

VIRTUAL DATA CENTRE

Imagine a Data Centre in the Cloud...

... Now imagine it managed for you.

virtual data centre
inspired solutions



Virtual Data Centre (vDC)

Virtual Data Centre (vDC) is APSU's enterprise-class Infrastructure as a Service (IaaS) solution for Wintel environments which replaces the need to continually invest in IT as your environments age or your business grows. Virtual Data Centre combines security and scale with APSU's widely recognised service provider experience to deliver a flexible and cost-effective way to build your ICT infrastructure using Europe's largest ICT services platform. It is a cloud computing solution delivered in partnership with Interoute, Europe's largest cloud platform with integrated connectivity, communication and computing services.



Available

With 99.99% availability and the capability to build your environment in multiple virtual data centres delivered from 12 locations, high availability and resilience are part of the solution.



Secure

Built on Europe's largest MPLS network, your virtual servers will be stored in ISO 2000, 27001, SAS-70 and PCI DSS compliant data centres.



Managed

Your virtual servers will be managed by an IBM-accredited cloud builder and cloud infrastructure business partner, helping you deliver cloud as a service for your business.



Expandable

Only pay for what you need; add additional capacity on the fly or more virtual servers as required. No more paying for future growth in your server platforms that may never materialise.

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The vDC infrastructure is designed by Interoute and supported by APSU to provide a pay-as-you-use service that is not possible with your existing IT environment or, indeed, by building your own cloud. APSU's vDC is built for business.

About Interoute

Interoute is a member of the Cloud Security Alliance, and it retains platform ownership with independent certification so we can be sure that your cloud vDC solution is secure. The platform is built into their MPLS network; MPLS is inherently secure, offering address and routing separation for each customer's VPN. The physical data centres are owned, not leased, by Interoute. APSU owns the vDC centres, which are physically located in Amsterdam, Berlin, Geneva and London, with more cities being announced in 2013. Each tier 3 data centre has achieved ISO 27001 certification and PCI-DSS for information security and data integrity.

The APSU Service

APSU is recognised by IBM as one of its strategic partners for managed services and cloud-based solutions. Its partnership with Interoute with a substantial investment in Virtual Data Centres, further cements APSU's pedigree in offering innovative world-class services. The APSU vDC has all the characteristics of a public cloud: the ability to burst, flexible contracts and real-time deployment. By combining scalable elastic computing with the most trusted network technology, APSU offers a truly unique enterprise-computing platform, the first without compromise.

"Our ageing IT server platform was nearing end of life and I had initially looked to APSU to present pricing for replacement. APSU put forward an alternative solution based on their vDC cloud platform that was compelling and made me realize that the conventional buy and replace every 3 or 4 years was not in our best interest."

Piers Jones
Finance Manager, Growell Hydroponics

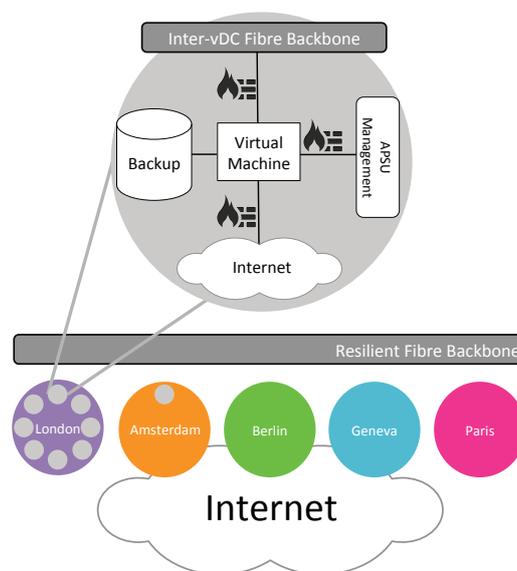


Fig 1. APSU's Virtual Data Centre can be provisioned in 5 European locations with more cities being announced in 2013

Feature	Benefit
Resource pooling	The vDC service is based on a multiple-partitioned platform, managed by APSU to ensure that the underlying infrastructure can be shared by multiple users or dedicated to a single enterprise. APSU is well versed in delivering this type of service and can guarantee the confidentiality and integrity of your private data.
Elastic	The computer, storage and network resources used to create your ICT service within the VDC environment can all be used in a truly elastic way. Use only what you need and retain the flexibility to grow your vDC to an almost unlimited level.
Measured service	APSU completely manages the vDC and monitors usage of the service, reports and controls the allocation of resources and determines how much and what is being used by whom.
Customise your machine	Each virtual machine can be customised with varied CPU, RAM and block storage to allow bespoke system builds and reduce overspending on unused resources commonly found in fixed-specification cloud servers.
Real not emulated IT	Transferring your ICT infrastructure to vDC doesn't require rewriting applications or compromising them for the cloud. APSU's VDC management allows you to utilise a cloud network to match your physical network, including multiple VLANs, DMZ, static IP addresses and firewalls.



For further information

Contact our sales team on 01285 862 100
or visit our website at www.apsu.com/vdc

vDC Managed Services, see what's included >

For Backup and Replication options, see our [Virtual Cloud Backup](#) and [Virtual Server Recovery for Windows](#) datasheets

