



Klas Telecom Voyager Tactical Data Center 2.0

Organizations operating in tactical environments demand infrastructure that transcends the walls of the data-center 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 (TDC) system – with more storage per cubic inch than any other offering in the market, whether tactical or enterprise. Powered by the Nutanix Enterprise Cloud Platform, the Voyager TDC’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 compute and data storage networks to the edge in a single, airline carry-on-size rollaway case.

Together, Klas Telecom and Nutanix offers new mobile, remote, and tactical data-center capabilities for defense, education, energy, first responder, and healthcare entities, or anywhere organizations require edge-deployed IT infrastructure.



VOYAGER
TACTICAL DATA CENTER

System Components

- Voyager 8 transit case with integrated chassis and UPS
- Voyager TDC Sled
- 4 x Voyager TDC Blade
- Voyager TDC Switch Voyager TDC 2.0

Physical Specifications

- 22" W x 14" D x 9" H (559 mm x 356 mm x 229 mm)
- 56.6 lb/25.7 kg (without batteries)
- 63 lb/28.5 kg (with standard BB-2590 batteries. Lower capacity BB-2590 batteries available for IATA compliance).

KLAS TELECOM VOYAGER TACTICAL DATA CENTER 2.0

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.

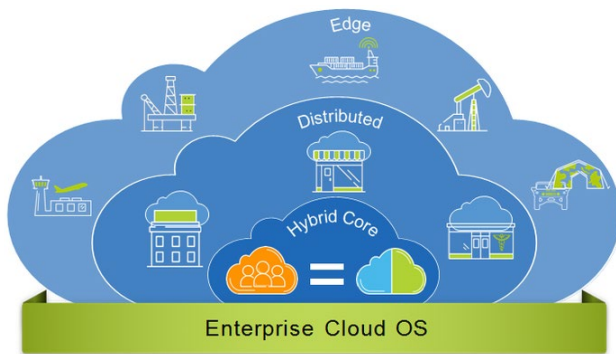
Key Features:

- NVMe M.2 PCI Express slot available on each Voyager TDC Blade
- Up to 16 x 2.5" SATA SSDs per Voyager TDC 2.0 system
- Intel® Xeon® D processing with a total of 512 GB RAM and 32 physical cores per Voyager TDC 2.0 system
- One 12-port 10 Gbps uncontented switch
- Airline carry-on form factor measuring just 22" x 14" x 9" with built-in UPS
- Removable configuration and storage with Voyager Ignition Keys (VIK) on each Voyager TDC Blade and Voyager TDC Switch



EXTEND ENTERPRISE CLOUD TO THE EDGE

Nutanix software helps eliminate IT infrastructure cost, complexity and the need for specialized personnel in remote and edge sites, and security-focused virtual appliances on a single, hyperconvergence-based platform. Nutanix provides flexible cluster configurations for all common ROBO environments: Micro (1 Node), Small/Medium (2 Nodes) and Large (3 Nodes and more). These options provide a consistent experience across all deployments and are centrally managed via Nutanix Prism.



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
- Self-healing capabilities with rapid fault isolation and resolution using built-in diagnostics and intelligence.

NUTANIX INDUSTRY CERTIFICATIONS AND COMPLIANCE

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



NUTANIX
YOUR ENTERPRISE CLOUD

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Turnkey Cloud Stack

Complete IT infrastructure with a 100% software defined solution integrating all compute, storage and virtualization resources.

Web-Scale Infrastructure

Distributed, resilient, predictable and 100% software-defined.

One-click Simplicity

Reduce complex IT tasks to a single click, lessen dependence on IT specialists, and return the focus back to the mission.

Out-of-the-box Deployment

Deliver infrastructure in record time. Deploy all mission critical applications, enterprise workloads and virtual desktops in hours, not days.

Automate Application Management

Automate common IT tasks and give forward-operators on-demand IT services.

Lower Space, Weight, & Power (SWaP)

Drastically reduce IT costs & physical footprint of tactical data center operations.

Hybrid Cloud

Leverage public and private cloud operations with unified management of IT infrastructure and applications.

Mission Continuity & Always-On Infrastructure

Built-in data protection with integrated VM-centric backups and remote replication capabilities ensure availability of apps and data between and central datacenters and forward-operating posts.

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