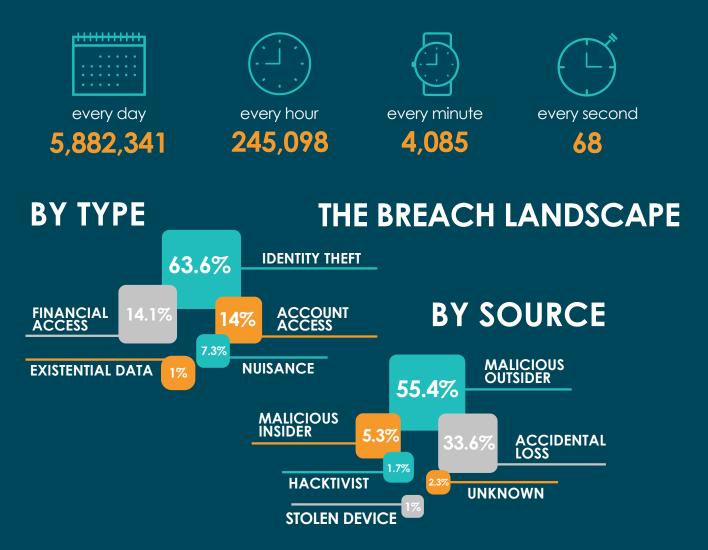
ABOUT SENETAS

Senetas is a leading developer of end-to-end encryption security solutions; trusted to protect enterprise, government, defence, Cloud and service provider network data in over 35 countries.

From certified high-assurance hardware and virtualised encryption, to encrypted file sharing with patented content disarm and reconstruction technology; all deliver security without compromise.

THE BREACH LANDSCAPE

SINCE 2013, DATA RECORDS HAVE BEEN LOST OR STOLEN AT AN ALARMING RATE.





WHY ENCRYPT NETWORK DATA?

The rapid adoption of Cloud Services, Big Data Applications and Virtualised Infrastructure means we are becoming increasingly reliant upon our high-speed, high-availability data networks to securely deliver information when and where we need it.

Encryption is proven to be the optimal security technology when it comes to protecting network transmitted data from theft, eavesdropping, rogue data inputs and simple technical or human error.

THE THREAT LANDSCAPE

Senetas protects data in motion against:



Intellectual Property Theft



Business

Disruption

Compliance

Issues



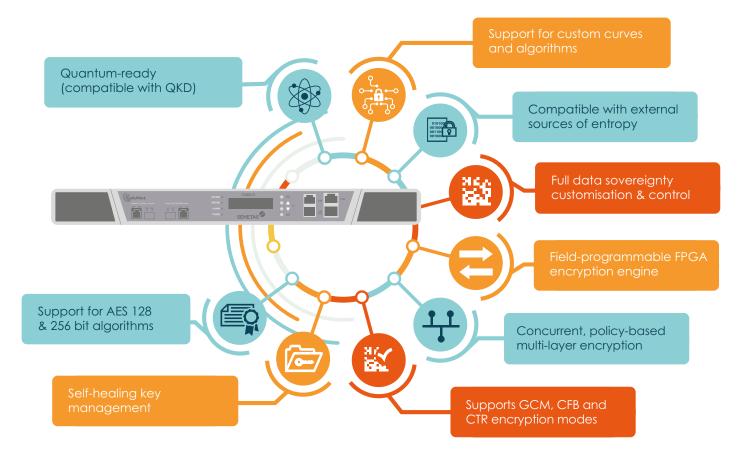




Hack Attacks

CRYPTO-AGILITY

The key to long-term data protection, sustainable ROI and lower TCO.





CN SERIES HARDWARE **ENCRYPTION**

FOR CORE NETWORK & IT INFRASTRUCTURE

CV SERIES VIRTUALISED **ENCRYPTION**

FOR VIRTUAL CPE & **WIDE AREA NETWORKS**

SUREDROP ENCRYPTED FILE-SHARING

FOR ENTERPRISE-WIDE **SECURE FILE EXCHANGE**



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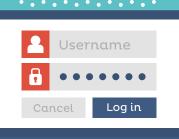
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CN SERIES HARDWARE ENCRYPTION FOR CORE IT AND NETWORK INFRASTRUCTURE









