

Improve cost savings and deliver workloads with security, performance, and compliance.

Right-sized solutions built on high performance, high compliance infrastructure. With individual access to deliver single pane visibility of your assets, you can scale with confidence. This multi-tenant model is easy to set up, highly reliable, and elastic. Only pay for what you use.

KEY BENEFITS

- **Lower costs** — up to **52% better performance than public cloud per dollar spent** and no need to purchase hardware or software. Pay only for the service you use. No service contract fees.
- **Less maintenance** — no need to dedicate valuable time and resources to system maintenance of infrastructure
- **Near-unlimited scalability** — scale on-demand in a HIPAA, PCI-DSS, and SSAE18 Type II Soc 2 certified solution
- **High reliability** — vast network of servers and availability zones built to MIL-SPEC ensures uptime and redundancy
- Enhanced support for backup and continuity strategies



As the need to deliver services anywhere securely increases, today's IT professionals are tasked with limited resources and increased need for reliable performance. Solutions need to protect valuable company data, meet latency and cost requirements, and ensure business continuity. Take advantage of the robust OpusCloud solution to deliver your organizations critical workloads where you need, when you need.

SOME WORKLOADS SIMPLY CAN'T GO DOWN. OPTIMIZE DELIVERY OF YOUR MISSION CRITICAL SOLUTIONS WITH RELIABILITY AND SECURITY.

OpusCloud solutions are tailored to meet the unique performance, compliance, and cost needs of your organization. Built on the very latest HPE equipment - selected for performance, efficiency, and reliability – and housed in world class data center facilities, we offer the best in security and performance for your mission critical workloads.

*Solutions built for performance,
backed by SLAs*



OPUSCLOUD DELIVERS BETTER PERFORMANCE AND HIGHER SECURITY AT LOWER COSTS.

By moving to the OpusCloud you get an enterprise-class infrastructure for a fraction of the cost. OpusCloud offers a predictable, low monthly fee, so you can remove underutilized server hardware in your infrastructure, drive down internal IT demands and expenses, and focus on business growth.

Launched in 2005, OpusCloud is a robust offering built on HPE's award winning server and storage hardware combined with VMware's compute, storage, and networking virtualization solutions. The OpusCloud is HIPAA, PCI-DSS, and SSAE18 Type II SOC2 compliant, and offers an architecture you can trust. OpusCloud is engineered from the ground up for high-performance, incredible flexibility, and extreme resilience - housed inside of state-of-the-art facilities.

What differentiates OpusCloud from Azure and AWS?

Much like AWS and Azure, OpusCloud is a multi tenant cloud solution. OpusCloud is available as single virtual machines (VMs), multiple VMs, or entire virtual data centers, giving you the flexibility to build and scale as needed.

OpusCloud offering differentiators:

- Tailored solutions that are right-sized to meet workload requirements
- HIPAA, PCI-DSS, and SSAE18 Type II SOC2 compliance at no added cost
- Control over availability zone at no additional cost
- Up to 52% better performance
- White glove customer service with no service contract fees - including fast response times and continuous availability that users need to do their jobs

To provide customers more visibility into how OpusCloud compares, Opus annually commissions a third-party to measure active workloads. The OpusCloud outperforms in nearly every category. Cloud Spectator has identified the primary drivers for Opus' strong performance as threefold:

1. Impressive CPU and Memory performance
2. Superb storage random read and write performance
3. Excellent Price-Performance results

	Azure	AWS	OpusCloud	Results
CPU Performance Price-performance per dollar (USD)	17	16	26	52% better CPU Performance
Storage Read Performance Price-performance per dollar (USD)	50	16	396	24x better than AWS
Storage Write Performance Price-performance per dollar (USD)	3	7	143	47x better than Azure
Multi-Core Score (CPU) Average	4,426	3,925	5,283	19% higher than Azure
Storage Read IOPs Average	16,169	3,118	26,126	60% more IOPs than AWS or Azure
Storage Write IOPs Average	354	2,066	10,549	500% more write IOPs than AWS
Network Performance Mb/s	1,887	1,435	23,907	12x more throughput than AWS and Azure

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Hewlett Packard Enterprise

Opus Interactive has been an HPE® Partner and VMware Partner since circa 2003.

