



AiNET Trusted Storage as a Service

Cloud-based storage for today's virtual environments

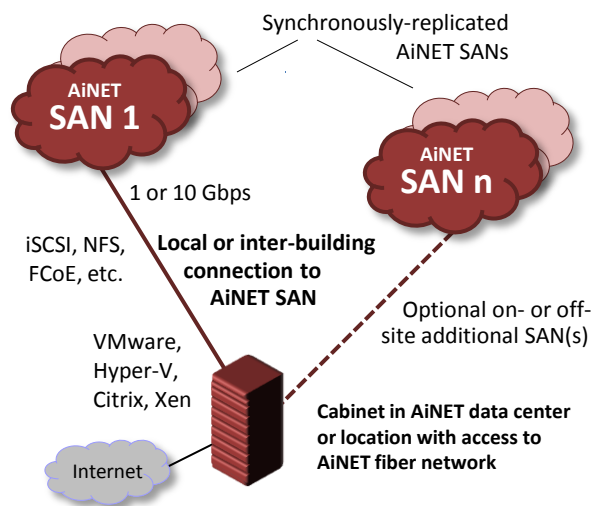
Ask About
Free Storage!

Whether it's the increasing volume of content that has to be delivered on-demand, the accumulating needs of hundreds of customers in a complex cloud environment, or data that must be archived, your needs for data storage are growing. As storage needs are growing without limit, maintaining storage at your data center is becoming costlier and an increasing management burden and operational risk – that's your reality.

To address this pressing challenge, AiNET has combined its AiNET® Peta10 SAN product with its SAN management expertise and connectivity solutions to offer AiNET Trusted Storage as a Solution, the cloud-based, high performance storage solution that's secure, scalable, reliable, operationally compatible, and affordable – a storage solution for your reality.

High-Performance Storage Service - Right Where You Need It:

Cross-connect at Gigabit speeds to a high performance AiNET Peta10-based SAN at an AiNET data center or at a location with direct access to one, such as a point-of-presence on an AiNET fiber network. AiNET manages the SAN networks to ensure outstanding performance for all users in a shared service environment and backs it up with a performance SLA. With AiNET Trusted Storage as a Service, whether it's web hosting, content delivery or cloud applications for the enterprise, your SAN can support your real-time needs.



High performance SANs, synchronously-replicated, provide the Performance, Security, Scalability, and Reliability you need in a storage service

Incomparable benefits of AiNET Trusted Storage as a Service

Benefits	Features
Aligned with Your Operating Environment	<ul style="list-style-type: none">Compatible with VMware®, Hyper-V®, Citrix®, Xen®iSCSI, NFS, Infiniband, and Fiber Channel Storage Protocols
Supports Online Applications	<ul style="list-style-type: none">High performance SAN platform1 Gbps and 10 Gbps SAN access speedsStrong performance SLA
No Capex	<ul style="list-style-type: none">Leverages AiNET-provided SAN
Highly Cost Effective	<ul style="list-style-type: none">Pay-as-you-grow pricingSimple, break-through pricing levelsNo I/O or network fees
Unlimited Scale	<ul style="list-style-type: none">Store Gigabytes to Petabytes
High Reliability	<ul style="list-style-type: none">RAID 6 SAN implementationData replicated synchronously across SANs, with MPIO supportBest-in-class performance SLAStorage site diversity
High Security	<ul style="list-style-type: none">Protection by multiple security levelsFISMA/DIACAP compliant service

Storage How You Need It: Whether you're using VMware®, Hyper-V®, Citrix® or other virtualization solution, cloud-based AiNET Trusted Storage as a Service is compatible with your environment – you can even use iSCSI or other storage protocol of choice.

Scalable, Cloud-Based Storage That Fits Your Budget: With AiNET Trusted Storage as a Solution, now - *without any capex* - you can have a high performance SAN solution that scales in volume and cost with your needs and budget. With storage from GigaBytes to PetaBytes and amazingly affordable pay-as-you-grow pricing, you can focus more on growing your business, and less on its physical and financial foundation.

The Essential Reliability You Must Have: AiNET Trusted Storage as a Solution is engineered for ultra-reliability. The SANs not only feature RAID 6 redundancy and reliability, but





the added protection afforded by Synchronous SAN Replication. Also, SANs can be geographically diverse.

Trustworthy Security for Your Data: AiNET assures the security of your data in a SAN environment by using multiple levels of security including Data at Rest Encryption (DARE) and Data in Motion Encryption (DIME) – the same protocols used by AiNET to satisfy strict Government Information Assurance needs in secure facilities. Additionally, AiNET Trusted Storage as a Service is FISMA/DIACAP compliant.

AiNET Peta10 Performance Platform

A pillar of AiNET Trusted Storage as a Solution is a high performance SAN platform, AiNET's Peta10. Its key features include:

Ultra-High Density: With over 1 Petabyte (1,000 TB) of fault-tolerant storage in a single rack, and expandability to thousands of racks, the Peta10 offers incomparable storage density.

High Throughput: Using collaborative load processing and/or global file systems, throughputs can exceed 10 GBytes/sec per module.

AiNET Trusted Storage as a Service Specifications

Virtualization environments: VMware®, Hyper-V®, Citrix®, Xen®

Storage methods: iSCSI, NFS, CIFS, MPIO, GPFS®

Connection types: Ethernet, Fiber Channel, Infiniband

Access speeds: 1 Gbps, 4Gbps, 8Gbps, 10Gbps, 16Gbps

Primary-Secondary SAN switchover: Automatic Synchronous, Asynchronous, manual, schedule

Locations:

District of Columbia: Washington, DC: 1275 K Street, NW

Maryland: Baltimore: 300 W. Lexington; Beltsville: AiNET WDC-8; Laurel: AiNET WDC-13

Virginia: Reston: 12100 Sunrise Valley Drive

* Details at www.ai.net

It's All Here

AiNET understands what you face every day as storage demands increase. Look to AiNET and its proven expertise in data centers, professional support, SAN technology and management, and unparalleled connectivity solutions. AiNET Trusted Storage as a Service is the storage solution that fits with your operating environment and offers the performance, security, scalability, reliability, and affordability that you need.

Fault Tolerance: State-of-the-art RAIN provides the highest levels of performance and fault tolerance. RAID 6 storage arrays provide industry-leading reliability and performance.

Low Latency: Use of SSD for large random read/writes eliminates bottlenecks of disk based systems.

Security: Highly-secure platform used in secure Government facilities with FIPS-140 compliance.

I/O Performance SLA: 100%

Availability SLA: 100% with live failover

Colocation SLA: 100%

Power SLA: 100%

Cooling SLA: 100%

Connectivity SLA: 100%

For more information on AiNET Trusted Storage as a Service, please visit www.ai.net/tsaas

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AiNET, 11700 Montgomery Road, Beltsville, MD 20705 USA. +1-301-931-6574 www.ai.net storageinfo@ai.net



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