SENETAS CN SERIES ENCRYPTORS

CN4000 Series: Compact, Cost-Effective Encryptors



CN6000 SERIES: Versatile, Rack-Mounted Encryptors



CN9000 SERIES: Ultra-Fast, 100Gbps Encryptors



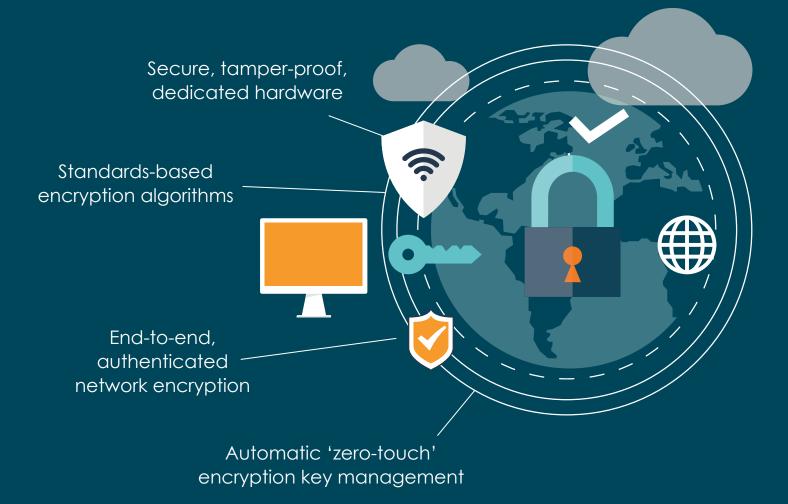
THE IMPORTANCE OF CERTIFICATION

Senetas CN Series encryptors include the added security assurance of certification by leading, independent testing authorities as suitable for government and defence use.



For over 20 years, Senetas R&D has included a commitment to 'certification in depth'.

WHAT IS HIGH-ASSURANCE?



MAXIMUM PERFORMANCE

Now offering the same Network Independent Encryption as the CV Series, CN Series encryptors provide maximum security, without compromising network or application performance.

10Mbps to 100Gbps

Zero packet loss

Ultra-low latency

Near-zero network overhead

SENETAS ENCRYPTED **NETWORKS** BENEFITS

LATENCY Lower capital expenditure **NETWORK** WIRE-SPEED INDEPENDEN Ease of use ENCRYPTION DENT Tamper proof Quantum-ready eroperability Traffic flow NETWORK TRANSPARENCY protection Secure data Flexible throughput management Topology agnostic ENCRYPTION

APPLICATIONS



Data Centre Interconnect



Cloud Services and Networks



Big Data Applications



Real-time CCTV Networks



SCADA & Industrial Control Networks

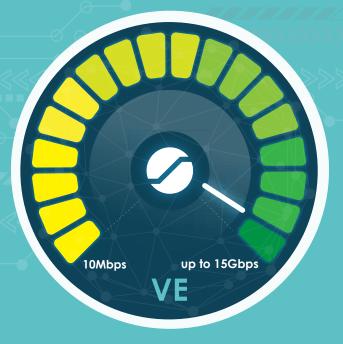


CV SERIES VIRTUALISED ENCRYPTION FOR VIRTUAL CPE & VIRTUALISED WAN

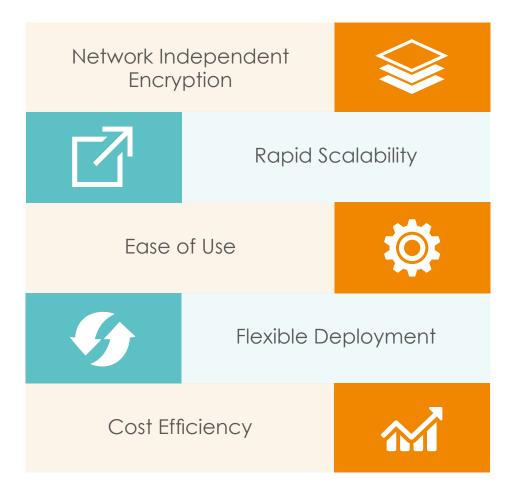
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SENETAS CV1000 UP TO 15GBPS VIRTUALISED ENCRYPTION

