

Virtual Data Centre (VDC)

Scalable Private Cloud Capability



Virtualisation technology has revolutionised the way organisations deliver applications over the past few years. Compared to the traditional approach of buying and operating physical servers, with the attendant capital and operating costs, virtualisation brings a host of benefits. These include removing the need for capital expenditure, speed of deployment, flexible upgrade options, scalability, resilience, and massively reduced recovery time following a problem.

In light of this, it is little wonder that virtualisation is one of the fastest growing technologies in the IT market. For any organisation looking for web hosting, application delivery, disaster recovery or business continuity virtualisation can offer a solution.

amatis VDC solutions

amatis has invested very heavily in an enterprise-grade delivery infrastructure to ensure VDC customers benefit from consistently high performance and reliability. Based on a unique and industry-leading combination of Cisco UCS compute/networking and Tintri application-aware storage running a VMware virtualisation environment, amatis is able to offer flexible and hugely scalable Virtual Data Centre solutions.

This, coupled with the fact that amatis owns two data centres and operates its own service provider core network with a full range of connectivity options available nationally, means organisations have all the elements to enable a private cloud infrastructure from a single provider.

For customers wishing to create and manage a dedicated VMware server farm off-site quickly and without the hassle of managing multiple suppliers, the amatis Virtual Data Centre offers a cost-effective solution. Once the VDC has been created, the customer is free to build and manage their own Virtual Machines in terms of operating systems, applications, and VMware Snapshots while amatis manages all of the underlying delivery platform including the VMware hypervisor layer.

amatis VDC solutions offer as standard

- Enterprise-grade VMware environment
- High availability (N+1) Cisco UCS compute infrastructure
- Resilient Cisco network
- Tintri high performance application-aware storage
- Secure customer portal for orchestration and reporting

amatis VDC options

- Storage performance tiers
- Snapshot Backup (with options for encryption and mirroring for site resilience)
- Security – firewall port or dedicated firewall with further option to add high availability
- Site resilience

VDC benefits at a glance

- No capex cost
- Highly scalable delivery infrastructure
- Built-in resilience for reliability
- Customer controls provisioning and resource allocation for individual Virtual Machines
- Customer controls VMware Snapshot regime
- Secure portal for orchestration and reporting
- Cost Effective
- 4 hour fix Service Level Agreement
- Backup, site resilience and security options
- Very quick to deploy resource and upgrade existing virtual machine

*subject to fair usage policy