KLAS TELECOM

Hyperconverged Tactical Data Center

Organizations operating in tactical environments demand infrastructure that transcends the walls of the datacenter to support mission-critical applications with rapid deployment, high availability, linear scaling, and secure operations.

Nutanix and Klas Telecom have partnered to create a formidable datacenter solution – the Voyager Tactical Data Center system – with more storage per cubic inch than any other offering in the market, whether tactical or enterprise.

Powered by Nutanix' award-winning Acropolis and Prism software, the Voyager's compact form factor withstands harsh, austere, physical conditions of the field and significantly reduces the footprint of legacy tactical data center operations. This joint solution enables users to deploy enterprise-grade data storage networks to the edge in a single, airline carry-on-size rollaway case. The Klas Telecom Voyager and Nutanix hyperconverged technology offers new mobile, remote, and tactical datacenter capabilities for defense, education, energy, first responder, and healthcare entities.

VOYAGER
TACTICAL DATA CENTER

Voyager Tactical Data Center in rollaway form with door lids closed.

SECURITY-FIRST DESIGN
Nutanix delivers a broad range of capabilities that security-conscious customers can use to meet stringent requirements, including:

- Two-Factor Authentication with a combination of a client certificate and username/password or Common Access Card (CAC)

- Cluster Shield that restricts access to a Nutanix cluster in security-conscious environments

- Data at Rest Encryption using self-encrypting drives

NUTANIX™
The Enterprise Cloud Company

NUTANIX HYPERCONVERGED INFRASTRUCTURE

Nutanix leverages web-scale engineering and a consumer-grade user-interface to natively converge compute, virtualization, and storage into a resilient, software-defined infrastructure that is predictable to scale, easy to deploy, and simple to manage.

Key Features:

- Full stack infrastructure & platform services
- One-click operations for increased simplicity
- True linear scale-out performance
- Application mobility
- 100% Software-defined
- Distributed everything to eliminate single points of failure and improve availability
- Self-healing system to ensure predictable performance
- API-Based automation and rich analytics

KLAS TELECOM VOYAGER HARDWARE

Klas Telecom's purpose-built Voyager tactical networking systems are ruggedized to military standards (MIL-STD- 810G), providing high volumes of capability in modular, scalable, and lightweight packages, many of which are listed on the DISA APL.

Key Features:

- VoyagerVMX Sled in an easily transportable, airline carry-on size Voyager 8 transit case and chassis
- Built-in UPS and power distribution
- 4 slots for compute modules, and 1 for a built-in 10 GbE switch
- Intel® Xeon® D-1541 8-core processor with 128 GB RAM, dual 10 GbE ports and dual SATA SSD interfaces
- Dual removable solid state hard disks with option to expand to four
- Removable configuration and storage with Voyager Ignition Key (VIK)

JOINT SOLUTION BENEFITS

Drastically reduced complexity, SWaP, and costs of legacy infrastructure

Maximized mission flexibility and effectiveness with 100% software-defined solutions

Cloud-like economics & agility in the field, with the security and predictability of on-premise solutions

Enables collection, storage, replication, and mirroring large volumes of data
such as mapping and imagery files

Ability to access required data and services without expensive or faulty bandwidth

Contains the only tactical 10-gig switch on the market

Ability to deploy enterprise-grade IT resources on demand, wherever they are needed

NUTANIX INDUSTRY CERTIFICATIONS AND COMPLIANCE

Nutanix systems meet a broad set of certification requirements to ensure compliance with the strictest standards.

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