Monitor and manage NSA-certified EDE and HAIPE network security encryptor devices at scale

Integrate and automate using an extensive library of REST APIs

Adaptable identity and access management

Upgrade device software easily

Manage device keys

Intuitive, web-based interface

Go beyond traditional network security device management with a purpose-built API-driven VINE Enterprise for evolving enterprises. VINE Enterprise enables customer network agility with REST API, and continuous unparalleled visibility into faults and incidents. Improve operational agility with wizards, dashboards, alerts, and reports.

FEATURES

Security
» Compliant with DoD Application Security Requirements Guide (SRG)
» RBAC and multiple AAA protocol support
» Log forwarding and SIEM Integration
» Integrated Key Manager

Network Agility
» Provision and configure devices in bulk
» Manage EDE connections
» Manage HAIPE security associations and policies[2]
» Customizable device polling for maximum network performance and scale
» Improve reliability with automatic backup and restoration of device configurations

Deployment
» Deploy to virtual and cloud VM

Automation
» Touchless device software upgrade
» Do more with less by automating using VINE REST API

Network Visibility
» Real-time alerts and audits
» Situational awareness around device health, network and keys
» Remediate issues before network impact
» Easily troubleshoot faults and minimize downtime
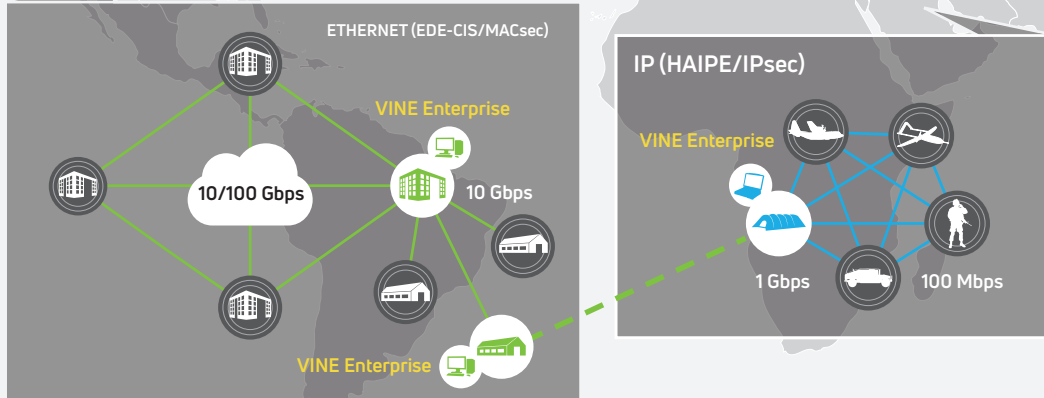» Access EDE device telemetry via API[1]
» Device configuration changes alert

Standards-Based Interfaces
» Syslog/JSON formatted log forwarding
» Integrate with LDAP, Microsoft Active Directory, RADIUS, and many other authentication schemes
» OpenAPI 3.0 compliant machine interface

[1] Feature is supported on EDE devices
[2] Feature is supported on HAIPE devices

SEAMLESS MANAGEMENT FOR ETHERNET AND IP NETWORKS

ETHERNET (EDE-CIS/MACsec)

VINE Enterprise

10/100 Gbps

10 Gbps

VINE Enterprise

IP (HAIPE/IPsec)

VINE Enterprise

1 Gbps   100 Mbps

SPECIFICATIONS

VINE ENTERPRISE SYSTEM REQUIREMENTS

Operating System:

» Microsoft Windows Server 2016, 2019
» Microsoft Windows 10 Desktop OS for small workloads only

Host System:

Number of Managed Devices	Processor CPU Cores	Memory	Hard Disk
Up to 500	4+ Intel Xeon 2.5 GHz Cores	8 GB	20 GB of free disk space
Up to 1000	8+ Intel Xeon 2.5 GHz Cores	8 GB	40 GB of free disk space
Up to 2000	Contact Viasat product support to create a solution tailored to your specific needs		

VINE CLIENT DESKTOP REQUIREMENTS

» Minimum screen resolution: 1280 x 1024
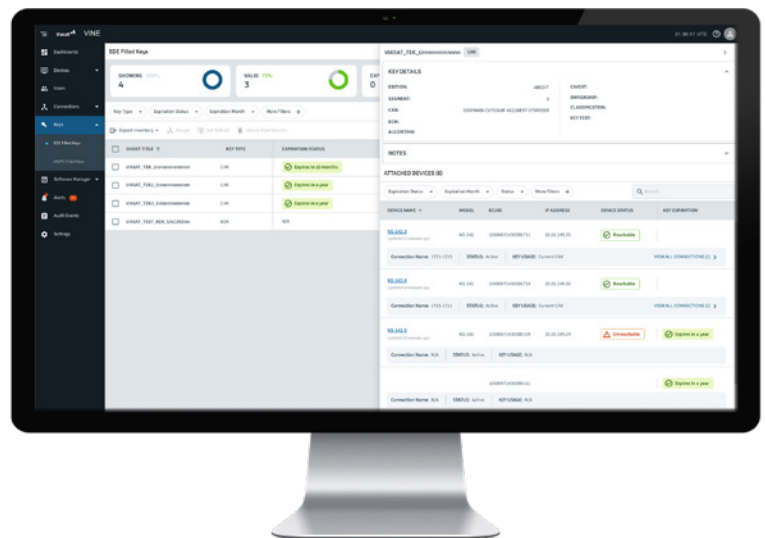» Recommended Browsers: Google Chrome LTS 102, Microsoft Edge 110

VINE ENTERPRISE COMPATIBLE VIASAT NETWORK ENCRYPTOR DEVICES

ETHERNET ENCRYPTORS

» KG-142
» KG-255X

IP ENCRYPTORS

» KG-255X
» KG-250X
» KG-250XS
» IPS-250X

Viasat