Rancher Government Solutions

# RGS Kubernetes Engine

Secure, compliant Kubernetes that goes where others can't.

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Most Kubernetes solutions were built for hyperscalers, not for government and defense teams pushing compute to the tactical edge or managing mixed environments under strict compliance rules. These solutions are simply too heavy, rigid, and expensive for what they deliver for government missions.

### RGS Kubernetes offers something competitors said could not be done.

Built on hardened versions of RKE2 and K3s, and paired with SUSE Linux Micro, this bundle delivers a lightweight, compliant, and cost-effective Kubernetes built for mission-critical environments. Deploy it in air-gapped sites, on low-power hardware, or across hybrid infrastructure. It installs fast, locks nothing in, and checks every compliance box from day one.

**No excess. No lock-in. No excuses.**

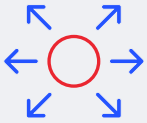
## Designed for the Edges No One Else Reaches

**Built for Lean Deployments**

Run secure clusters where others can't, whether a Raspberry Pi in the field or a virtual core in the cloud.

**Secure by Design**

Security is integrated throughout development and delivery to ensure our enterprise open source technologies meet U.S. Government requirements.



**Grow on Your Terms**

Start small, scale big. Expand as mission needs change, without the cost and feature bloat of traditional platforms.

**No Lock-in or Surprise**

Run it your way: bare metal, virtualized, air-gapped, or hybrid cloud. No vendor dependencies, forced OS, or runtime.

## Secured From the Ground Up

RGS Kubernetes Engine 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 delivers every component in a fully hardened, verifiably secure state.

- Secure-by-default build process aligned with CISA guidance and Zero Trust principles
- Verified Registry to validate and protect all software artifacts
- FIPS and STIG readiness across OS and Kubernetes

# Components to Outperform the Status Quo

## RKE2

The only STIG-validated Kubernetes distribution designed for the Department of Defense and the Intelligence Community. RKE2 delivers a secure, easy-to-manage Kubernetes engine.

- DISA STIG validated and FIPS 140-3 certified
- Easy install with CIS benchmark-aligned defaults
- No dependency on Docker or proprietary OS

## K3s

A certified Kubernetes distribution optimized for the edge. K3s is the government's go-to option for lightweight, high-availability workloads in disconnected or remote environments.

- Single binary under 40MB
- ARM-optimized with binaries and multi-architecture support
- Ideal for unattended or air-gapped use cases

## SUSE Linux Micro

An immutable OS built for containers and zero-trust environments. Lightweight, reliable, and secure, this Linux host simplifies container operations across the mission space.

- Designed for edge and perimeter computing
- Live patching and transactional updates
- FIPS 140-3 validated with STIG compliance
- Minimal footprint with near-zero maintenance

### 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

# What they said was impossible is already running in the field.

RGS Kubernetes Engine challenges the limitations others have accepted. It delivers hardened, compliant Kubernetes to environments others overlook—without the burden of excess cost, complexity, or vendor lock-in.

Lightweight, secure, and ready for mission-critical operations from day one.

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