

# SENETAS CN9000

SENETAS  
Security without compromise

High-assurance encryptors:  
Ultra-fast, Ultra-secure,  
Ultra-reliable

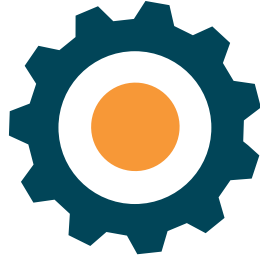


## WHAT MAKES THE SENETAS CN9000 100GBPS ENCRYPTOR SO POWERFUL?



AT FULL LINE-RATE  
**THE CN9000**

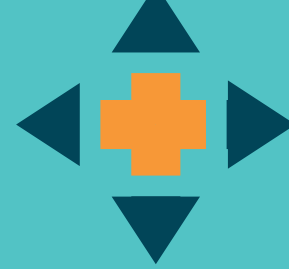
IS ENCRYPTING THE EQUIVALENT  
OF **20,000 HD MOVIE STREAMS**  
PER SECOND.



### KEY FEATURES

- ULTRA-FAST 100GBPS
- ULTRA-LOW LATENCY (< 2µs)
- FLEXIBLE FPGA-BASED ARCHITECTURE
- NEAR-ZERO NETWORK OVERHEADS
- SUPPORTS ALL ETHERNET TOPOLOGIES;  
P2P, HUB & SPOKE, FULLY MESHED

- SUPPORT FOR JUMBO FRAMES
- PROTOCOL AND APPLICATION TRANSPARENT
- SUPPORT FOR QSFP28 AND SFP4 TRANSCEIVERS
- UNICAST, MULTICAST AND BROADCAST TRAFFIC



### PROTOCOLS & CONNECTIVITY



### HIGH ASSURANCE

- SECURE, TAMPER-PROOF  
DEDICATED HARDWARE
- STATE-OF-THE-ART, AUTOMATIC  
'ZERO-TOUCH' KEY MANAGEMENT
- END-TO-END AUTHENTICATED  
NETWORK ENCRYPTION
- CERTIFIED: FIPS AND COMMON CRITERIA

- 128 OR 256BIT KEYS
- QUANTUM READY
- POLICY BASED VLAN ID
- CUSTOMISATION FOR CURVES AND ENTROPY



### CRYPTO AGILITY



### MANAGEMENT

- 99.999% UPTIME
- SET AND FORGET IMPLEMENTATION
- CENTRAL AND REMOTE MANAGEMENT TOOLS
- SUPPORT EXTERNAL CA (X.509V3)
- NEAR-ZERO HARDWARE MANAGEMENT

- LOW TOTAL COST OF OWNERSHIP
- FULLY INTEROPERABLE WITH ALL CN  
ENCRYPTORS
- HIGH RETURN ON INVESTMENT
- LOW POWER CONSUMPTION
- ONLY USES 1U RACK SPACE



### COST EFFECTIVE

## DISCOVER MORE ABOUT CN SERIES ENCRYPTORS



DISCOVER  
CN9000 BROCHURE



DOWNLOAD  
CN9000 SPEC SHEET



EXPLORE  
CN9000 USE CASES

Senetas CN Series hardware encryptors and CV Series virtual encryptors are distributed and supported internationally by Gemalto under its SafeNet brand; within the US Federal Government by SafeNet Assured Technologies, and throughout Australia and New Zealand by Senetas and accredited partners.

Senetas is a leading developer of encryption security solutions; trusted to protect enterprise, government, defence, Cloud and service provider data in over 35 countries. From certified high-assurance hardware, and virtualized encryption, to secure file sharing with data sovereignty control, all are based on the same crypto-agile platform and deliver security without compromise.

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