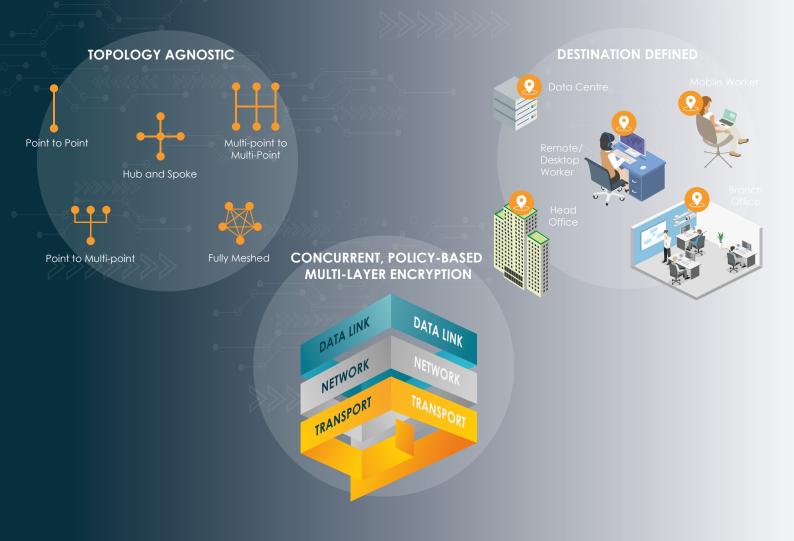
The Crypto-agile virtualised encryption appliance, designed for virtual CPE and Wide Area Networks.



The CV1000 is designed to meet the demands of today's IT and data network managers:

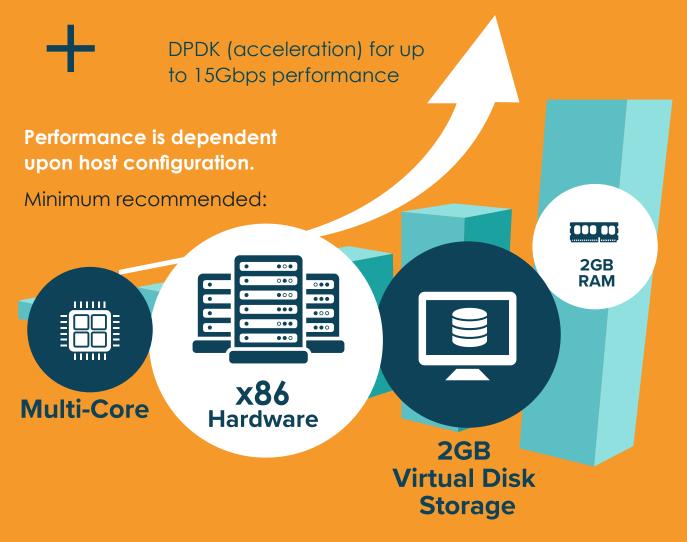


«NETWORK INDEPENDENT ENCRYPTION

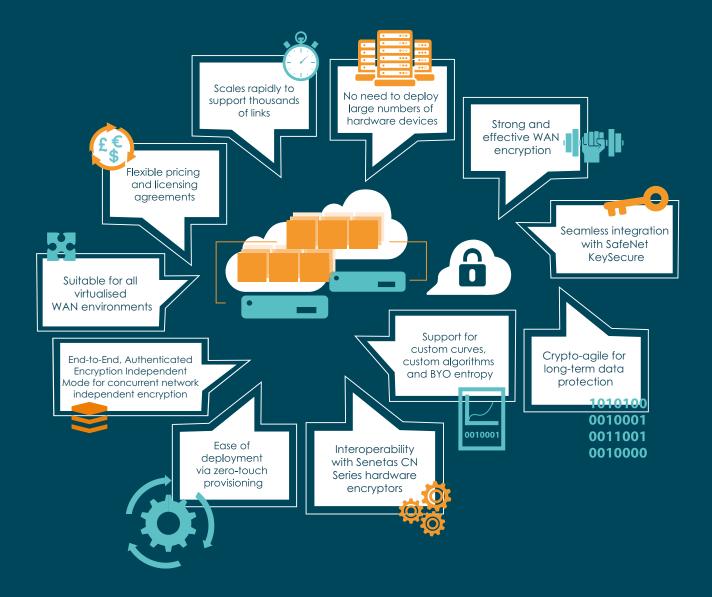


CV1000 IMPLEMENTATION

The CV1000 is a guest virtual machine that runs on industry standard x86 hosts and hypervisors.



KEY FEATURES & BENEFITS



SUREDROP ENCRYPTED FILE-SHARING WITH 100% CONTROL OVER DATA SOVEREIGNTY

Suredrop provides all the usability, familiarity and convenience of a box-type file sharing application; with the addition of state-of-the-art encryption security, and more.

