

VOYAGER

Modernizing Command and Control (C2) with TrueTactical™ Technology

Klas' Voyager technologies are engineered rugged, low SWaP and with an open system architecture to enable seamless integration, data sharing across platforms and echelons, and endless possibilities for evolution as next generation technology becomes available.

We call this TrueTactical™.

TrueTactical Technology for C2 Fix and C2 Next

TrueTactical is *the* standard to support critical Army modernization efforts of improving command and control infrastructure and communications across all levels. It includes;

Cross-Platform Integration for Seamless, Multi-domain Operations

Integration of tactical radios, sensors, and data sources to provide a unified common operating picture (COP), ensuring interoperability across Government units and agencies.

Beyond Line-of-Sight (BLOS) Connectivity

Reliable data transmission, even in environments with limited line-of-sight or disrupted networks.

Rugged and Deployable Design

Faster deployments with roll-on/roll-off battery backed chassis and transit cases.

Scalability & Modularity

An open system architecture (OSA) for ease of scaling vertically to meet any mission requirement.

Cybersecurity

Robust security protocols to safeguard sensitive data, and protect against cyber threats.



Figure 1: Voyager's flexibility and modularity allows radio, compute and baseband based solutions to be created from common modules.

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Containerisation at the Edge

With VoyagerVM 4.0 and optional Nvidia GPU expansion modules, go further and lighter with C2 intelligence enablement. Leverage containerized applications running on Keel for highly optimized and reliable C2 operations while on the move — on foot, in-vehicle, or when power is unreliable.

More Details

www.klasgroup.com/products-gov/voyagervm-4-0/

Battalion Wide Communications

Modernize Battalion wide communications with Voyager TRIK™. Support person-to-person and person-to-machine comms over traditional radio, firewalled wired and wireless networks including cellular connectivity.

More Details

www.klasgroup.com/government/solutions-trik



Scaled Compute for Battalion Intelligence

Simplify C2 and intelligence enablement with VoyagerVM 4.0 modular compute, GPU and networking as one platform. Easily port and run applications from JWCC as virtualized machines running on any hyperconverged infrastructure (HCI) software stack.

More Details

www.klasgroup.com/products-gov/kortex-v/



Introducing GRRIP Capabilities to the T2C2 Program

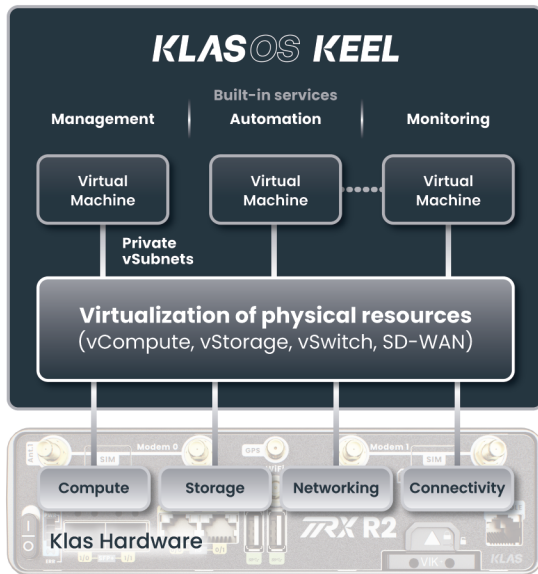
Pioneer Express and the Voyager DEK greatly simplifies the ability of the C2 to securely go anywhere. With Blackrock, be mission ready in seven minutes, with error-free CSfC provisioning that connects to secure network gateways anywhere.

More Details

www.klasgroup.com/products-gov/pioneer-express

KLASOS KEEL

Power Modern C2 Applications with a TrueTactical OS



KlasOS Keel is a lightweight linux based open source OS, with integrated KVM-based hypervisor, routing and virtualized switching, firewall, and SD-WAN capabilities, providing a secure virtualization environment on x86 compute platforms.

