US Signal OpenCloud®

designed for performance, security, and flexibility

US Signal OpenCloud® is an Infrastructure-as-a-Service platform that revolutionizes the cloud hosting market by providing the performance, cost certainty, security, and flexible consumption that customers demand to run their critical enterprise workloads. Unlike traditional private clouds, OpenCloud® leverages the powerful open-source software system Apache CloudStack. OpenCloud® delivers a public cloud feel with private cloud control, free from the limitations of traditional virtualization technologies.

Technical Overview

Built on enterprise-grade hardware from industry leaders such as Dell, Arista, and Infinidat, OpenCloud® utilizes Apache CloudStack to provide a resilient and scalable infrastructure, supporting both virtual servers and containerized applications through Kubernetes.

This platform is uniquely positioned to facilitate seamless repatriation of workloads from public clouds, catering specifically to laggard cloud consumers and those developing next-generation applications in AI and SaaS.

With a pricing model that can be up to 40% lower than comparable services from AWS and Azure, OpenCloud® operates under a market rate framework, ensuring competitive discounts tailored to customer requirements.

By fostering an open ecosystem, OpenCloud® empowers organizations to transcend traditional vendor lock-in, ensuring agility and innovation while protecting against unpredictable price hikes and restrictive R&D roadmaps.

At-A-Glance:

- Flexible Consumption Options
- Multi-Tenant Capable
- Single-Tenant Capable
- Self-Service Provisioning
- Predictable Cost Structure
- Included US-based support
- Multi-Hypervisor Support
- N+1 Infrastructure
- Data Protection Integration * East & West National Coverage (MI05 Detroit and C001 Denver Data Centers)

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Accelerate Your ROI

Accelerating your Return on Investment (ROI) is crucial. OpenCloud® offers scalable cloud computing solutions that help you reduce day-to-day operational burdens and realize significant cost savings. Our platform ensures you spend less time managing infrastructure and more time focusing on your core business.

Enhanced Flexibility

Scale business resources up or down as needed with our highly flexible cloud solution. Whether your customers are expanding rapidly or need to streamline, OpenCloud® adapts to your requirements with cross-browser support. Enjoy the freedom to adjust operations without compromising on performance or reliability.

Cut Operations Costs

Cost-efficiency is at the heart of OpenCloud®. By automating operations and optimizing resource allocation, we help you cut operational costs while maximizing output. Our platform empowers you to do more with less, ensuring sustainable growth and profitability.

24/7/365 Support

We understand the importance of uninterrupted service. That's why OpenCloud® offers round-the-clock support to ensure your operations run smoothly. Leverage managed and professional services delivered by local experts who are at your service 24/7/365.

Automate Operations

Say goodbye to manual processes that drain time and resources. With OpenCloud®, you can automate routine operations to enhance productivity and improve accuracy. Our advanced automation tools streamline workflows, allowing you to focus on strategic initiatives.

Reduce Security and Compliance Risk

Security and compliance are non-negotiable in today's digital world. OpenCloud® provides robust security measures and compliance support to minimize risks. Protect your data and ensure regulatory compliance with our cutting-edge solutions.

SyncSafe Replication

SyncSafe Replication is fully integrated into the OpenCloud® ecosystem. It simplifies the way you migrate and protect workloads by using agent based technology that replicates at the operating system layer. You can move from nearly any source, support mixed environments, and recover quickly if something goes wrong.

Use SyncSafe to:

- Protect workloads with continuous replication
- Migrate servers into OpenCloud® with less complexity
- Keep hybrid environments synchronized
- Increase resilience with a simple, unified approach

Desktop as a Service (DaaS)

OpenCloud® DaaS delivers secure virtual desktops that users can access from anywhere. It is ideal for organizations that need consistent performance, simplified device management, or stronger endpoint security.

Ideal for:

- Remote and hybrid teams
- Contractors or seasonal users
- Organizations with strict compliance needs
- Reducing device maintenance and refresh cycles

ARM Compute

OpenCloud® ARM Compute extends the OpenCloud® platform with high-efficiency Ampere-based processors optimized for AI inference, Small Language Models (SLMs), and high-throughput application workloads. With consistent performance, exceptional performance-per-watt, and true consumption-based flexibility, ARM instances give organizations a smarter way to experiment, scale, and control costs as AI initiatives evolve.

Use OpenCloud® ARM Compute to:

- Run AI inference and SLM workloads without the cost of GPUs
- Deliver predictable performance under high utilization
- Reduce power consumption with industry-leading efficiency
- Scale on demand with pay-for-what-you-use cloud flexibility