



Data Center Features



- High quality Tier 3
- 10,000 Sq Feet of technical space
- 4.5 MVA of power
- Dedicated sub-station with N+N redundancy
- N+N UPS design
- N+N air-conditioning system, N+1 down flow units
- 3 x 840 KW chillers
- Very Early Smoke Detection (VESDA)
- Hi-Fog - Non intrusive fire suppression system.
- 24 x 7 security presence
- Motion detection and biometrics
- Diesel Generator, with on-site fuel storage
- 100 % uptime Service Level guarantees
- Security Quality and Compliance
- ISAE 3402 (SSAE 16) certification
- ISO 27001:2005 Information Security Management System
- ISO 9001:2008 -Quality Management System
- NHS N3 certified



“When we walked into the data center it was clear that this was designed and built by an organization with the intentions to provide the very best service.”

Fawad Shah
Network and Infrastructure Manager
Pizza Hut, Yum Brands

“Best in Class” Hosting Facilities

A Resilient, High Performance Environment for Your IT Operations

All of our data centers have been built to exacting Virtustream’s standards to provide outstanding facilities, security, power and connectivity. The data centers house, connect, monitor and maintain mission-critical IT systems and provide the flexibility to adapt and integrate business change efficiently and effectively.

Experience

Virtustream has an experienced team of trained professionals who can provide any degree of support required - from “racking and stacking” your IT infrastructure, full turn up and commissioning to intelligent remote hands support.

With multiple carriers having a point-of-presence (POP) within our data centers we can meet almost any connectivity requirement our customers may have. Customers have access to our hi-speed fully redundant, dual homed BGP Internet transit service. We peer with Tier 1 transit providers to deliver our customers a blended best in class transit service. So, if you

have a requirement of 10Mbps or 10Gbps, we can deliver a solution that is engineered to your business requirements.

Security and Compliance

The core of our compliance ISO 27001-2005 and ISO 9001-2008. Our data center personnel are government security cleared, assuring our customers of the highest level of compliance and information security management.

Global Footprint - Local Commitment

Virtustream data centers meet the highest industry standard in terms operational protocol. Our footprint extends from EMEA to the West Coast of the United States.

The data centers are strategically located in London in the United Kingdom and Washington DC and San Francisco in the US.

Virtustream’s Suite of Cloud Staging & Networks include:

- Data Center Services
- Network Services



Virtustream's data centers deliver 7x24x365 peace of mind with the power of xStream.



www.virtustream.com



ABOUT VIRTUSTREAM

Virtustream (www.virtustream.com) is an innovative cloud provisioning firm committed to delivering next generation infrastructure services to enterprise class customers. We leverage our secure high performance platform, xStream, to deliver highly available and elastic compute resources at true consumption-based pricing. We lead our Cloud Platform Services with Cloud Advisory Services, providing expertise in the areas of cloud adoption, migration and architecture strategies and infrastructure-related integration services. We provide ongoing support for our Cloud Platform Services through two groups: Our Cloud Cover team provides a managed service, from core infrastructure through enterprise applications and the Cloud Staging and Networks group that provides colocation, security and network services. Virtustream owns and operates its own data centers in the U.S. and U.K., and has offices in Washington, D.C., New York, San Francisco, Atlanta, London, Dublin and the Channel Islands.

Custom Design

- PCI Level 1 Service compliant
- ISO 9001 and ISO27001 certified
- VESDA Smoke detection system
- Hi-Fog suppression emits nitrogen gas and de-mineralised water at 300psi, rapidly cooling the isolated area down to -2°C.
- Redundant 10g fibre network sources, aggregate switches and core routers
- Direct BGP peering with Tier 1 providers including Level(3), Above Net, Cogent and others.

Security

- Dedicated facilities management team
- Federal Information Security Management Act Certified
- Security with strictly enforced visitation procedures
- Access control using proximity card readers
- Multiple CCTV cameras
- Secure managed delivery and loading area
- All operational personnel are security cleared to SC level

Power Conditioning

- Minimum N+1 redundancy on power supply
- Mains power supplied via 2 x 11kV incomers
- Diverse A&B supply ring main units

- N+N 800KVA per floor
- Power and cooling systems supported by diesel generation back up power systems.
- On-Site diesel tanks support non-stop back up power generation

HVAC Temperature Controlled Environment

- Minimum N+N resilience on chilled water cooling system
- Temperature in data hall maintained at 21°C (± 2°C)
- Humidity range of 48% (± 10%) in data center space
- Air cooled chillers supplying 1.68MW of cooling
- Close control units (CCUs) delivering 1MW of conditioned air into the data center space per floor

Rack Profile

- Heavy duty 42U racks
- 70% air space back and front
- Secure locks - Keys to each rack are held on-site
- 2x Power distribution units (2 x 24 way outlets)
- Dual fed 240Vac single phase, terminated by 32 Amp commando socket (Grid A & Grid B)

Virtustream's enterprise class data centers provide a resilient, high performance and secure environment for your IT operations.

Why Choose Virtustream?

Deep Expertise: Our team of specially trained and highly experienced systems and network engineers manage and maintain our DC facility 24x7, they average 10 years experience in the field including co-location, managed hosting and corporate data center environments.

World Class Facilities: Each of our data centers have been built to exacting standards to provide outstanding facilities, security, power and connectivity.

Flexible Solutions: Our data centers are built to house, connect, monitor and maintain mission-critical IT equipment and provide the flexibility to adapt and integrate business change efficiently and effectively.

Connectivity Options: Virtustream provides the option to purchase our managed internet service or connect with your provider of choice. Our facilities are rich with POPs from most major providers within the data center.

Installation Services: Virtustream has a full team of trained professionals and can provide any degree of support required to install and upgrade your installation-ranging from simply setting up the racks and power to "rack and stack" to full turn-up and commissioning.

Asset Management: Virtustream can track and manage customer inventory within the data center, including spares and maintenance contracts.

Compliance Services: The core of our compliance is ISO 27001:2005, ISO 9001:2008, FISMA & ISAE 3402 (SSAE 16).

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