



xStream[®] Close Up

- Unique to Virtustream, designed and developed in-house with industry leading cloud IP
- Tuned to optimize ERP applications such as SAP, Oracle and Microsoft
- Built in automation based on client deployments over 10 years of integration
- Vendor agnostic with best of breed hardware and software
- Built in Quality of Service guaranteeing infrastructure resources on a client by client basis
- Accessed and managed via xStream's self service personalized portal
- Available as dedicated or shared platform, managed or unmanaged

The Virtustream Difference

- Invented and operationalized the first hypervisor-agnostic, consumption-based cloud provisioning software capable of running mission critical backoffice applications in production
- Developed a scalable on-premise Private Cloud Appliance
- Pioneered the delivery of Private Clouds within a Multi-tenant environment, providing the security and performance attributes of a private cloud, with the elasticity and economics of a public cloud
- Developed an award winning cloud adoption methodology
- The 7th SAP Certified Cloud Provider worldwide
- Own and operate data centers in the US & UK

Cloud Solutions for Designed for Federal Government Agencies

xStream[®] is Virtustream's unique, enterprise-class cloud computing platform that leverages innovative processes and technology and is backed by industry-leading service level agreements.

xStream increases operational efficiency and ROI and offers greater financial flexibility through its consumption-based pricing. Clients can purchase the amount of infrastructure resources they need as multi-tiered workload infrastructure units (IU) with integrated High Availability and Disaster Recovery. The IU, invented and patented by Virtustream, is a cloud atomic element - an extensible container of compute, memory, bandwidth and IOPS, smaller than a virtual machine, which enables highly efficient cloud management for customers and industry leading service level guarantees.

xStream combines virtualization technologies into a coherent virtual infrastructure service platform that removes the obstacles that many Federal Government Agencies face when electing to transform their infrastructure. Because xStream is available as a dedicated or shared platform, managed or unmanaged on & off premise, it has the flexibility and elasticity to accommodate a wide range of enterprise IT environments. Vendor agnostic,

it enables your enterprise to leverage best-of-breed software and hardware in pursuit of operational excellence.

Designed and developed in-house with industry leading cloud IP based on Virtustream's more than 10 years of virtualization experience, the xStream platform was purpose-built for the heavy lifting Federal Government Agencies demand.

Built to accommodate the rapid evolution of your application environments and demand for optimal infrastructure, xStream handles mission-critical applications without sacrificing security or performance. It is tuned to optimize ERP application such as SAP, Oracle & Microsoft and has self-service capability through the xStream management portal.

Features of Virtustream's xStream platform include:

- Guaranteed Resources
- Compliance with the Highest International Security & System Standards
- Capacity on Demand
- Easy to Manage
- Highly Scalable
- Flexible Pricing Model
- Industry Leading SLAs

xStream's government clients can manage their applications, access expert support 24/7, and be confident that their IT engine is secure, stable, well-tuned and delivering maximum performance.

xStream



ABOUT VIRTUSTREAM

Virtustream is a leading enterprise cloud software and services provider. The company's secure high-performance cloud platform, xStream, enables hybrid cloud deployments, supports multiple hypervisors, and is the industry's first to offer a sub-virtual machine pricing model that is truly consumption-based. Virtustream's team comprises of architects, engineers and developers with deep expertise in cloud migration strategies, cloud platform deployment, enterprise application management and advanced data center technologies. The company has offices in Washington, D.C., New York, San Francisco, Atlanta, and London, and owns and operates data centers in the U.S. and U.K.

"Cloud computing offers a unique opportunity for the Federal Government to take advantage of cutting edge information technologies to dramatically reduce procurement and operating cost and greatly increase the efficiency of services to its citizens."

*Steve VanRoekel
Federal CIO*

For more information on Virtustream and Virtustream's xStream platform, please contact info@virtustream.com

Because only xStream can deliver a robust, secure enterprise cloud computing environment to function as a dedicated IT engine for Federal Government Agencies.

Our platform is built to accommodate the rapid evolution of your application environments and the ongoing demand for optimal infrastructure performance.

Guaranteed Resources &

Capacity on Demand - Federal Government Agencies require adequate computing capabilities that meet operational demand 24x7 without incurring the cost and maintenance burden associated with idle assets. Virtustream provides clients with infrastructure resources sold as Infrastructure Units with a guarantee that the required resources will be available on demand. These Infrastructure Units are sized to guarantee I/O, CPU, RAM, Disk and Network Resources.

Compliant with Highest International Security & System Standards

-The xStream environment guarantees clients an unparalleled level of security and data integrity from our On-boarding Process throughout the engagement lifecycle. All our systems, processes and technology conform to the highest level of international standards, including ISO 27001, ISO 9001 and SAS 70.

Easy To Manage - xStream's portal provides role-based access for clients to administer, monitor, control and report on their environment. The virtual private data center is designed using the latest development initiatives and featuring revolutionary coding techniques. The portal is an intuitive environment in which all client operations can be performed, securely, reliably and intelligently.

Highly Scalable - xStream clients benefit from the ability to increase or decrease aspects of their

environment, as their business needs fluctuate or evolve. A project may require a small amount of server capacity initially during the development cycle, then significantly more capacity during testing stages. Further, the need for server infrastructure may continue to fluctuate once the application is live depending upon growth, market success, or even seasons.

Flexible Pricing Models - At Virtustream, we have created a tiered service offering for our infrastructure units. This enables us to recommend the ideal solution to each workload providing an ever increasing level of availability and performance.

All solutions are built and managed on the same core infrastructure, however additional features are available as you elevate through the tier structure.

Operational Efficiency - Reducing or eliminating spend on in-house infrastructure to run a Federal Government Agency effectively, inclusive of the capacity to scale to accommodate business fluctuations, can deliver substantial reductions in both capital expenditures and personnel costs. Capital resources can then be refocused on core competencies such as developing new offerings and growing market share.

Industry Leading SLAs - The SLA's for xStream cover the following elements of the service: Network Performance, Availability, Reliability, Data Backup, Support Response Time, Physical Security and 24 x 365 Engineering Support.