

# ATLANTIS USX™

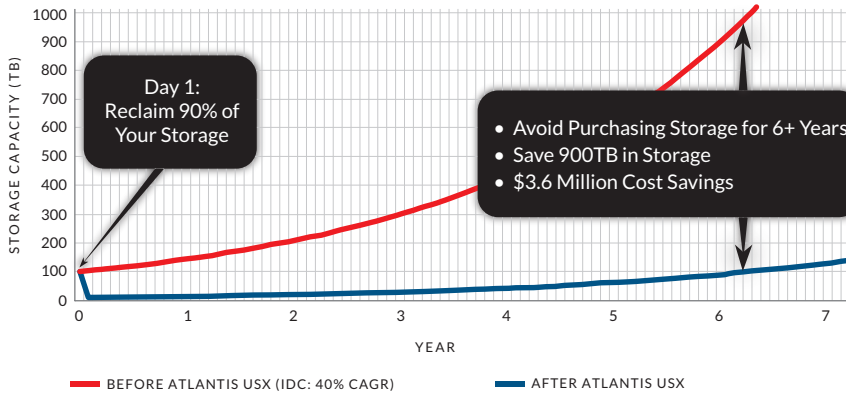
## All-Flash Performance At Half the Cost of SAN

Atlantis USX™ is a software-defined storage solution that delivers the performance of an all-flash array at half the cost of traditional SAN or NAS.

### Storage Consolidation

Atlantis USX increases the effective capacity of existing storage by up to 10 times, while enabling customers to transition to lower cost direct-attached and cloud storage. Enterprises that are running out of storage capacity can now extend the life of their storage investments by 5 years without purchasing any additional hardware, saving millions of dollars per year.

#### STORAGE CONSOLIDATION



### Performance Acceleration

Atlantis USX delivers all-flash performance across the entire datacenter to all applications, increasing transactions per second for databases, reducing mailbox response time, enabling test and development organizations to build environments faster, accelerating virtual desktop performance, and cutting data processing time.

### Data Mobility

Atlantis USX enables virtual workloads to move between storage systems, datacenters and the cloud in seconds. This newfound storage agility opens up opportunities to move workloads closer to users, leverage lower-cost compute or storage in the cloud, provide more efficient disaster recovery capabilities, or migrate from one storage system to another seamlessly.

#### KEY BENEFITS

##### Cost Reduction

- Lower storage costs up to 75%
- Avoid purchasing storage for 5 years
- Transition to low-cost DAS and Cloud

##### Application Performance

- Database: increase transaction speed
- Exchange: reduce mailbox response time
- Big Data: cut MapReduce job time
- Test/Dev: build environments faster
- Banking: reduce batch processing time
- VDI: improve user experience

##### Business Agility

- Multi-datacenter DR with less bandwidth and storage
- Burst into the cloud for temporary capacity
- Dynamically move VM workloads within datacenters to reduce power consumption