DESIGNED TO BE BETTER, AND SAFER



100% control over data sovereignty



Maximum customer file security



AES256bit Encryption Algorithms



Effortless management and control



Managed service or on-premises deployment



Zero-day attack protection



Content disarm and reconstruction



Anti-Virus and DPL



Unlimited file size and type



Highly resilient, fully redundant

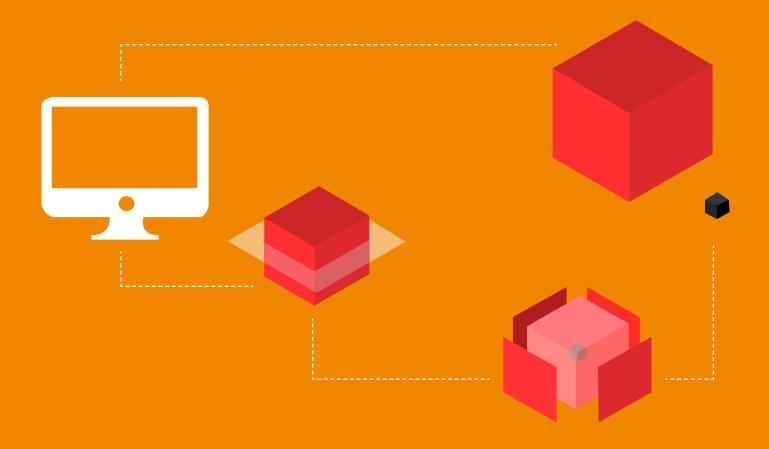
SECURE, STANDARDS-BASED ENCRYPTION



ZERO-TOUCH ENCRYPTION KEY MANAGEMENT



VOTIRO CONTENT DISARM & RECONSTRUCTION

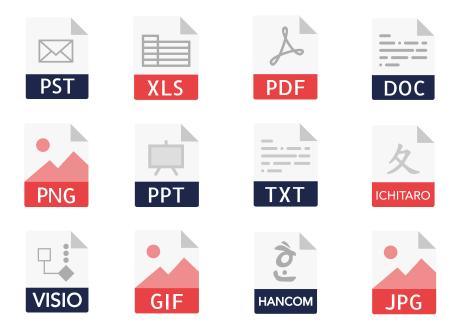


TAKING **CYBERSECURITY** TO THE NEXT LEVEL

Votiro's award-winning patented Content Disarm and Reconstruction (CDR) technology is a proactive, signature-less technology. It targets the most commonly exploited file formats and protects against the most advanced, persistent cyber-attacks.

It neutralises exploit attempts before they're disclosed, and before any other security system can provide protection against them.

Votiro Disarmer supports the broadest range of file formats:



SAFE. SECURE. EFFECTIVE.

Store and share files via any platform. We'll make sure they're safe.



Disarmer for Fmail



Disarmer for Web



Disarmer for Content Collaboration Platforms



Disarmer for File Transfer



Disarmer for Removable Devices



SAFE

Preserve 100% functionality of content once neturalised from threats.

SECURE

Disarm files from zero-day and other undisclosed attacks, no matter the source.

EFFECTIVE

Integrate with existing security infrastructure and avoid complex policy management.

THREE STAGES TO NEUTRALISATION

Scan The received file is scanned for known

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Disarm

threats.

The file is broken down into its basic objects. Each individual section, alongside metadata, is analysed and any malicious content removed.

03

Reconstruct

The cleansed file is reconstructed with its original integrity and functionality preserved. It's now safe to save and edit.



DISARM WITH CONFIDENCE

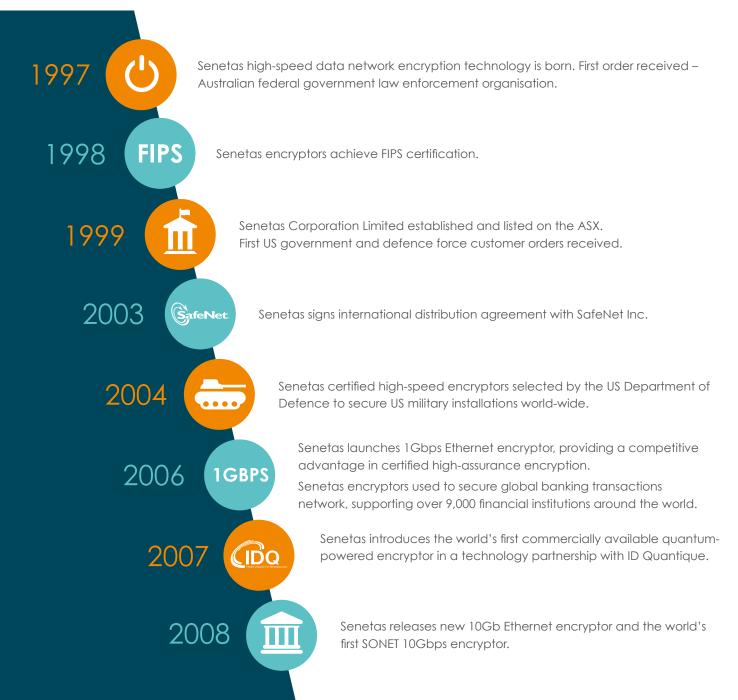
Votiro Disarmer defends your data against a range of threats, including:

