



Titan Storage Server

HIGHLIGHTS

- Does not require an additional server
- Enforces strict (compliance) or non-strict WORM File Systems
- “Sandbox” capability for planning implementation
- Supports traditional backup, replication, and snapshot functions
- Open interface for integration with 3rd party applications

BlueArc WORM File System

When You Need the Utmost Assurance in Data Integrity, BlueArc WORM File Systems Offer the Ultimate Protection for the Data Lifecycle.

Whether facing strict compliance requirements, such as, HIPAA, Sarbanes-Oxley, DoD 5015.2-STD, etc., or assurance that original versions of data remain unaltered, the BlueArc WORM file system offers a powerful tool for verifiable data protection. With a write-once, read-many (WORM) file system capability, BlueArc WORM locks down designated disk-based data from modification or further deletion verifiable for a set time period.

With BlueArc WORM, IT groups gain a powerful extension to BlueArc’s innovative Intelligent Tiered Storage concept, which consolidates differing storage within the same NAS based system. Administrators can now move data through a multi-tiered BlueArc storage system - from Fibre Channel to lower cost SATA disk, or to disk-based WORM archives - all within the same system.

Compliant, WORM Storage for Even the Most Exacting Requirements.

Highly regulated environments that require the assurance of full, disk-based WORM compliance now have an economical alternative with the BlueArc WORM file system. With the security of a fully-compliant implementation, all in a single storage system, BlueArc WORM meets an enterprises’ most demanding data retention requirements while still providing access to the same power and scalability of BlueArc’s non-WORM compliant storage.

By taking advantage of BlueArc’s WORM capabilities, IT groups can now turn their BlueArc storage tiers into a strictly secure, locked-down environment where data can be designated as WORM at the most granular storage level.

The Assurance of WORM Storage with Built-In Flexibility.

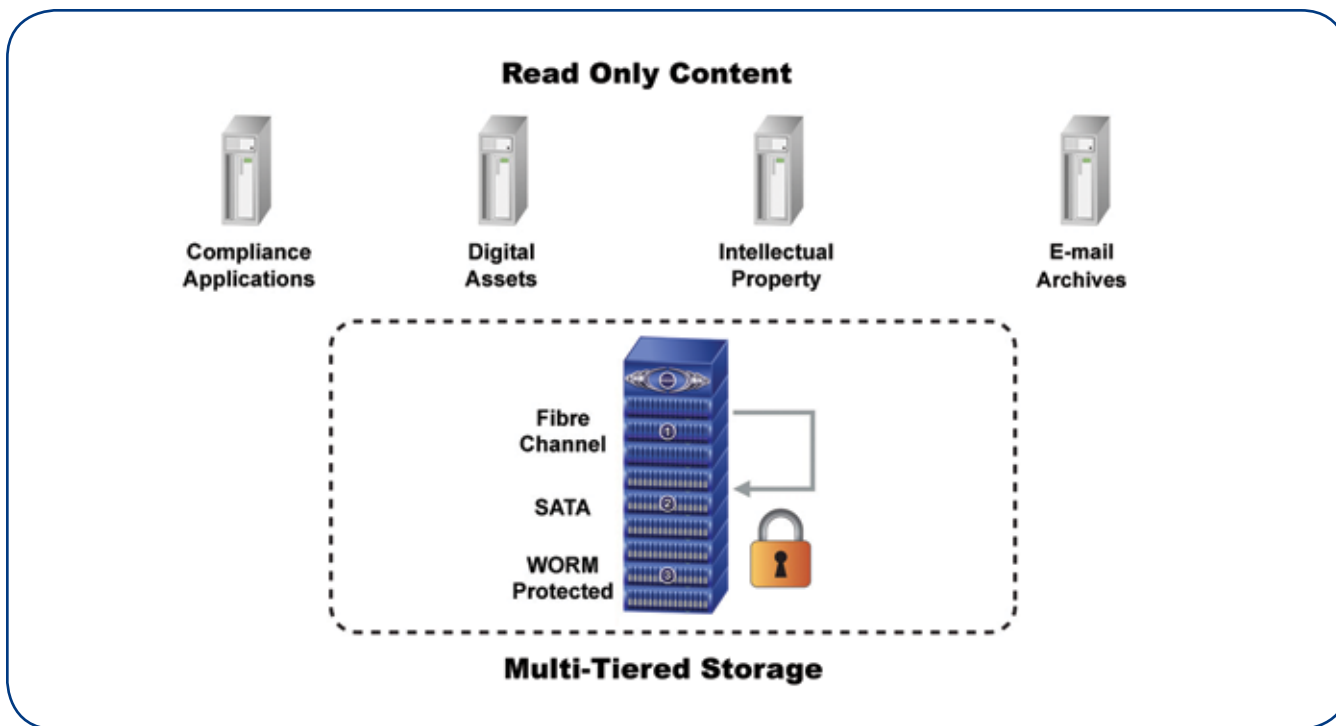
Unlike competing solutions, BlueArc WORM can be implemented in one of two ways. Recognizing that some customer environments require the utmost WORM compliance, while others may need to preserve data while still allowing future modification, BlueArc WORM offers a ‘strict’ WORM file system for regulatory compliance, and a ‘non-strict’ WORM read only file system for other digital preservation needs.

In either case, BlueArc’s WORM implementation prevents data from being modified or deleted, yet still allows administrators to work with copies of the original or perform other data management functions, such as moving it to other locations, or protecting it with more traditional backup, replication and snapshot procedures.

Non-Strict WORM storage provides additional flexibility. It can be used as a staging area for testing and planning purposes while developing a fully strict WORM solution design. The ‘sandbox’ feature in effect lets users try out WORM storage before committing data to the permanent WORM lockdown.

In addition, administrators might use non-strict WORM storage for more commercial purposes to protect digital assets from modification or corruption by individuals or viruses. Some examples include safeguarding intellectual property assets, “gold” software images or downloads, legal records, or online reference libraries.

Because the WORM functionality is easily added as a licensed feature, it can be used as a powerful extension of BlueArc’s Intelligent Tiered Storage concept. Ultimately, WORM serves as the end of the line in the data life cycle when data can easily be accessed but remains free from the risks of being changed or deleted. Additionally, BlueArc provides easy data management due to a integration with archiving applications such as MDS, KVS, or Symantec and other third-party applications. The BlueArc WORM file system offers the power to support compliance requirements yet has the flexibility for easy deployment and more general-purpose applications. For optimal protection, BlueArc WORM delivers the utmost protection for data integrity needs.



Solution Diagram The BlueArc WORM File system provides additional levels of data protection from a single integrated tiered storage solution.

FEATURE	SPECIFICATION
Strict compliant format	Yes
Non-strict compliant format	Yes
Feature: WORM Staging	Yes
Supports traditional backup, replication, and snapshot functions	Yes
CLI support	Yes
3rd Party application support	Yes
Licensed feature	Yes
File level granularity	Yes



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