

IT INFRASTRUCTURE AND CLOUD SOLUTIONS

for Commercial Industries



THE MULTI-CLOUD, HYBRID CLOUD FUTURE IS HERE

Rapid changes in infrastructure and cloud technologies have revolutionized how businesses of all sizes purchase, deploy, and manage their information technology assets. Unfortunately, most commercial networks and public clouds are not optimized to meet the unique needs of enterprises in financial services, banking, health care, critical infrastructure, and other highly regulated industries. These organizations must satisfy the most stringent requirements for security and compliance to protect personally-identifiable information (PII), financial data, electronic health records (EHRs), and other sensitive assets.

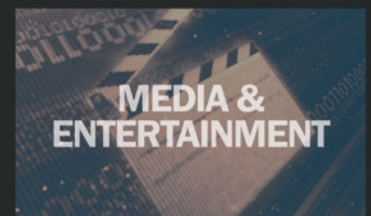
As their hybrid cloud and multi-cloud strategies evolve over time, issues of cost predictability, vendor lock-in, network performance, and lack of control over their data have many businesses seeking alternatives to large public clouds to achieve greater flexibility without sacrificing core requirements.

SECURE SENSITIVE DATA WHILE REDUCING COSTS

As an infrastructure service provider with its own open source cloud, ORock® Technologies delivers enterprise-grade solutions that enable secure data operations while controlling costs, minimizing vendor lock-in, supporting your compliance requirements, and enabling migration of applications and workloads to the cloud.

ORock operates a private, high-performance fiber optic backbone network and built its own enterprise-grade cloud using open source technologies and a flat-rate billing model. ORock solutions complement your existing hyperscale cloud deployments and on-premises infrastructure. They provide hybrid cloud and multi-cloud solutions for sensitive workloads that require superior security, performance, cost predictability, and control.

Built Specifically for Organizations in:



THE OROCK TECHNOLOGIES DIFFERENCE



SECURITY Protect Sensitive Data

ORock's infrastructure and cloud environments feature 325+ security controls, FIPS 140-2 dual-factor authentication, and a private, encrypted fiber optic backbone network that operates outside DDoS attacks to minimize the risk of breaches. Housed within SOC 2 Type II data centers, ORock environments utilize Red Hat's Security Enhanced Linux operating system as well as the world's most secure servers from HPE, backed by a secure supply chain and unique firmware protections that place cybersecurity controls right into the silicon. Our IaaS and PaaS offerings satisfy the most rigorous commercial compliance requirements, including HIPAA, HITECH, and PCI DSS, as well as Federal Government standards such as FedRAMP Moderate, the DoD Security Requirements Guide (SRG), NIST 800-53, and FISMA.



PRIVATE NETWORK Accelerate Performance

ORock designed its private, carrier-grade network for secure data operations and controls it from the physical network to the software-defined network and application layer. This fiber optic backbone interconnects multiple homogenous nodes with dedicated Layer 2 connectivity between all Points of Presence (PoPs), redundant dark fiber paths at each PoP, and no upstream CSP for superior performance. Terminating directly in ORock cages, the network delivers faster, more secure, and more reliable data transport for high quality service that avoids packet loss, latency, and jitter. It is directly on-net at Layer 2 to major telcos and hyperscale clouds to support your hybrid and multi-cloud strategies.



OPEN SOURCE Minimize Vendor Lock-In

ORock's enterprise-grade open source cloud environments help you avoid the risks of vendor lock-in that are common with hyperscale CSPs and proprietary application providers. Our clouds are built with open source tools that are fully supported and hardened by Red Hat, including Red Hat Security Enhanced Linux, Red Hat OpenStack Platform, and Red Hat OpenShift Container Platform. You'll benefit from the flexibility, modularity, and interoperability of open source software and capitalize on the continued innovation, transparency, testing, and development driven by numerous open source communities.



HPE BUSINESS PARTNER

As an HPE Business Partner, ORock utilizes products and services from HPE and its subsidiaries, including HPE servers and storage devices, Aruba networking solutions, and HPE PointNext Services. Through its unique relationship with HPE, ORock is able to quickly scale capacity, offer flexible hardware options to customers, refresh environments frequently with the latest technologies, and maintain competitive pricing. Unlike proprietary "white box" hardware used by hyperscale CSPs, HPE hardware is considered among the most secure available and is backed by HPE's Silicon Root of Trust (SROT) and Supply Chain Responsibility (SCR) program.