The integrated KVM-based hypervisor supports sharing of the module's physical resources of compute, storage, networking, connectivity and pass-through of serial peripherals e.g. USB, CAN, MVB to the hosted Virtual Machine.

Keel is NIAP Common Criteria Certified [CCEVS-VR-VID11436-2024], to meet the security standards for government deployments.

More Details

Keel functions and features - www.klasgroup.com/keel/



BLACKROCK

Automation for Rapid and Reconfigurable TrueTactical C2 Deployments at Scale



Blackrock is an Ansible IT automation service that integrates provisioning, monitoring, and update management as one system for secure and easier operational management of IT infrastructure at scale.

Blackrock can act as a standalone application, or alternatively it can be integrated as part of an automation solution with other 3rd party applications. For example, using Nautobot as an external inventory source and Git for source code management of projects.

The Blackrock API based on the OpenAPI 3 specification also allows Blackrock to be easily integrated with existing management infrastructure for secure remote management and updates of devices under management.

Be production ready
in a few mouse clicks



More Details

www.klasgroup.com/blackrock

Trusted and Repeatable TrueTactical C2 Deployments

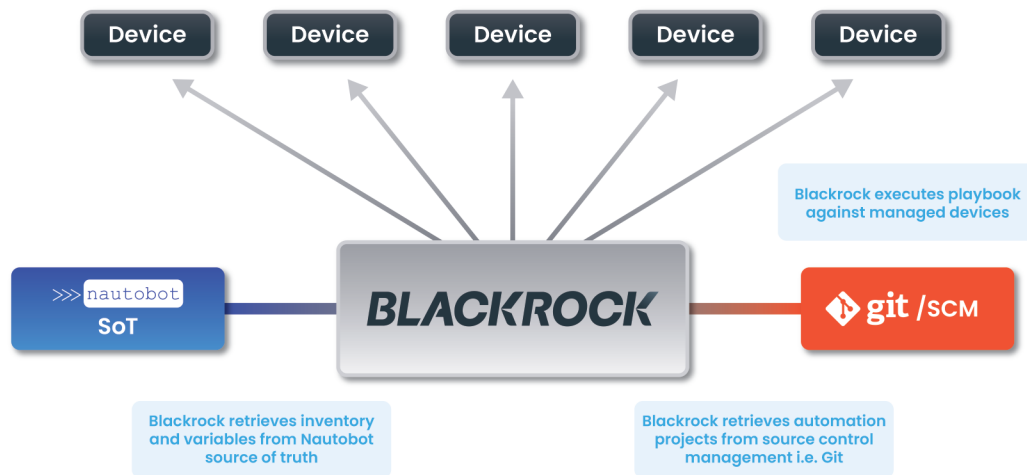


Figure 2: Blackrock provides seamless integration with trusted device inventory and change management systems

Simplify Tactical Edge device management at scale with a holistic solution of Blackrock Ansible automation, Nautobot source of truth (SoT) and Git maintained Ansible playbooks. Reduce and minimize human intervention when rolling out and maintaining secure and compliant IT infrastructure at the edge.

More Details www.klasgroup.com/Blackrock/Nautobot

Supporting DoD Modernization with Modular Solutions

Klas Government continues to modernize its offerings to meet evolving end-user requirements, working closely with PEO C3T on initiatives such as NGC2, C2 Fix, C2 Next, Tactical Radio Integration Kit (TRIK), Integrated Tactical Network (ITN), and Integrated Visual Augmentation System (IVAS).

Next Generation of AI Powered C2



VoyagerGPU 4.0 with Intel Xeon D Compute with Nvidia Ampere GPU.

More Details

www.klasgroup.com/products/voyagergpu-4-0/

Bridging the Gap for C2 Fix



Voyager TRIK-M seamless interoperability between old and new radios.

More Details

www.klasgroup.com/government/solutions-trik/

Go Anywhere Secure C2



Voyager DEK secure communications for rapid C2 deployments of small-teams.

More Details

www.klasgroup.com/products-gov/voyager-dek/

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For more information about
Klas or our solutions, visit:
www.klasgroup.com

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