

Meeting the New Storage Challenges

The volume of corporate data and information has exploded over the last number of years as a result of management needs, electronic documents, compliance and corporate governance. Legal retention regulations have evolved that require certain documents to be retained in their original format for a specified period of time and must be produced quickly and accurately on demand. These documents include emails, financial reports, supplier invoices and medical records.

It is now essential for organisations to have a centrally managed storage and archive infrastructure that enforces compliance based policies so that the right information is stored, in the right format, for the right amount of time and at an affordable cost. Traditional optical and tape storage technologies have struggled to respond to the changing nature of document retention and storage demands – response times are slow, maintenance is costly, content is duplicated, and typically held forever.

StorLife – A New Generation in Compliant & Scalable Storage

StorLife™ is a software-only Content Addressed Storage (CAS) solution providing the superior performance of magnetic disk, while ensuring scalability, resilience and assured content authenticity. Designed to meet today's strictest compliance regulations, StorLife archives and retrieves information using a "digital fingerprint" that ensures authenticity of the original unaltered document. Single Instance Storage (SIS) technology ensures that content is never duplicated, recognising when another user or application is trying to store the same content.

StorLife is completely hardware independent. It allows organisations to leverage their existing investment in storage infrastructure avoiding storage vendor lock-in. Its server virtualisation technology allows organisations to manage all their storage as a single asset. Combined with an intuitive 3rd party API and Windows based server management, StorLife allows system administrators to seamlessly scale their storage infrastructure, remove complex storage integration, and securely replicate to onsite and/or offsite facilities to provide business continuity and disaster recovery configurations with automatic fail-over.

Compliance legislation such as SEC17a-4, Sarbanes Oxley and the European Data Directive require that content must

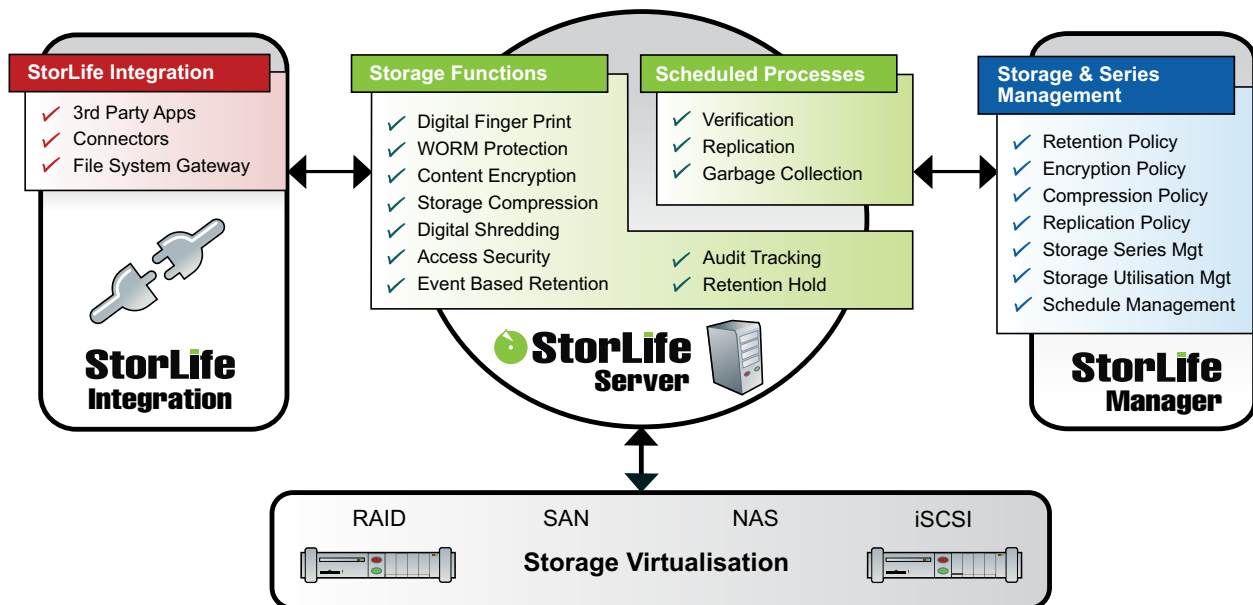
be retained in its original format for a specified period of time and must be reproduced quickly and accurately. StorLife's lifecycle management technology enforces content compliance policies regarding the retention, disposal, encryption, and access requirements to meet corporate governance demands.

“ StorLife is a **hardware independent CAS solution**. It allows organisations to leverage their existing investment in storage infrastructure avoiding storage vendor lock-in. ”

StorLife Highlights

- **Secure, scalable, resilient CAS storage**
- **Hardware independent software solution**
- **Utilises existing hardware infrastructure**
- **More affordable than direct competitors**
- **Comparative higher performance**
- **Comprehensive lifecycle management**
- **Meets compliance obligations**
- **Efficient Windows server based IT management**
- **Open APIs for fast integration**
- **High volume retrieval engine**

StorLife Components



StorLife Server

StorLife Server enforces storage, lifecycle management, compliance, security, and Single Instance Storage (SIS) processes.

- ✔ Securely archives information based on WORM technology.
- ✔ Stores, locates & retrieves information using a unique "digital fingerprint".
- ✔ Verifies content authenticity with MD5 or SHA1 hashing algorithms.
- ✔ Eliminates content duplication and increases storage efficiency using SIS and server virtualisation technology.
- ✔ Protects content using FIPS-197(AES) encryption.
- ✔ Digitally shreds content marked for disposal based on the US Department of Defense (DOD 5220.22M) standard.
- ✔ Controls user, application, and network access to the management console.
- ✔ Replicates content in real-time or on a scheduled basis to online, hot standby storage devices over local or wide area networks.

StorLife Manager

StorLife Manager uses an intuitive, web-based management console, allowing system administrators to configure and monitor storage devices, enforce lifecycle management and compliance policies, and schedule tasks.

- ✔ Provides immediate view on the status of the StorLife Server, storage devices, retention classes and scheduled tasks.
- ✔ Provides information on storage utilisation levels to predict future storage capacity requirements.
- ✔ Enforces lifecycle management, retention and compliance policies for different content types.
- ✔ Runs regular verification processes to ensure content authenticity and integrity of stored information.
- ✔ Reduces network bandwidth utilisation by replicating content on a scheduled basis.
- ✔ Recycles storage media by scheduling garbage collection processes.

StorLife API

StorLife API provides fast, easy integration with third party applications via industry standard Application Program Interfaces (API's) that need to securely store and quickly retrieve information.

- ✔ Easily integrates with third party applications.
- ✔ Uses direct .NET native API or Web Service (WSE 3.0) interfaces.
- ✔ Sub second response times and seamless retrieval of stored content to multiple applications and systems.
- ✔ Integrated document management and workflow module with advanced search and retrieval capabilities.

For more information on **StorLife**:

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