THE OROCK TECHNOLOGIES DIFFERENCE



PREDICTABLE COST No Data Egress Fees

It's difficult to keep your cloud costs in line when you can't predict how much data you will move – or what that movement will cost. The data egress fees charged by hyperscale CSPs often result in budget overruns, force you to limit your data usage, and prevent you from migrating to other environments. ORock takes a different approach, offering a flat-rate pricing model with no additional cost for data ingress or egress. ORock also includes 95/5 burstable billing, enabling you to exceed your contracted Committed Information Rate up to 5 percent of the time with no penalty. The result is lower total cost of ownership, less billing complexity, and cost savings for your company.



WHITE-GLOVE SUPPORT U.S.-Based NOC and SOC

ORock protects its environments, manages its private network, monitors security, and supports customers through its Network Operations Center (NOC) and Security Operations Center (SOC). Based in the U.S. and staffed entirely by U.S. citizens, our NOC and SOC provide 24/7/365 support with a single point of contact for issue resolution, agility, and “white-glove service” to ensure your projects succeed. To protect the integrity of each customer environment and comply with regulatory guidelines, these services support the underlying infrastructure and platform services but do not perform monitoring or maintenance within a customer's environment. Baseline NOC and SOC services are included in all ORock solutions at no additional charge.



COMPLIANCE Built to Satisfy the Most Stringent Requirements

ORock solutions comply with the strict security and regulatory standards of the U.S. government and highly regulated industries, starting with our FedRAMP Moderate/DoD Impact Level 2 authorized cloud services as a baseline for all ORock solutions. ORock's compliance and security experts support your reporting requirements and ensure your data is protected at all times.



RED HAT
PARTNER CONNECT

Certified Cloud &
Service Provider
Program

RED HAT CERTIFIED CLOUD AND SERVICE PROVIDER (CCSP)

ORock's open source environments feature Red Hat Security Enhanced Linux, Red Hat OpenStack Platform, and Red Hat OpenShift Platform. As a Red Hat Premier CCSP, ORock satisfies the stringent business and technical requirements to run Red Hat solutions in the cloud. These solutions can be consumed in ORock's cloud environments with flexible access to on-demand subscriptions, including the ability to utilize your existing on-prem Red Hat subscriptions through the Red Hat Cloud Access program.

OROCK SOLUTIONS



Cloud Hosting and IaaS

ORockCloud, our secure, multi-tenant cloud environment, offers flexible and scalable compute, storage, networking, and Internet connectivity while helping you avoid vendor lock-in and control costs. OROck works closely with you to architect cloud environments that meet your specific requirements.



Affordable, Accessible Object Storage

ORock Freezer Storage provides secure, cloud-based object storage at a price that is comparable to archival storage while keeping your data immediately accessible. It utilizes next-generation storage technologies instead of slower tape-based solutions for excellent read/write capabilities and low latency. OROck's flat-rate billing model lets you access your data as needed without data transport fees.



Ransomware Recovery as a Service

ORock Ransomware Recovery as a Service (RRaaS) helps you recover quickly from a partial or full ransomware attack. RRaaS combines on-premises hardware and backup applications with a secure hybrid connection, cloud storage, out-of-band backups, and managed services to reduce your downtime and minimize losses to productivity and profitability.



Hybrid Cloud and Edge Computing Connectivity

ORock On-Premises to Cloud (OPC) integrates compute, storage, networking, and software to connect your remote office/branch office locations, data centers, and edge devices to your data and applications in the cloud. It enables secure, bi-directional data transfer with exceptional security and performance to enable a variety of hybrid cloud use cases.



Secure Container Platform for DevSecOps

ORock Secure Containers as a Service with Red Hat OpenShift enables the adoption of DevSecOps practices without incurring the cost and complexity of procuring, deploying, managing, and maintaining the underlying OpenShift container platform. This fully-managed, end-to-end Platform as a Service (PaaS) solution combines best-in-class security, infrastructure, cloud management, and Kubernetes container orchestration services.



Security Information & Event Management

ORock SIEM as a Service with IBM QRadar features the Gartner Market Leader in Security Information and Event Management (SIEM) delivered as Software as a Service (SaaS). This OpEx solution provides the comprehensive visibility you need to identify, investigate, and respond to security threats without the need to manage or maintain the underlying IBM QRadar application.



Dedicated IT Infrastructure

ORock Dedicated Infrastructure offerings include dedicated hardware racks, compute/processing capabilities, SSD and HDD storage, and private cloud deployments within secure, state-of-the-art data center facilities. Jumpstart your dedicated infrastructure security posture by leveraging many of OROck's existing security controls, flexible IT services, and support offerings.

BUSINESS PARTNERS

COALFIRE



WINDSTREAM
ENTERPRISE



Learn more about OROck's secure IT infrastructure and cloud solutions.

Contact us today at (571) 386-0201 or sales@orocktech.com.