

# VOYAGER/ECK

Communication

Executive

Personal

Secure

VoyagerECK provides familiar and robust Cisco-based routing and switching capabilities while remaining scalable and compatible with other Voyager chassis options. It combines these networking capabilities with a lightweight carbon fiber chassis, integrated power supply with battery backup and a rugged yet compact VoIP handset.

Harnessing the power of VoyagerVMm, the VoyagerECK provides Gigabit Ethernet connectivity using the same hardware for Red and Black side enclaves in HAIPE or CSfC mode.

The innovative chassis design enables easy access to the handset for secure voice calls while keeping other networking components and HAIPE organized and concealed until needed. that suits their needs.

## KEY FEATURES

All-in-one kit for HAIPE-based and CSfC remote secure access

Integrated Red/Black/HAIPE devices

Backhaul over Ethernet or public Wi-Fi

Easy access to VoIP handset through dedicated door for voice calls even when on-the-move

Removal of Voyager Ignition Key (VIK) renders the device inoperable for additional security

VIK allows personal portability among systems and enables rapid reconfiguration by an incidental operator

Supports a range of routing stacks including Cisco, Aruba, Palo Alto and KlasOS Keel



Rugged



SECURE



Portable



Red-side with VoyagerVMm and HAPE



Black-side with VoyagerVMm and Wi-Fi

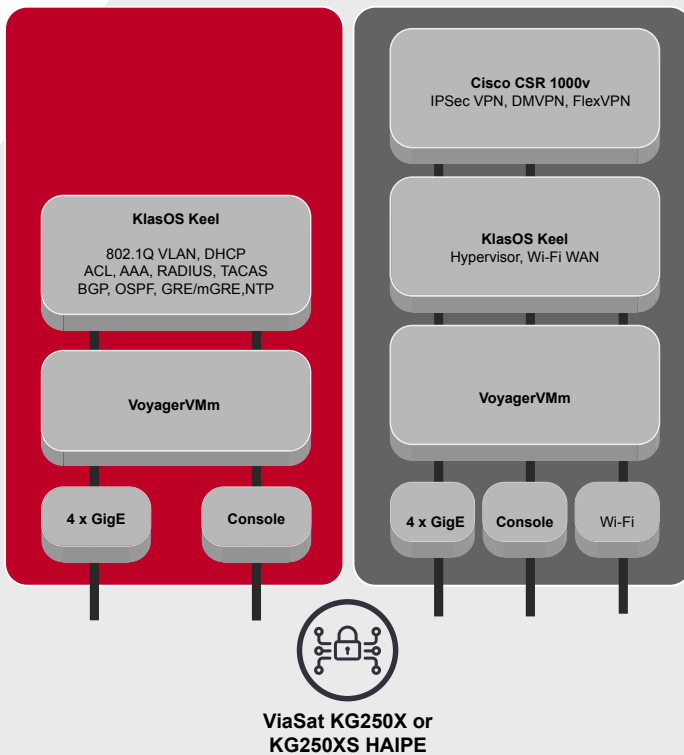
## VoyagerVMm



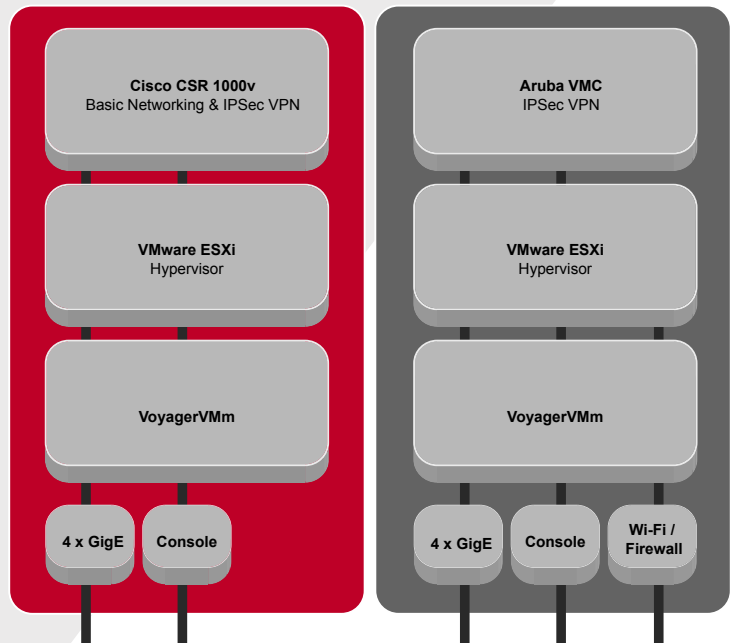
### VoyagerVMm Key Features

- 3 Front-facing Gigabit ports (1 x PoE) and 1 rear-facing for HAIPE
- Removable configuration and OS storage
- Console port for router OS
- Wi-Fi interface on Black side
- Operates like hardware router

### Red/Black with HAIPE



### CSfC



## PHYSICAL SPECIFICATIONS

- 14.7" L x 8.9" W x 3.3" H (373 x 226 x 83mm)
- 9.2 lb / 4.1 kg (no KG-250X)
- 12 lb / 5.4 kg (with KG-250X)

## ELECTRICAL SPECIFICATIONS

- 10-36 VDC Input range
- Supports charging from automobile supply
- 2 hour internal battery power for all components
- PoE on red enclave to support a broad range of VoIP devices

## TEMPERATURE RANGE

- Operating temperature: -10 °C to 55 °C
- Storage temperature: -20 °C to 70 °C

## PRIMARY COMPONENTS

- Cisco routing on black enclave supporting latest Cisco IOS XE
- L3 routing on red enclave supporting IGMP, PIM, IPSec VPN, mGRE, SNMP, IP PBX
- Support for GFE ViaSat KG-250X or KG-250XS HAIPE
- VoIP handset for red enclave
- Power supply and internal battery

## CERTIFICATION &amp; APPROVALS

- Approved to operate on DISA's DoD Enterprise Classified Travel Kit Gateway (DECTK-GW)
- Listed on the DISA UC APL and JITC approved
- MIL-STD-810G compliant
- CSfC compliant
- Red Dot Award for Product Design

## VOYAGERVMM SPECIFICATIONS

- Processor
  - 5th Gen Intel® Dual-Core™ i3-5010U
  - (1.8GHz); 8 GB DDR3 RAM
- Ports:
  - 1 x Console
  - 4 x Gigabit Ethernet ports (1 PoE)
    - 3 x Front Gigabit Ethernet ports
    - 1 x Rear Gigabit Ethernet port
  - 2 x USB 3.0
  - 1 x DisplayPort++
  - 1 x VIK
  - 1 x SSD slot
- USB Wi-Fi router support
  - Wi-Fi 802.11 with Full Security

## BLACK ENCLAVE

- 1 x VoyagerVMM
- USB Wi-Fi router
- KlasOS Keel
  - Cisco CSR 1000v with Security pack running on KlasOS Keel

## RED ENCLAVE

- 1 x VoyagerVMM
- HAIPE
  - 1 x KG-250X or KG-250XS HAIPE Device
- KlasOS Keel
  - KlasOS Keel provides routing protocols, DHCP, VLANs, mGRE
  - Similar networking capabilities as KlasOS Tuskar on VoyagerESm.

## CSfC

- 1 x VoyagerVMM (Red side)
- 1 x VoyagerVMM (Black side)
- VMware ESXi Hypervisor
  - Cisco CSR 1000v on Red side with Basic Networking and IPSec VPN
  - Aruba VMC on Blackside with IPSec VPN

# KLAS

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