

# Run Kubernetes Everywhere

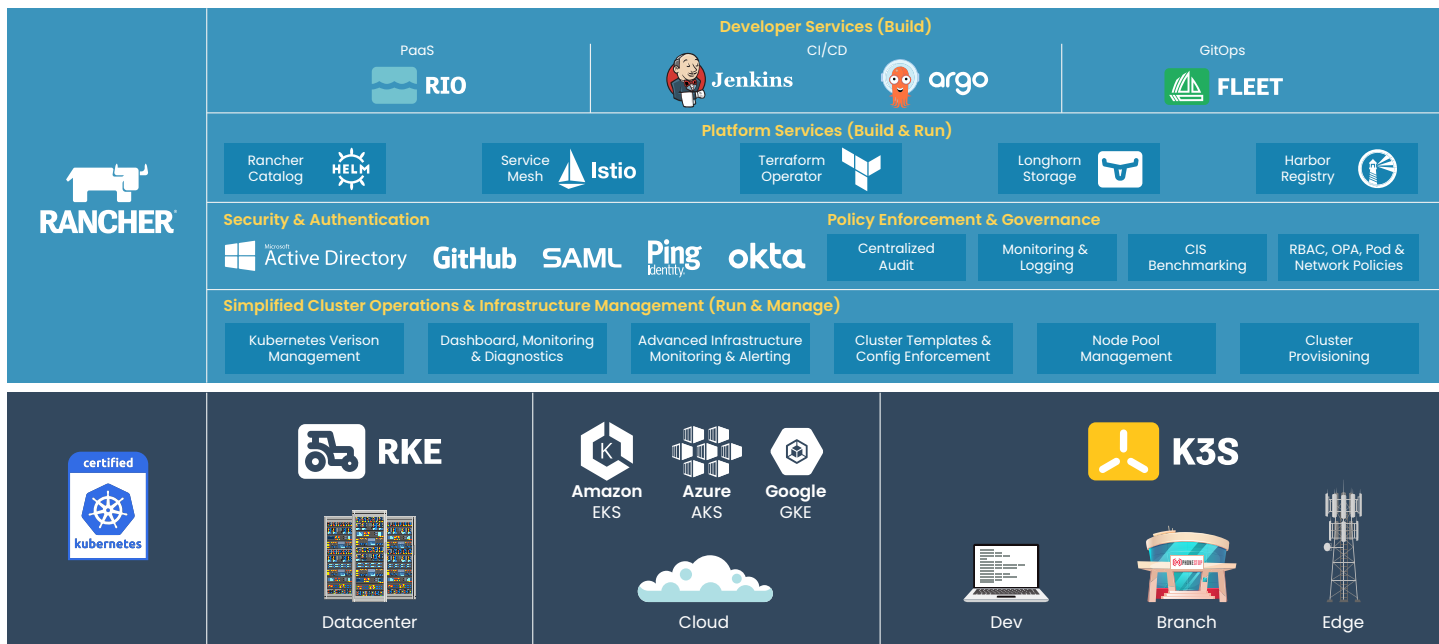
## Enterprise Kubernetes Management

Rancher is an open-source enterprise Kubernetes management platform that helps ITOps address the operational and security challenges of managing certified Kubernetes clusters from the core, cloud and at the edge. It also provides DevOps teams with integrated tools for building and running containerized workloads at scale.

IT OPERATIONS	DEVOPS
Cluster-as-a-Service	Continuous Delivery
Namespace-as-a-Service	Canary, Blue/Green Deployments
Store Capacity	Reactive Autoscaling
Delegate Administration	Automate DNS & Load Balancing
Apply Access & Security Policies	SSL, Certs & Secret Management

# From data center to cloud to edge,

Rancher is your complete enterprise computing platform to run  
Kubernetes at scale



