

RGS Virtualization

A better way to run VMs, purpose-built for government.

Legacy platforms were built for a different time and a different mission. Today, agencies face inflated costs, rigid architectures, and limited options for modern infrastructure.

RGS Virtualization offers a smarter alternative.

This integrated solution combines RGS HCI, RGS Manager, and RGS Storage into a single subscription designed to replace aging virtualization platforms with a secure, scalable, and cloud-native foundation.

Built on hardened versions of Harvester, Rancher, and Longhorn, RGS Virtualization helps agencies reduce overhead, stay mission-aligned, and meet compliance standards from day one.

The Smarter Virtualization Choice



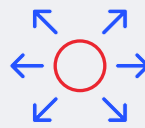
Migrate on your terms

Lift and run your current workloads without replatforming. No rip-and-replace. No surprises. Just modern infrastructure deployed your way.



Hardened by default

Full stack hardening, out-of-the-box compliant builds, secure image registry, and full software attestation are built in by design.



Flexibility without lock-in

Built on open standards, RGS HCI runs on diverse hardware to protect your current and future investments.



Efficient Modernization

Purpose-built for virtual workloads, RGS HCI delivers secure, cloud-native virtualization to replace legacy infrastructure while preserving future flexibility.

Secured From the Ground Up

RGS Virtualization is secured end-to-end by Rancher Government Carbide™, a hardened software supply chain, compliance, and lifecycle management engine that protects the entire stack.

Carbide ensures every component—RGS HCI, RGS Manager, and RGS Storage—is delivered in a fully hardened, verifiably secure state.

- Secure-by-default build process aligned with CISA guidance and Zero Trust principles
- STIGATRON, an automated compliance engine for continuous DISA STIG monitoring and enforcement
- Verified Registry to validate and protect all software artifacts
- FIPS and STIG readiness across OS, Kubernetes, hypervisor, and control plane

Three Technologies, One Trusted Solution

RGS HCI

Built on Harvester Government, the RGS-enhanced version of Harvester, and secured with Rancher Government Carbide™, RGS HCI is a hyperconverged infrastructure solution that supports traditional virtualization and cloud-native workloads—without locking you into proprietary systems.

- Layer 1 hypervisor optimized for bare metal
- FIPS and DISA STIG compliance from day one
- VM and Kubernetes workload support
- Air gap-ready and deployable in disconnected or edge environments
- Hardware agnostic for flexible deployment

RGS Manager

The most widely adopted multi-cluster Kubernetes manager, Rancher, now hardened for government use. Centralized management that brings visibility and policy control to mixed environments.

- DISA STIG-validated
- Unified management of VMs, Kubernetes clusters, and hybrid workloads
- Consistent operations across datacenter, cloud, and edge
- Integrated authentication, RBAC, policy control, and auditing
- Built-in tools for monitoring, automation, and compliance

RGS Storage

Built on Longhorn, this distributed, Kubernetes-native block storage platform provides reliable availability and built-in disaster recovery. Straightforward to deploy, easy to manage, and ready for mission use.

- Cloud-native persistent block storage that runs anywhere
- Storage agnostic—compatible with any ext4 filesystem
- NFS and S3 support for backup workflows
- Fast, one-click deployment via Rancher UI

The New Virtualization Reality

Federal IT leaders need alternatives to aging hypervisors. But most options compromise on compliance, delay cloud-native adoption, or increase costs through complex licensing models. RGS Virtualization avoids all three.

With a single bundle, federal programs can reduce operational costs, simplify their tech stack, and gain a future-ready foundation already trusted by defense and civilian agencies.



The Government-First Advantage

- Built-in compliance and hardened supply chain security
- Core-based pricing without license lock-in
- Purpose-built for disconnected, edge, and classified environments



Included in Every Subscription

- 24/7/365 U.S.-based support from security-cleared engineers
- Enterprise software lifecycle, tailored for federal use
- Training and consulting to help teams expand capability and capacity
- Influence on product roadmap through direct engagement with RGS

Run what you need today. Move where you want tomorrow. Stay secure the entire way.

Request a demo or connect with us at info@ranchergovernment.com.