BridgeSTOR®
The World's Storage Made Available

Coronado Access Point
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Multi-Tiered NAS Storage with Embedded Backup and Disaster Recovery to the Cloud

One of the greatest challenges faced by IT professionals in recent years has been the rapid expansion of storage options. Files stored in traditional storage never seem to expire and management costs continue to escalate. Most files are still stored in "Isolated Islands of Segregated Silos" on conventional local disk. This approach mandates backup and expensive management costs.

Why is your existing NAS device not intelligent enough to back itself up—forcing you to keep paying for expensive backup software for your data protection?

Why not store your files on a truly secure, infinitely scalable storage platform with the ability to transparently and seamlessly access your data regardless of how long you retain it?

BridgeSTOR's Coronado Access Point is the first truly transparent storage lifecycle management appliance providing seamless access to your data regardless of the type of storage or location.

Whether you want to repurpose existing storage, migrate to truly secure and resilient object-based architectures, create your own Private Cloud or deploy a combined Private and Public Cloud transparent global namespace, the Coronado Access Point provides the answer.

Although Cloud Storage provides a strong Disaster Recovery solution, it falls short of being a full backup solution as it cannot handle deleted files or file versioning. Intelligent file versioning and the ability to recover deleted files may allow you to eliminate your backup software. Coronado Access Point highlights include:

- An industry standard SMB II and NFS Interface to any storage, including object-based interfaces and the Public Cloud for plug-and-play integration with existing systems
- True Multi-Site, Immediate Write Recognition providing a true Locality Aware, Global View of all data
- Recycle Bin for File Versioning and recovery of deleted files
- Local disk tier for access to active files
- Active Directory Integration for ease of management and user access
- AES 256-bit encryption with XTS extensions and customer created encryption keys secures data-in-flight and data-at-rest in Cloud Storage
- Simple Web-Based GUI for management

Delete with Version Control: Deleted files within Cloud Storage will be automatically moved to a Cloud Recycle Bin that will maintain versions based on a user-defined policy for easy recovery

Directory / Folder Re-Names and Moves: Rename folders, rename directories, move files, folders and directories within the Cloud Storage architecture

Global File System for Multi-site Access: A single view of all Cloud Storage with secure file sharing among unlimited sites with the optional Coronado View Manager

ActiveAlways™ Availability, Seamless High Availability: Access any file through Coronado regardless of geographic location. Any Coronado to any file, all the time, in real time

On-Line, Transparent, Immediate, Local / Global Coronado Expansion: Add multiple Coronado Access Points for increased performance or for additional redundancy locally or globally in real time

High Performance Multi-Threaded Access: Round Robin support to multiple storage controllers provides tremendous throughput improvements. Custom defined buffers from 4k to 512MB combined with parallel writes provide unprecedented performance. Coronado also supports Multi-Threading to Public Clouds

Dynamic File Locking: While some systems can provide "static" global file locking, Coronado Access Points provide "True Dynamic Global File Locking". Based on permissions, multiple users can access / modify files in real time while maintaining "All Version" accessibility anywhere in the world

In-Flight / Data-at-Rest Encryption: AES 256 bit military grade encryption with XTS extensions and administrator controlled keys secures your storage. Data is encrypted at the source providing "over the wire" protection as well as for data at rest regardless of the storage target. All encryption keys are maintained and managed locally for your personal control

Deduplication and Compression: Optional data deduplication and compression performed at the source

SMB II / CIFS or NFS Access: True transparent NAS support with access control and ACLs

Active Directory / LDAP Integration: Transparent permission support

Metadata Protection: Eliminate catalog corruption questions with the ability to rebuild all metadata from Cloud Storage

File Size Optimization, Flexible Collection Size: File system definable container optimization for peak performance and capacity efficiency

Storage Agnostic Design: Object-Based / Erasure Coding-Based, Private / Public Cloud, NAS, Block-Based, iSCSI, SAS, etc. Fully integrate with any storage locally and globally

Seamless Legacy System Migration: Zero impact transition from existing architectures

User Definable High Speed Local Disk Tier and File Pinning: Coronado provides an independent, user definable primary tier capable design. You can provide your own SSD, 15K, 10K or SATA internal disk or external hardware for a Primary, High Speed Storage Tier or Cache of any size. File pinning guarantees performance

Direct Connect: Workstation based software modules provide direct connectivity to object-based and Cloud based storage targets fully integrated with any system wide Coronado Access Point

In-line or Post Processing Mode: Users are free to choose between In-Line or Post Processing Mode when accessing Cloud Storage

Delivery Method: Coronado Access Points can be delivered as a physical appliance, Hyper-V Virtual Appliance or VMware Virtual Appliance. All Coronado Access Points fully integrated