



— HIGH SPEED END-TO-END WEB SCALE —

# ETHERNET ENCRYPTION

PROTECTION FOR CLOUD NETWORKING AND HIGH-VOLUME CONTENT DISTRIBUTION



The average hacker can tap a fiber optic network almost as easily as its copper predecessor, extracting information without raising suspicions or disrupting services. As enterprises race to keep up with the need for high-volume “content on demand,” adversaries are monitoring network vulnerabilities to exploit intellectual property and company secrets. One of the simplest and quickest ways to protect your sensitive data as it traverses the world from building-to-building and data center-to-data center is to encrypt it. With ViaSat’s line of high-speed Ethernet encryption appliances and virtual network functions (VNF), you get trusted high-performing protection with near-zero latency, so your important voice, video, and data is safely delivered wherever it needs to go.

**ViaSat**<sup>®</sup>



# END-TO-END PROTECTION

1 Gbps VNF and 1/10/40/100 Gbps encryption appliances for securing content distribution and caching, network load balancing and resiliency, disaster recovery, cloud exchange points, and data center interconnectivity.



## VIASAT ETHERNET ENCRYPTION

### Introducing the High-Speed SEC Family

- » Multiple bandwidth profiles
- » Near-zero latency
- » Metro Ethernet Forum (MEF) and SDN interoperable
- » MACsec IEEE 802.1 AEbw-2013
- » FIPS 140-2 Level 3\* with GCM-AES-XPB-256 algorithm
- » Integrated key management server
- » Cryptographic isolation to enable multiple customer flows per appliance
- » Simple to install, operate, and maintain




# — HIGH-SPEED ETHERNET ENCRYPTION —


## PURCHASE AND LEASING OPTIONS

ViaSat high-speed encryption provides a scalable and trusted approach to securing data in transit and at rest for cloud computing, big data processing, and other content-rich applications.


### Data in Transit Encryption Appliances

<b>SEC-1170 (1RU)</b>	Single-port network encryptor; 1 to 100 Gbps	
<b>SEC-1170B (blade)</b>	PCI-E based network encryptor; 10 to 100 Gbps	

### Network Function Virtualization (Encryption)

<b>SEC-1140V</b>	1 Gbps virtual network function (VNF) encryption software; Host on existing infrastructure	
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### Data at Rest Encryption Appliance

<b>SEC-2160 (1RU)</b>	FCoE data storage encryption; 1 to 100 Gbps	
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## ADDITIONAL CYBERSECURITY SERVICES

Encryption is an essential step in keeping your data safe, but it alone can't protect you from insider threats or malware that snuck in through a back door. Good cybersecurity requires having full visibility of your entire network security with the ability to respond to threats in real-time. To accomplish that, we provide vulnerability assessment, remediation, implementation, and secure operations management services. We can help you meet and exceed standard cybersecurity compliances such as NERC CIP, ISO/IEC 27XXX, HIPAA, FINRA, and NIST RMF.

### Why ViaSat?

ViaSat encryption is accredited and used by corporations, educational institutes, governments, and militaries worldwide. Our security products are part of a controlled supply chain and manufactured in the United States. ViaSat is also a broadband satellite service provider, connecting users around the globe with high-speed Internet. We know that protecting your information is just as important as having immediate access to it from any location. With our high-speed encryption, you gain trusted security that keeps pace with your business needs.

## SALES

**TEL** 888 842 7281 (US toll free) **EMAIL** [infosec@viasat.com](mailto:infosec@viasat.com)

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