## The Rancher Enterprise Subscription

### Onboarding services

Customer success led three phase onboarding plan

### Consulting services






Accelerate training, architecture and implementation

### 24x7 global support

Comprehensive technical support across Rancher

# Full Lifecycle Management of Amazon EKS Clusters

How Rancher 2.5 enhances native EKS clusters

Lifecycle Management	Features Required	EKS with Rancher 2.5	EKS only
 <b>Configure &amp; Provision</b>	Enterprise Kubernetes Management	Provision new clusters through Rancher GUI/API Enhanced EKS cluster import	AWS Console; 3rd party tools
 <b>Manage</b>	Infrastructure Management	Enhanced configuration of underlying infrastructure	AWS Console
	Visualize Kubernetes Resources	New Rancher dashboard explores all Kubernetes resources	Kubectl; 3rd party tools
	Integrated Monitoring & Logging	Enhanced Monitoring [Prometheus] Enhanced Logging [Fluentbit / Fluentd]	Manual install
	Simplified Service Mesh	Rancher supported Istio 1.6	Manual
 <b>Secure</b>	Centralized Tooling and Visibility	Centralized RBAC policy definition Centralized Auth CIS Scanning OPA Gatekeeper	Kubernetes native
 <b>Upgrades</b>	Push-button Kubernetes upgrades	Rancher GUI/API upgrades of created and imported clusters	AWS Console; 3rd party tools
 <b>Apps</b>	Easy access to CNCF tools and 3rd party apps	Rancher Certified packages Custom Rancher Catalogs Helm Kubectl	Helm; Kubectl

## Hosted Rancher

Want us to look after Rancher while you focus on your downstream Kubernetes operations? Hosted Rancher supports our customer's on-premises and cloud-based infrastructure including EKS, AKS and GKE. To maximize scale-out and security, we've built Hosted Rancher using our proven reference architecture.



Free up your teams to focus on  
Day 2 cluster operations



Stress-free upgrades,  
security patches & backups



Enterprise assurance with our  
99.9% uptime SLA



Maintain full visibility & control  
of your clusters



Remote monitoring  
and log management



Built using our  
reference architecture



Streamline your  
release pipeline



Business continuity for critical  
infrastructure and applications



Lowest TCO helps you build a business  
case for Kubernetes

## What industry analysts say...

"Rancher excels with robust multi-cloud orchestration and security...and...is best for firms seeking an open source, cross-cloud Kubernetes control plane."

**FORRESTER®**

## What our customers say...



"Using Rancher increases our efficiency and allows our engineering teams to focus on creating the next great product innovations that will help Sling TV provide a better experience for our customers."

**Brad Linder**  
Director, Cloud Engineering



**IHME**

"Using Rancher, we're able to get our deployment bottlenecks out of the way and that means we get our science done quicker."

**Andrew Erns**  
Operations Manager



"When we started using Rancher, what really stood out was the ease of use for the developers. We could, within an hour, actually have development teams be completely independent."

**Cola Calintaru**  
Enterprise Architect

## Rancher's Open Source Products



### KUBERNETES MANAGEMENT PLATFORM

**Rancher** centralizes the management of any Kubernetes cluster in order to maximize security and accelerate transformation. Rancher is a Kubernetes Management Platform built to address the needs of both the DevOps teams deploying applications with Kubernetes and the IT staff responsible for delivering an enterprise-critical service.



**RKE**

### CERTIFIED KUBERNETES DISTRIBUTIONS

**Rancher Kubernetes Engine (RKE)** is a lightweight Kubernetes installer that supports installation on bare-metal and virtualized servers. RKE solves a common issue in the Kubernetes community: installation complexity. With RKE, Kubernetes installation is simplified, regardless of what operating systems and platforms you're running.



**K3S**

### LIGHTWEIGHT KUBERNETES

**K3s** is a CNCF Sandbox project and Certified Kubernetes distribution designed for production workloads in unattended, resource-constrained, remote locations or inside IoT appliances. Easy to install, the K3s binary is less than 40 MB, and it requires only 512 MB of RAM to run Kubernetes. Both ARM64 and ARMv7 are supported with binaries and multiarch images available for both.



**LONGHORN**

### PERSISTENT BLOCK STORAGE

**Longhorn** is a lightweight, reliable, and powerful distributed block storage system for Kubernetes. Now a CNCF Sandboxed project, it creates a dedicated storage controller for each block device volume and synchronously replicates the volume across multiple replicas stored on multiple nodes. The storage controller and replicas are also orchestrated using Kubernetes.

**INTERESTED IN LEARNING MORE?**  
**VISIT [RANCHER.COM](https://rancher.com) OR CONTACT US AT [SALES@RANCHER.COM](mailto:sales@rancher.com)**

