

# Nutanix Tactical Platform

Nutanix Brings State of the Art Datacenter Capabilities to the Tactical Edge

## KEY TAKEAWAYS

### Ease of Use & Fast Deployment:

Stand up a tactical system in hours, not days.

### Common Framework:

Provides a common cloud platform and user experience whether at the tactical edge or the HQ datacenter.

### Simplicity:

Single pane-of-glass management brings order to chaos.

### High Availability And Resilience:

Zero points of failure and continuous redundancy. Always-on backup & recovery/failover. More resilient to lack of a graceful shutdown when operations need to be relocated quickly.

### Lean Solution:

Native hypervisor and full infrastructure stack. No need for bolting ad hoc components from various vendors to make it tactical. It is tactical and agile by design.

“Hyperconverged Infrastructure provides cost benefits to the Corps that help us continue to be good stewards of taxpayer dollars. It collapses layers for computing, storage and networking, and creates an environment where we can dynamically provide capacity when and where it is needed across the enterprise.”

- Lt. Col. Dale Webster USMC, HQ

## TACTICAL CAPABILITIES WITHOUT COMPROMISE

Too often, the unique requirements for tactical systems force hard choices on what can be sacrificed to deliver mission capabilities in remote, mobile, and often harsh conditions.

Partnering with leading providers of ruggedized hardware, Nutanix delivers tactical edge computing **without compromise** - powered by its industry leading Hyperconverged Infrastructure (HCI) software, the Nutanix Enterprise Cloud. Field operators are able to harness the same enterprise-grade performance, resilience, and management simplicity seen in thousands of modern datacenters - at the tactical edge.



### Out-of-the-box Deployment

Deliver all mission-critical application, enterprise workload, and virtual desktop in hours, not days.



### Lower Space, Weight, and Power

Drastically reduce the IT cost and physical footprint of tactical data center operations days.



### One-click Simplicity

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



### Unprecedented Flexibility

Easily scale up or down to meet mission requirements.

## VIRTUALIZED AND CONTAINERIZED APPLICATIONS IN ONE PLATFORM

Virtualization no longer needs to be a distinct layer of the IT stack that has to be licensed, deployed, and managed separately. Nutanix AHV is native, enterprise-grade virtualization, based on hardened Kernel-based Virtual Machine (KVM). Karbon is Nutanix's enterprise Kubernetes management solution that enables turnkey provisioning, operations, and lifecycle management of Kubernetes. Unlike other Kubernetes solutions, Karbon integrates seamlessly with the entire Nutanix cloud-native stack, and dramatically simplifies Kubernetes. AHV and Karbon are included with the Nutanix Enterprise Cloud OS.

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## POWER FIELD-READY APPS WITH NUTANIX CALM

Enable field operators to harness enterprise-grade features in theater, and support the mission with application automation and lifecycle management capabilities that span multicloud environments. Calm builds on a proven webscale software platform to make the entire IT infrastructure more agile and application centric—and to enable rapid application delivery in the field.

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## BUSINESS VALUE HIGHLIGHTS

477% five-year ROI

62% lower five-year cost of operations

82% faster deployment, storage

5.6% higher gross productivity, VDI users

85% less unplanned downtime

72% more data backups

58% more efficient IT infrastructure management

38% lower cost of IT infrastructure

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## SECURE AND RESILIENT



### Self-healing Capabilities

Enjoy rapid fault isolation and resolution using built-in diagnostics and intelligence.



### Data at Rest Encryption

Benefit from self-encrypting drives or software-only encryption as you protect all your data.



### Cluster Shield

Restrict access to a Nutanix cluster in security conscious environments.



### Two-Factor Authentication

Leverage a combination of a client certificate and username/password or Common Access Card (CAC)

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## NUTANIX INDUSTRY CERTIFICATIONS AND COMPLIANCE

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



FIPS 140-2  
Compliant



NIST-SP800-131A  
Compliant



NSA Suite B  
Support



Section 508 VPAT  
Compliant



TAA  
Compliant



ISO 27001, 27017,  
27018, 2800

Nutanix is committed to support IT needs across all levels of government. For more information, please visit [www.nutanix.com](http://www.nutanix.com), or call us toll-free at (855)-NUTANIX.



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