#### ATLANTIS USX COST REDUCTION

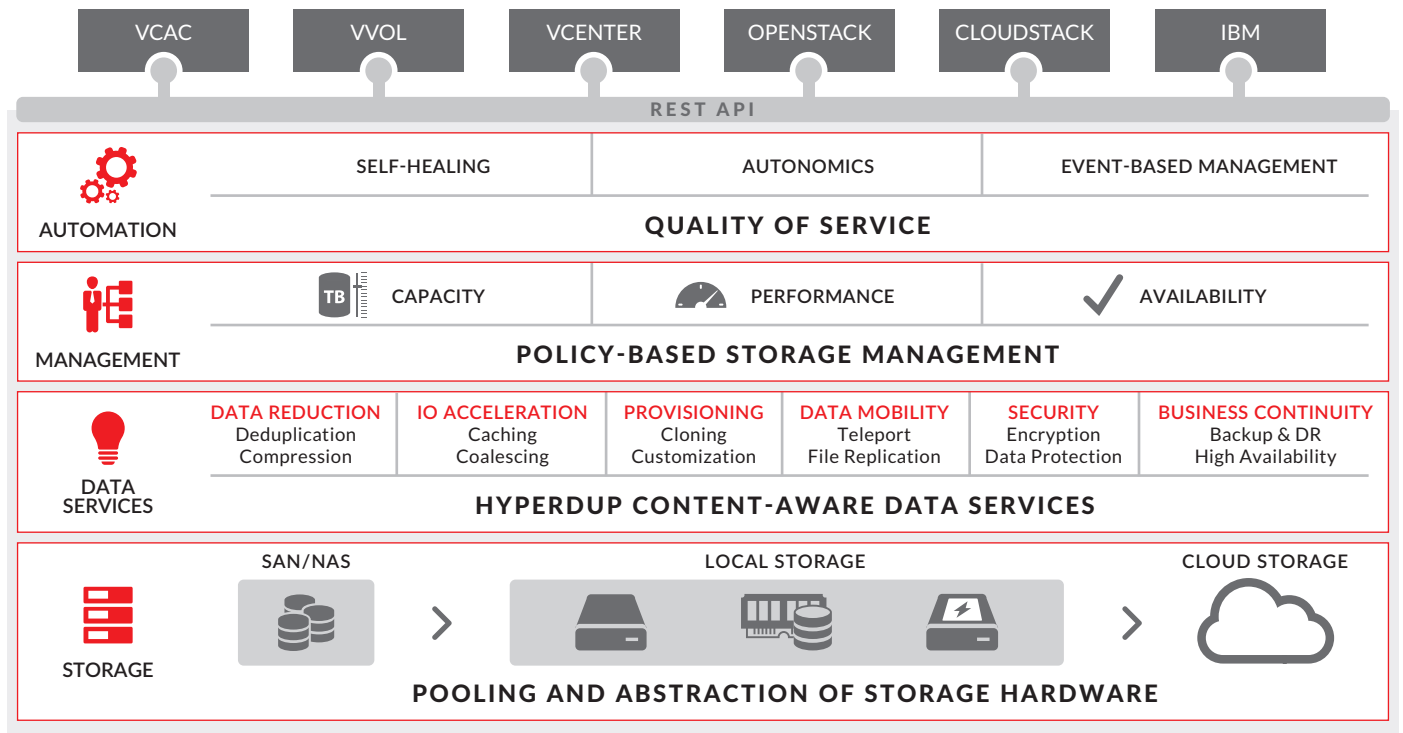
	SAN/NAS	All-Flash Array	Atlantis USX
Cost per IOPS	\$3	\$1.60	\$0.05
Cost per GB	\$4	\$12	\$2



By 2016, server-based storage solutions will lower storage hardware costs by 50% or more.

— Gartner: G00255093





## Pooling and Abstraction of Storage Hardware

Atlantis USX™ enables enterprises to pool and abstract any storage (SAN, NAS, Flash, RAM, DAS, Public Cloud) and instantly deliver virtual storage volumes to any application. By pooling storage, both capacity and performance are used more efficiently in the datacenter, lowering cost, increasing performance and making datacenters more agile.

## HyperDup™ Content-Aware Data Services

Atlantis USX™ includes integrated HyperDup™ Content-Aware Data Services that leverage Atlantis real-time deduplication technology to provide data reduction, IO acceleration, faster provisioning, data mobility, security and business continuity for any storage.

## Policy-Based Storage Management

Atlantis USX policy-based storage management enables customers to efficiently manage the capacity, performance and availability across all storage in the datacenter irrespective of underlying hardware. Block storage can now be managed in exactly the same way as file-based storage. If more capacity is required, additional resources can be added to the pool dynamically. Storage does not have to be of the same type, allowing for easy migration from one underlying storage platform to another.

## Automation & Quality of Service

Atlantis USX enables enterprises to automate the provisioning, configuration and monitoring of storage systems and quality of service through integration with industry-standard orchestration systems. The entire user interface for Atlantis USX is built on the USX REST API, which is open and public. This API provides instant integration capabilities for any management system, including VMware vCAC, HP Operations Manager, IBM Tivoli, CloudStack, and Openstack.



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