

# Rethinking How Data Is Managed

## FreeStor<sup>®</sup> - Software Defined Storage With No Surprises

Today's challenges require a new, software-defined approach that eliminates vendor lock-in, proprietary platform silos, increased complexity, and lack of hardware and software compatibility. Only FreeStor addresses those challenges head on and delivers real value to help organizations reduce costs, eliminate silo's while providing real flexibility and freedom.



**Intelligent Abstraction** – Virtualizes existing AND future storage for a more efficient and available data pool



**Intelligent Predictive Analytics** – Provides real-time and historical analytics across the heterogeneous storage pool to better manage capacity, performance, and availability



**Intelligent Action** – Enables users to take action based on real-time information to optimize and maintain their storage environment from a single-pane-of-glass regardless of storage vendor or location

FreeStor gives customers the power to seamlessly migrate, recover, protect, and optimize data – on or off the cloud – without tying their business to specific hardware, networks, or protocols. Whether you are an Enterprise deploying a Private Cloud, or you are an MSP or CSP offering hosted /hybrid cloud services, FreeStor is optimized to deliver common data services at a lower cost to own, implement and manage.



**ADAPT FASTER**  
Provision storage in  
6 clicks - less than  
one minute



**LOWER YOUR COSTS**  
Pay up to 90% less than buying  
same features and capacity vs.  
array-by-array



**USE ONE TOOL**  
Single pane of glass for  
ALL storage; monitor,  
report and analyze from  
ONE tool

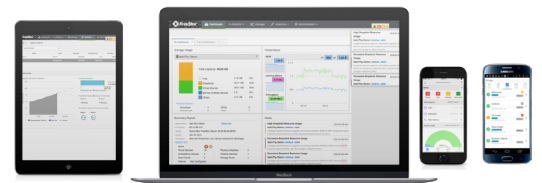


**NO SURPRISES**  
Track utilization and predict  
capacity to better forecast  
budgets and resources

## All New Interface Significantly Improves Management And Monitoring From A Single Pane Of Glass

An all new HTML-5 based GUI with full REST APIs significantly simplifies the implementation, management and monitoring of your storage infrastructure and data services from a single console. Users can set up customizable dashboards and get both real-time and historical information. Only FreeStor offers analytics and insight across heterogeneous storage environments with predictive insight.

A New Smart Rules engine allows users to take action, both pro-active and reactive, as needed. Everything you need in a single console to manage your entire storage infrastructure, saving costs, and reducing time to manage and deploy!



### A Compelling Business Case

- **Increase Agility**  
Common data services across storage infrastructures regardless of platform, type, or vendor
- **Eliminate Risk**  
16 years of proven data services ensure continuous operations without regard to the underlying hardware. Real-time analytics, with proactive and reactive alerts, maximizes productivity
- **Improve Efficiency**  
Virtualized storage pool, global deduplication, and WAN-optimized replication reduce operational and infrastructure costs
- **Increase Productivity**  
Single-pane-of-glass to provision, orchestrate, and manage capacity and data services
- **Reduce Costs**  
Right-size storage investments based on price-performance needed. Eliminate duplicate licenses for data services and vendor lock-in

# High-Performance Unified Storage Management Platform

FreeStor consists of the FreeStor Management Server centralized database, FreeStor Storage Servers and the FreeStor Global Dedupe Repository. The FreeStor Management Server handles storage virtualization through FreeStor's Intelligent Abstraction® layer. Storage administrators can use the FreeStor GUI from any browser, smartphone or tablet. The high-availability platform includes Active-Active I/O clusters and REST APIs to enable Enterprises, MSP's and Cloud Providers to integrate FreeStor in existing management consoles.

## Core Platform Capabilities

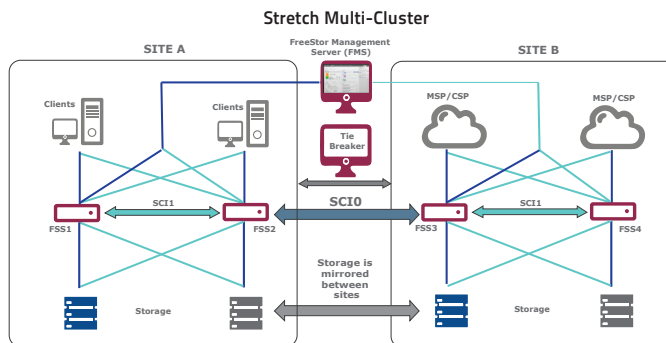
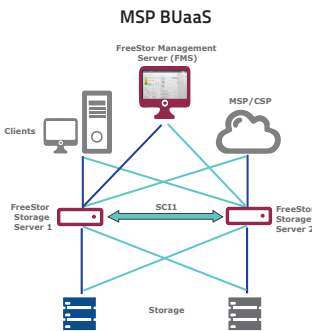
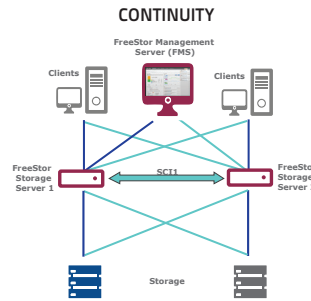
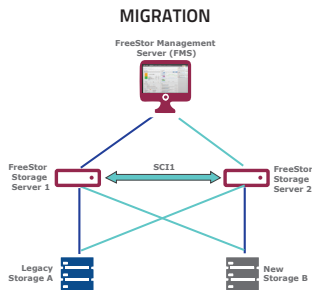
- MIGRATION** A unified platform for legacy and virtual storage resources
- CONTINUITY** Your data is available where and when needed, and optimized to work with the highest performance applications
- RECOVERY** Recover data wherever you travel via your mobile or tablet interface
- OPTIMIZATION** FreeStor's optimization with inline deduplication means lower storage costs and increased backup efficiency
- ANALYTICS** Provides real-time and historical analytics across the heterogeneous storage pool to better manage capacity, performance, and availability

## Technical Features

- **NEW:** Predictive Analytics across all storage resources
- **NEW:** Simplified Web UI w/ REST APIs
- **NEW:** SAP HANA Certification
- **NEW:** OpenStack Cinder Driver
- **NEW:** Smartphone apps for Android and iOS
- Next generation Intelligent Abstraction® layer
- Unified, centralized management, monitoring, and reporting via Web, tablet, and smartphone
- Improved Failover/HA (Active/Active)
- IO Cluster and IO Multi-Cluster (4-way)
- Over 1 million IOPS per IO Cluster using SSD
- Improved latency
- Inline block-level deduplication

## Technical Benefits

- Horizontal architecture with a single platform, and a single price
- Seamless migration of data to, from and across storage platforms
- Centralized management for enhanced simplicity
- Access the latest storage venues like the public/private/hybrid cloud, SSD and Flash



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