



BUILDING A PRIVATE CLOUD INFRASTRUCTURE TO SUPPORT YOUR BUSINESS WITH VIATEK

While much of the excitement around cloud computing focuses on the resources delivered by public cloud service providers, many organisations prefer to opt for the performance, stability, and security benefits of a private cloud.

At Viatek, we have built a private cloud using resources housed in two geographically dispersed datacentres. Located in Sydney and Melbourne, these enterprise-grade datacentres ensure clients enjoy high levels of reliability and scalability while at the same time meeting their security, regulatory and data sovereignty requirements.

THE VIATEK APPROACH

Viatek's private cloud has been designed with our clients in mind. It cuts out the complexity of public cloud infrastructures while at the same time delivering clear compute and storage tiers at fixed rates and with no unpredictable operating costs.

Our private cloud team has extensive experience in the design, deployment and management of private cloud solutions that leverage the capabilities of both the Microsoft Hyper-V and VMWare hypervisors.

AREAS OF FOCUS

The Viatek team has comprehensive knowledge of all the facets of private cloud design, deployment and maintenance. Our key areas of focus include:

- **Cloud virtual firewall:** Connectivity to the Viatek private cloud is protected at all times by a managed virtual firewall appliance. This technology is used in conjunction with physical security in both data centres that adheres to recognised best practices in the security industry.
- **Cloud hypervisor:** Our hypervisor capabilities can be self-managed or placed in the hands of our management team. Using a hypervisor allows a client to enjoy the benefits of a cloud computing platform without the need to share compute resources with others. This means clients can be in full control of their cloud infrastructure at all times.
- **Cloud infrastructure:** Dubbed Infrastructure-as-a-Service (IaaS), this offering provides clients with a solution that is fully managed by

Viatek from the hypervisor layer down. Everything from hardware maintenance and patching to upgrades and monitoring is handled, and availability is guaranteed through pre-defined service level agreements (SLAs).

- **Cloud desktop:** As part of its private cloud portfolio, Viatek offers a fully managed cloud desktop that delivers a secure and completely isolated environment for each client. Because it is a non-multi tenanted service, we can deliver the level of performance, scalability and flexibility that is required.
- **Cloud backups:** Our fully managed cloud backup service is integrated seamlessly into our private cloud backbone and delivers customised recovery point objectives together with both short and long-term retention options. Viatek can also offer cloud backup services for on-premise resources. In these cases, data is fully encrypted to ensure complete security during transit.
- **Cloud disaster recovery:** Our comprehensive cloud disaster recovery service offers protection for critical workloads from system outages or other events. We have two independent 1 Gbps fibre links between our two datacentres and can failover workloads within minutes.

WORKING WITH YOU

Viatek's comprehensive private cloud resources and experience means we are well placed to meet your business requirements. Whether it's the full migration of your entire IT infrastructure or the selective use of extra resources, we can deliver the solution you require.

GIVE US A CALL TODAY

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○ Innovative IT solutions
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