



Accelerated Crypto - Series

Clavister XC-Series

- At a glance

- **State of the art, security gateways**

Firewall and VPN gateways based on Clavister's award-winning security technology.

- **Carrier class VPN performance**

The Clavister XC-Series delivers up to 4 Gigabits per second of plaintext performance and 1 Gigabits per second of AES/3DES throughput.



The Clavister XC-Series is the latest addition to the Clavister Firewall Appliance family of products. The XC-Series is designed primarily to be used as central gateways in high-load enterprise VPN networks, or in data centers offering IPsec VPN services.

The XC-Series consists of two product models, the Clavister XC1080 and Clavister XC4080, differentiated by performance.

Superior VPN performance

Apart from the impressive plaintext throughput, where the Clavister XC 4080 performs at up to 4 Gigabits per second and the Clavister XC 1080 at 1 Gigabits per second, the products in the XC-Series are built for managing VPN traffic at high rates.

Both products in the XC-Series support gigabit VPN throughput, using either AES or 3DES encryption algorithms.

Up to two thousand simultaneous VPN tunnels can be established, which in combination with the high data rate supported makes the XC-Series of products highly suitable for use as central VPN gateways.

Unparalleled Resilience



Hot-swappable, redundant backup power supplies in the Clavister XC4080 ensures a reliable system.

The most common cause of operational interrupts in computer hardware is faulty hard drives. This is the reason why none of the Clavister Firewall Appliances make use of hard drives.

Second most common cause is power loss because of a broken power supply. For this reason, all 2U-based Clavister Firewall Appliances are equipped with hot-swappable redundant backup power supplies.

All Clavister Firewall Appliance products are simply designed for maximum availability.

Complete PKI Solutions

Clavister products are ideal building blocks for deploying complete PKI-enabled VPN networks.

The products in the XC-Series can be successfully combined with the Clavister VPN Client software and with products and services from Clavister's technology partners, for instance Verisign and Rainbow Technologies.



Clavister XC4080B with 4 copper and 4 fiber gigabit Ethernet interfaces.

Clavister XC-Series

- Quick Facts

Clavister XC1080

Throughput	1000 Mbps
VPN Throughput (AES / 3DES)	1000 Mbps
Concurrent connections	256.000
VPN Tunnels	1000

Network interfaces

Model A: 8 x 1000BASE-TX

Model B: 4 x 1000BASE-TX, 4 x 1000BASE-SX

Model C: 4 x 1000BASE-TX, 2 x 1000BASE-SX,
2 x 1000BASE-LX

Dimensions

Rack mountable 2U, 435 x 88 x 500 mm, 11.9 kg

Clavister XC4080

Throughput	4000 Mbps
VPN Throughput (AES / 3DES)	1100 Mbps
Concurrent connections	5.000.000
VPN Tunnels	2000

Network interfaces

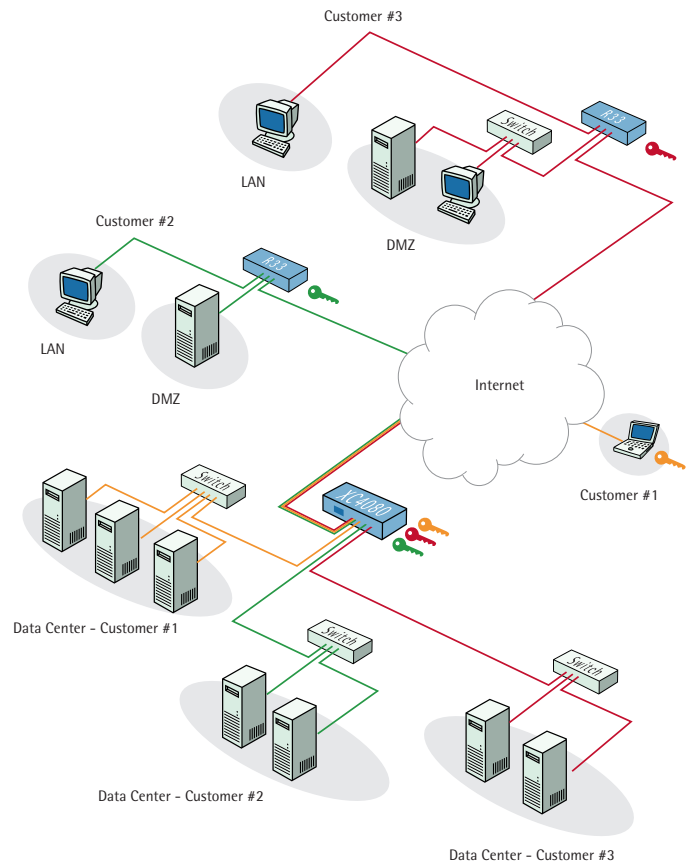
Model A: 8 x 1000BASE-TX

Model B: 4 x 1000BASE-TX, 4 x 1000BASE-SX

Model C: 4 x 1000BASE-TX, 2 x 1000BASE-SX,
2 x 1000BASE-LX

Dimensions

Rack mountable 2U, 435 x 88 x 500 mm, 11.9 kg



Clavister XC4080 provides 1 Gigabit per second of AES and 3DES VPN throughput and is therefore the perfect choice of gateway for data centers with IPSec VPN services.