Infrastructure as a Service (IaaS) – Virtual Data Centre

Advanced Hybrid Cloud Infrastructure Solution

[COMPANY NAME]'s Virtual Data Centre (VDC) service offers a virtual networked infrastructure that provides businesses with virtual storage and server resources. These resources are easily accessible through a secure portal. With this service, businesses can rapidly deploy on-demand hosting, storage, and computing capabilities, enabling them to establish their own private Clouds.

Take the burden off your corporate IT infrastructure by transitioning to the Cloud.

IaaS – Virtual Data Centres address your concerns regarding power, compute, storage, colocation, network, site security, cooling, and protection against natural disasters.

Unlike many other Cloud offerings, our Virtual Data Centre seamlessly integrates with your existing IT environment, facilitating a smooth and phased migration to a private Cloud. We refer to this as the "Super Hybrid Cloud" approach, where our network extends the LAN fabric of your current IT systems into the Cloud, ensuring safety and security behind your firewall.

Built on premium-grade enterprise hardware from renowned brands, our infrastructure follows an Infrastructure as a Service (IaaS) model. This stands in contrast to public Clouds that rely on inexpensive commodity hardware. As a result, our solution inherently incorporates resilience and performance, eliminating the need for you to plan for failure.

Our solution provides the elastic scalability required to address peak capacity demands, offering a pay-as-you-grow model. Additionally, it seamlessly integrates with popular public Cloud services whenever necessary.

Rest assured that our solution comes with five ISO certifications, G-Cloud accreditation, and PCI-DSS compliance.

Key Features

* Enterprise-level hardware and virtualization software.
* Geographically diverse UK-based locations in Tier III data centres.
* Automation through a self-service portal.
* Monitoring and management of servers, including resources such as CPU, memory, disk, network, and applications.
* Operating system licenses included.
* Supports various operating systems, including Windows Server 2008, 2008 R2, 2012, 2012 R2, Linux - Red Hat, Debian, Ubuntu & CentOS.
* Flexible billing options, including fixed and PAYG.
* Service Levels: Standard Infrastructure (99.9%), Replicated (99.99%), and High Availability (99.9999%).
* Built-in resiliency with standard hardware resiliency, with the option for a 5-minute RPO and 5-minute RTO.

Benefits

* Eliminate concerns about infrastructure management, upgrades, patching, and maintenance.
* Increase business agility through automation and accelerated deployment timelines.
* Enhance resilience compared to traditional server technology, further strengthened by additional locations.
* Create, modify, and decommission virtual machines in real-time.
* Reduce capital expenditure by eliminating the need for physical hardware investments.
* Lower the Total Cost of Ownership by adapting infrastructure spending to your needs.
* Improve resiliency for online businesses.
* Strengthen business continuity and disaster recovery capabilities.