

Thales Virtual Encryptor CV1000



Scalable to thousands of end-points, the Thales CV1000 Virtual Encryptor (CV1000) is a hardened virtual encryptor, designed for extended WANs and SD WANs. The CV1000 delivers cost effective policy-based multi-Layer data protection at up to 5 Gbps.

Why Virtualized Encryption?

In a world increasingly dominated by workforce mobility, distributed WAN, virtualization and borderless infrastructure, the need for robust, high-performance virtualized encryption security is growing. In addition, today's WANs often extend well beyond core infrastructure, and that data still requires robust encryption protection. The Thales Virtual Encryptor CV1000 (CV1000) gives IT and data network managers the ability to respond to changing business needs, meet the increasing demand for agility, and provides data protection across the extended and virtualized WAN—all the way to the network edge.

Virtualized encryption functions provide the scalability, simplicity, flexibility, as well as much needed cost-efficiencies demanded by IT and data networks managers. The CV1000 provides organizations with an operational and expense friendly alternative to using a hardware appliance for securing data in motion across networks and meeting security and compliance requirements. By using a virtualized encryption appliance organizations can remotely scale up network encryption to meet increased capacity demands or quickly make policy changes across multiple networks, while eliminating the cost for additional rack space.

Trusted Security

- Optimizes concurrent multi-layer network traffic encryption across Layer 2,3, and 4
- Flexible, cost-effective way to encrypt all the way to the network edge

Customer Benefits

- Agile, scalable solution, highly responsive to changes in IT and business needs
- Near-zero overhead
- Up to 10 times more affordable than hardware-based appliances

Scalable and Simple

- Point to Point, Hub and Spoke, and Full Mesh
- Instant scalability to match the scale and flexibility of their Software Defined Networks Ethernet Services
- Ease of deployment with centralized, 'zero-touch' provisioning

Scalability

The CV1000 is unique. Instant scalability means it may be deployed rapidly across hundreds of network links, providing robust encryption protection for data-in-motion. Designed to match flexibility and scalability of virtualized network functions (VNFs),