

Data Sheet

# Virtustream Enterprise Cloud

Built for the Enterprise

**vmware**<sup>®</sup>  
PARTNER

PREMIER  
CLOUD PROVIDER

## Virtustream Enterprise Cloud Infrastructure as a Service (IaaS) enables enterprise IT organizations to deliver mission-critical application services to their customers.

As a VMware premier cloud provider, Virtustream leverages VMware architecture for Virtustream Enterprise Cloud, assuring compatibility to all VMware enterprise customers that migrate their mission-critical applications to Virtustream Enterprise Cloud.

For those enterprises who currently have on-premises VMware environment, Virtustream Enterprise Cloud Connector for VMware vRealize Automation is a free downloadable plugin module from VMware Marketplace to integrate VMware private cloud with Virtustream Enterprise Cloud.

### Empowering the Business to Better Leverage IT

In today's global marketplace, nearly every business decision is also an IT decision. But IT organizations are struggling to find the right balance between maintaining mission-critical systems and implementing new innovation for the business. They need a way to improve the performance of existing applications, deploy new enterprise-class cloud-native applications, reduce overall IT costs, and gain a level of flexibility that can help differentiate their products and services.

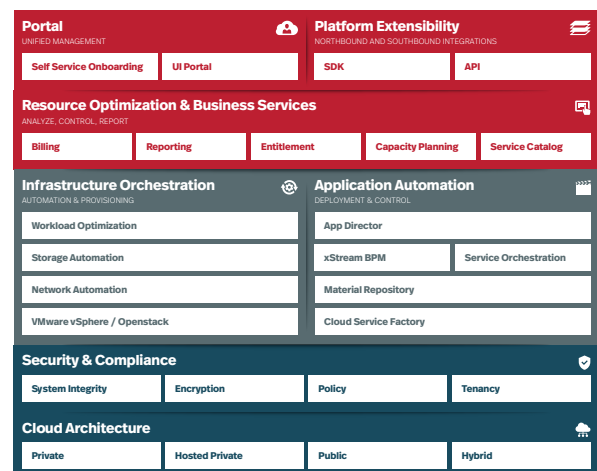
### Enterprise Cloud Computing

In recent years, enterprise IT organizations have adopted a "cloud first" strategy and turned to the cloud to improve business agility and competitive differentiation. Most cloud computing offerings in the market are only focused on low-cost, best-effort delivery, however. For many enterprise IT environments, this approach is not acceptable for the majority of their business-critical applications.

Virtustream Enterprise Cloud is different. It is the only cloud computing platform that delivers true enterprise cloud computing. Powered by Virtustream xStream, Virtustream Enterprise Cloud supports complex heterogeneous enterprise IT environments with mission-critical applications and workloads.

### Virtustream xStream Cloud Management Platform

Virtustream xStream Cloud Management Platform provides a unified, control plane that integrates infrastructure orchestration, enterprise application automation and a suite of business intelligence and service management tools to run mission-critical applications in private, public and hybrid clouds. This powerful combination allows for the delivery of enterprise IT as a service, with true consumption economics, service-level agreements, best-in-class security and compliance features and services to assist in the migration of mission-critical applications to the cloud. For most customers, this results in performance improvements of up to 30%, and cost-savings of 30-50% over legacy environments.



### True Consumption Economics

Only Virtustream offers true consumption economics. By using patented Virtustream MicroVM ( $\mu$ VM) technology, Virtustream Enterprise Cloud provides a single, unified metric for IT organizations to measure their usage of cloud computing resources, allowing enterprises to only pay for IT services they actually consume.

### Enterprise Security, Continuous Compliance

While all businesses are looking for greater flexibility from their IT investments, concern about cloud computing security continues to be a critical factor when looking for ways to solve business challenges. Virtustream Enterprise Cloud solves these concerns by integrating multi-level security and encryption to provide trusted application environments that are continuously monitored and comply with industry and government regulations. Virtustream allows businesses to be confident that their applications and data are secure and protected, regardless of where they are deployed.



## Professional and Managed Services

Too often, business-critical applications remain costly and stagnant because they do not appear to have a path forward. Virtustream offers a full range of professional and managed services to help businesses plan and migrate legacy applications to the cloud to improve performance, reduce costs and to take full advantage of the power of the cloud to deliver dynamic, scalable and agile IT. Virtustream cloud and managed services also enable mission-critical applications to take advantage of emerging technologies such as cloud-native application platforms (e.g. Pivotal Cloud Foundry) and Big Data analytics (e.g. SAP HANA, Hadoop).

## Virtustream Enterprise Cloud Features

### Availability and performance SLAs

- Dedicated and dynamic application resource pooling (compute, storage, network)
- Data center, application and infrastructure high availability

### Application and data security

- 2-factor authentication
- Intel TXT – trusted computing
- Isolated application zones
- Integrated GRC
- Continuous compliance monitoring

### Deployment flexibility

- Private cloud (on-premises)
- Virtual private cloud (cloud service provider)
- Public cloud (cloud service provider)
- Public and private cloud (hybrid)
- Trusted federated cloud exchange

### Application flexibility

- Business critical, production applications (ERP, CRM, HCM, SAP, Oracle, Microsoft, Healthcare ERM, Financials)
- Tier-2, Tier-3 applications
- Content management
- Unified communications and collaboration
- Enterprise test and development applications
- Mobile application development
- Big Data analytics
- Re-platform mainframes & AS400 migrations
- Re-platform RISC/UNIX applications
- Off-the-shelf software to SaaS delivery model conversations

## Reliability & Resiliency

- 99.5 to 99.999 SLAs
- Geographically dispersed data centers
- Dynamic high-availability compute, network, storage
- Geographically distributed backup service
- Integrated disaster recovery service

## Manageability

- Multi-tenant system administration
- Enterprise portal with role based access controls
- Application catalog and deployment orchestration
- Customer self-service portal
- Operations monitoring and reporting
- True consumption-based billing with Virtustream  $\mu$ VM
- Multi-level billing and chargeback

## Interoperability

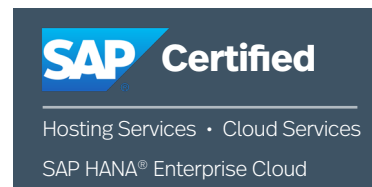
- VMware and OpenStack
- Windows, Linux OS
- Amazon EC2/S3-robust APIs

## Compliance certifications and authorizations

- FedRAMP
- NIST 800-53 (U.S. Government)
- ITAR/EAR (U.S. Government)
- CSA STAR (Cloud Security)
- FISMA (U.S. Government)
- SSAE16, ISAE3402, SOC2 (Audit)
- ISO27001-2013 and shared assessments (Service)
- HIPAA/HITECH (Healthcare)
- PCI 3.0 (E-commerce)

## Contact

For more information about Virtustream Enterprise Cloud, please contact us at [info@virtustream.com](mailto:info@virtustream.com) or visit us at [www.virtustream.com](http://www.virtustream.com).



### About Virtustream

Virtustream, a Dell Technologies Business, is the enterprise-class cloud service and software provider trusted by enterprises worldwide to migrate and run their mission-critical applications in the cloud. For enterprises, service providers and government agencies, Virtustream's xStream® Management Platform and Infrastructure-as-a-Service (IaaS) meets the security, compliance, performance, efficiency and consumption-based billing requirements of complex production applications in the cloud – whether private, public or hybrid.