For questions about the Cloud Spectator report, to request access to the full study, or if you have general inquiries about our products and services, please contact Opus Interactive at (503) 972-6677 or email sales@opusinteractive.com

Learn how Opus Interactive can help improve your performance.
Visit opusinteractive.com/IAASandOpusCloud or call us at 866-678-7955.

OpusCloud™ Technical Details

OpusCloud is provided as single virtual machines (VMs), multiple VMs, or entire virtual datacenters, giving you the flexibility to build out exactly the environment you need. You won't find locked-in processor/memory/storage configurations. You are free to allocate exactly the resources you need for each server, independently of one another.

Opus Interactive fully discloses the underlying hardware that makes up the OpusCloud.

Compute

The OpusCloud platform is built on the latest HPE® blade servers, running high-performance Intel® processors. Each blade is configured with multiple 20/40GB Network interfaces in an N+1 system that operates storage and connectivity.

HPE Blade systems are ENERGY STAR certified for efficiency and recognized as the worldwide leader in enterprise-class, high-density computing.

Storage

The heart of any cloud platform is the storage, and where Opus Interactive excels. We operate many clusters of very high-performance HPE storage arrays (HPE 3PAR, HPE Nimble and Datera), each configured with multiple redundant controllers and 15k SAS drives in a RAID 10 and Network RAID 10 configuration. We utilize adaptive optimization with SSDs for performance gains in our clusters to provide higher IOP performance for customers utilizing databases and VDI.

In addition to ENERGY STAR certification for energy efficiency, HPE storage is consistently rated as the leading storage provider in the enterprise market. Opus Interactive has been an HPE® Partner since circa 2003.

Licensing

Opus Interactive offers the full range of Microsoft Server software on a pay-as-you-go basis. We also offer the full range of VMware licensing for hardware that we manage. We provide licensing for Cisco, Veeam, TrendMicro, RedHat, PulseSecure Loadbalancer and KEMP Loadbalancer as a service to compliment all our OpusCloud offerings.

Network

Our MIL-SPEC multi-homed, Arista-built network has been designed from the ground up to be 100% resilient and fully scalable. Our core network is deployed in an N+N 10Gb/40Gb/100Gb configuration, which means failures of individual network components – routers, switches, or interconnects – will have zero impact on the availability or performance of the network and your associated services.

High Availability Features

Opus Interactive utilizes all enterprise VMware features, including VMotion and DRS to deliver 100% availability across the entire virtualized IT environment. *Our industry-leading service level agreement offers your money back if we fail to deliver 100% uptime.*

Physical Server Integration

At Opus Interactive, we live and breathe cloud, but we are equally aware there are times when a physical server or device is required. If you need your existing hardware to live out its depreciation cycle, we can help by offering seamless integration with our cloud platform to achieve the best of both worlds.

Colocation Integration

Located in world-class facilities, we offer flexible enterprise colocation from half cab to dedicated cages to allow you to integrate the OpusCloud into your hybrid ecosystem.

Monitoring Services

Opus Interactive offers a range of monitoring software solutions that keep you informed on how your network is operating. We even offer monitoring for Amazon AWS and Microsoft Azure cloud services for your deployments on their infrastructure, providing you availability, performance, and billing details over time.



About Opus Interactive

Founded in 1996, Opus Interactive has earned a reputation for complex hybrid cloud solutions that deliver compliance, performance, security, and cost. The Company operates from Tier III+ data centers located in Hillsboro, Portland, Dallas, and Northern Virginia.

With past performance that includes more than 25 years of proven results and solutions that meet PCI-DSS, HIPAA, and SSAE 18 Type II SOC 2 compliance standards, Opus specializes in helping customers reduce cost and optimize resources using right sized solutions and efficient operations.

- Hybrid and Multi-Cloud
- IaaS & OpusCloud
- Colocation
- DRaaS & Backup
- Monitoring
- Network

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