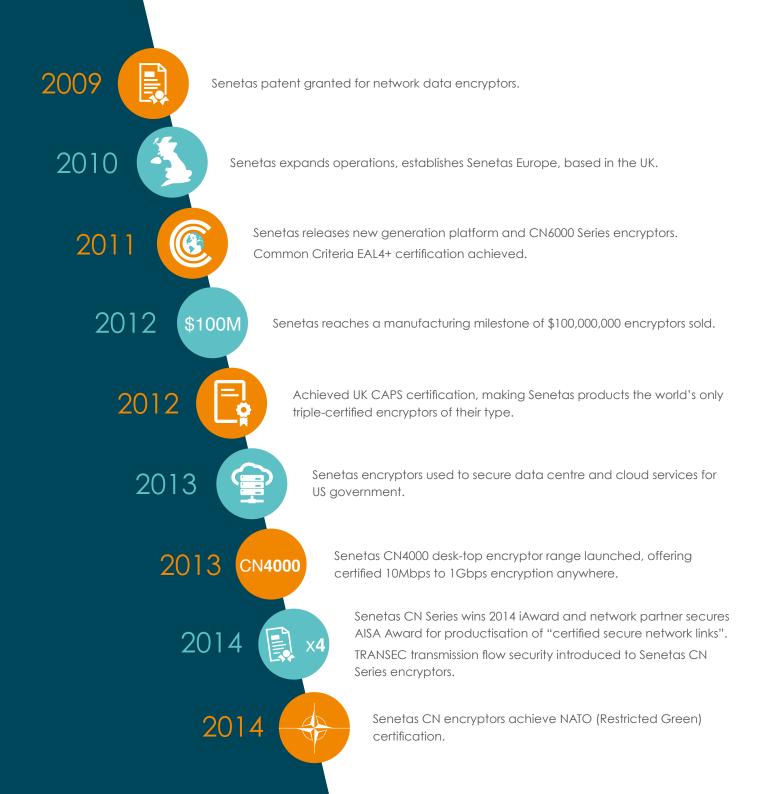


What's more, it does so without compromising network performance. Your cybersecurity will be transformed with no negative impact on your users.

A HISTORY OF INNOVATION

OUR STORY SENETAS CHRONOLOGY





Senetas launches first multi-link encryptor. The CN8000 provides ten x 1-10Gbps ports 2015 CN8000 with multiple tenancy capabilities. Senetas adds support for Suite B algorithms and Elliptic Curve Cryptography (ECC). 2015 First order received for bespoke encryptors featuring custom algorithms. 2015 Senetas wins government technology export award. Senetas R&D adds 'Crypto-Agility' to its product road map providing 2016 customer flexibility and Quantum features. Senetas software release (v2.7.1) now supports custom elliptic curves and 2016 BYOD entropy. Senetas CN Series encryptors achieve ultra-low latency milestone of 1.5µs at 100Gbps in customer testing. 100 2017 Senetas launches the CN9000 Series at RSA, the world's largest IT GBPS security event. CN9000 is the world's first commercially available 100Gbps Ethernet encryptor to support all network topologies. Technology partnership with ADVA Optical Networks leads to 2018 o ADVA ADVA's release of Ensemble Connect Guard; an integrated secure networking solution for Virtual Private Networks. Senetas launches its first virtualised network encryption solution. 2018 CV1000 The CV1000 is the first crypto-agile Virtualised Network Function encryptor offering concurrent Network Independent Encryption. 2018 Senetas invests in Cybersecurity firm Votiro. Developers 201<u>9</u> VOTIRC of award-winning Content Disarm and Reconstruction (CDR) technology.

GLOBAL DISTRIBUTION AND SUPPORT

THALES

Senetas encryption solutions are distributed and supported internationally (outside Australia & New Zealand) by Thales, within the US Federal Government by Thales Defense & Security Inc and across Australia and New Zealand by Senetas and its Partner Community.



SENETAS CUSTOMERS



MEET THE BOARD



Francis W. Galbally Non-Executive Chairman



Lieutenant General (Retd) Ken Gillespie, Director



Lachlan Given Director



Lawrence D. Hansen Director



Andrew Wilson Chief Executive Officer



Philip Schofield Director



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www.senetas.com

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