DATASHEET

# Certes CryptoFlow® Net Creator

Centralized Control Over Encryption and Keys | Hitless Real-time Traffic Protection | Multi-Layer Encryption for Maximum Flexibility Multiple Deployment Options | FIPS/Common Criteria certified versions available.

## ABOUT CERTES

Certes Networks delivers security solutions to enterprises and governments around the world. Our patented software-defined network encryption solutions are deployed to protect enterprise data traffic in nearly 100 countries.

We understand the difference between our unique encryption technology versus standard IPsec encryption and so do our customers. With the Certes Layer 4 solution, data in transit is encrypted independent of the applications and network. For our customers, this is one of the foremost reasons why they choose Certes and sets us apart from other encryption offerings. We understand the need for critical efficiency, time savings, and cost effectiveness for our customers, which is why we developed a simple, scalable and uncomplicated encryption solution.

For more information visit **CertesNetworks.com**

## PRODUCT OVERVIEW

CryptoFlow® Net Creator (CFNC) is a centralized key management system that organizes and streamlines operations while providing you with full control of your security posture. With a user-friendly GUI and drag-and- drop tool, you have the ability to define and deploy policies with ease from one central point of control.

### Automated and Unattended

CFNC centralizes and automates control of keys and policies at an enterprise scale. It enables generation of keys to protect the entire network infrastructure, including the ability to define separate policies for compliance regulations. And, with unattended key rotations you have the ability to schedule key rotations at intervals that you choose. Once scheduled, key rotations are automatic.

### Simple, Scalable and Uncomplicated

CFNC enables automatic traffic protection policy generation on any standards-based network, including LAN, WAN, WiFi, Internet, SDN/NFV and others. CFNC installs seamlessly into any Legacy network, 3rd party network, a remote site, data center, virtualized data center, Cloud or other network location. CFNC protection policies function in real-time on application traffic over the network enabling you to be proactive to events in order to better manage incidents.

With ultimate flexibility to support any network topology, CFNC is used to encrypt traffic at any networking layer in a packet, providing protection for Layer 2, Layer 3 and Layer 4 networks.

## CERTIFICATIONS

Certes CFNC v5.3 software is both FIPS and Common Criteria certified when running with the proper certified hardware.

The product complies with FIPS 140-2, (cert #3347) and the requirements of the standard ISO/IEC 15408 (Common Criteria) v.3.1 for the assurance level: EAL4+ (ALC_FLR.3).

**CERTES NETWORKS PROVABLE SECURITY ™**
***Visual proof that your security strategy is effective***

# CFNC Management Hardware

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## Single Power (CMSP) / Dual Power (CMDP)

### ENVIRONMENTAL

- Operating Temperature: 50F to 95F / 10C to 35C
- Storage Temperature: -40F to 149F / -40C to 65C
- Humidity: 10% to 80% (operation)
- Humidity: 5% to 95% (storage)
- Input: 100-240VAC 50-60Hz
- Output: NA
- Power:
  **CMSP** - 250W
  **CMDP** - 350W
- Cooling: Active

### ACTIVE INTERFACES

- 2 x 10/100/1000
- 1 Management
- 1 unused

### REGULATORY

- EU WEEE
- EU RoHS-5
- UL 60950-1
- FCC part 15 subpart B class A

### FCC PART 15 SUBPART B CLASS B PORTS

- VGA
- 2 x USB
- 4 x RJ45
- DB-9

### ENCLOSURE

- Single Power Supply (**CMSP**)
- Dual Power Supplies (**CMDP**)
- Rack mountable (1U)
- Dimensions:
  **CMSP** - 19.56in x 1.66in x 17.09in (497mm x 42mm x 434.15mm)
  **CMDP** - 24.02in x 1.69in x 17.09in (610mm x 42.8mm x 434.15mm)
- Weight:
  **CMSP**: 19.35lbs (8.7kg)
  **CMDP**: 30.42lbs (13.8kg)
- Shipping Dimensions:
  **CMSP**: 30in x 10in x 24in (762mm x 254mm x 609.6mm)
  **CMDP**: 36in x 11in x 24in (914.4mm x 279.4mm x 609.6mm)
- Shipping Weight:
  **CMSP**: 34 lbs. (15.42kg)
  **CMDP**: 45 lbs. (20.41kg)

### NETWORK SUPPORT

- Ethernet
- VLAN tag preservation
- MPLS tag preservation
- IPv4
- Secure NTP

To learn more visit CertesNetworks.com

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