Protecting citizen's data
From cyber threats

PURESTORAGE® + **AtoS**

Transforming risk into value

When working with public sector agencies on cybersecurity, responsibility is proportionate to the amount of data which could potentially be compromised. Ensuring the safety of citizen's data, as well as the uninterrupted delivery of services, requires a flexible data storage consumption model and a comprehensive cyber recovery system.

Data Storage as a Service: Commercial flexibility and security at scale

The threat of ransomware attacks against public sector agencies in Australia is mounting. What we know about ransomware attacks is that they prey on monocultures and legacy systems. This means they have the potential to wreak havoc on established government organisations with a large, generalist IT system. Recent history has also shown that once hackers are able to find a small vulnerability, they can get behind the defences of an organisation and access an entire system. Migrating existing infrastructure and applications to the cloud means a more comprehensive protection against cybercrime, because the cloud technology is constantly being monitored and updated. Once migrated, the systems are more resilient against attack because of this ability to tweak security measures based upon threats as they are reported.

Atos and Pure Storage delivering As-a-Service

Pure as-a-Service is enabled by industry-leading, field-proven FlashArrayTM , FlashBlade®, Pure Cloud Block Store technology, and the corresponding validated design integrations, FlashStack® and AIRI® (AI-ready infrastructure). With Pure's Evergreen TM solution, you get elasticity and scalability, with non-disruptive upgrades and expansions. You'll also get capacity monitoring and reporting, providing a clear view of usage with proactive alerts.

How it works

Pure as-a-Service offers reserve capacity which is used throughout the life of the contract at a discounted rate. If you exceed your reserve capacity, you move into on-demand capacity at the standard rate. On-demand capacity eliminates the risk of either purchasing too much (over-provisioning) or too little storage (under-provisioning, re-buys, or staggered leases). It also accounts for the unpredictable nature of multi-year sizing, seasonal workloads, and spikes. As your organisation's storage needs increase, Pure will proactively scale up your business's infrastructure and capacity.

Pure as-a-Service is a flexible storage consumption model for hybrid cloud that seamlessly addresses changing business needs. With price transparency, clear costs, non-disruptive operations, and a seamless hybrid cloud solution, Pure as-a-Service enables financial flexibility, operational simplicity, and cloud elasticity.

On-Ramp to Hybrid Cloud

Most organizations today have a cloud and/or digital transformation initiative. Pure as-a-Service provides a first step to cloud enablement. Pure as-a-Service delivers a consistent hybrid-cloud experience leveraging a single unified subscription across your on-premises data centre, co-location/hosted facilities, and public cloud via Pure Cloud Block Store. Pure CloudBlock Store is software producing a fully functional virtualized FlashArray SAN that runs on public cloud resources.

Benefits:

• OpEx-based* solution keeps the storage infrastructure fresh with an extensible architecture that stays modern non-disruptively

• Enables proactive monitoring of the workload behavior with AI-based capacity management

• Unifies hybrid cloud by bringing STaaS on premises and enterprise-grade features to the cloud

• Improves productivity with on-demand storage services in multiple locations via a single subscription.

Atos offers two options, in partnership with Pure Storage:

Titanium Storage as a Service:

• The agility and flexibility of public cloud storage with the security and performance of an all-flash infrastructure.

• It can be delivered with Block, File, and Object storage options while also offering additional options for Cloud HyperScalers like Amazon and Azure.

• Active Data Cyber Protection and recovery, along with Enterprise Features like Snapshots, Replication Monitoring included

Bronze Storage as a Service:

• Cost-effective all-Flash storage options for Tier 2 storage requirements for Western Australia Government.

• It can be delivered with Block and File storage options.

• Active Data Cyber Protection and recovery, along with Enterprise Features like Snapshots, Replication Monitoring at a more dense but Cost-effective scale included

About Atos

Atos is a global leader in digital transformation with 109,000 employees and annual revenue of c. € 11 billion. European number one in cybersecurity, cloud and high performance computing, the Group provides tailored end-to-end solutions for all industries in 71 countries. A pioneer in decarbonization services and products, Atos is committed to a secure and decarbonized digital for its clients. Atos is a SE (Societas Europaea), listed on Euronext Paris and included in the CAC 40 ESG and Next 20 Paris Stock indexes.

The purpose of Atos is to help design the future of the information space. Its expertise and services support the development of knowledge, education and research in a multicultural approach and contribute to the development of scientific and technological excellence. Across the world, the Group enables its customers and employees, and members of societies at large to live, work and develop sustainably, in a safe and secure information space.

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