



Archive Facilitator™

Data Classification and Movement Tool

Plug-And-Play Appliance

Includes all required hardware and software for seamless integration

Integrated Archiving Solution

Combines discovery, classification, automated migration and cost-effective storage into one unified archiving solution

Transparent Data Access

End user and application requests for archived data are automatically and non-disruptively redirected to the HSA or A3

Contextual Classification

Provides flexible grouping and prioritization of data based on several key metadata attributes

Policy-Based Archiving

Automates archiving from primary storage to the HSA or A3 with an event driven policy engine

Tiered Storage Made Easy

Managing explosive storage growth with tight budgets is a constant challenge for most organizations. It is estimated that unstructured data represents 70% of the information being stored on expensive primary storage, and that 60-80% of that data has not been accessed or modified in over a year. Considering these statistics, it's not surprising that most organizations are considering a tiered storage strategy with active archiving to align data with storage based on business value.

PowerFile's Archive Facilitator™ makes tiered storage easy. It seamlessly integrates with the Hybrid Storage Appliance™ (HSA) and Active Archive Appliance™ (A3) to deliver data discovery, contextual classification, automated archiving, and cost-effective storage into one intelligent solution. The software collects and analyzes detailed information about the utilization and criticality of data, classifies and prioritizes data and storage resources, and uses administrative policies to automate data movement according to business rules.

Agentless Data Discovery

Archive Facilitator uses a non-disruptive approach for discovery of fixed-content on expensive primary storage that does not require installing agents and can be scheduled for non-production hours. In addition to full support for NAS, Windows, and UNIX/Linux platforms, Archive Facilitator is fully integrated with NetApp®, EMC® Celerra®, and EMC Centera®.

Contextual Classification

Archive Facilitator has the ability to classify and prioritize data based on key attributes including capacity thresholds, frequency of access, last time modified, age, size, type, and location. For large scale environments with multiple storage platforms, Archive Facilitator can implement global policies across all primary storage to further simplify classification management.

Automated Archiving

Once fixed content has been identified and prioritized, Archive Facilitator's policy engine offers

Third Party Integration

Fully integrated with NetApp and EMC APIs

Enterprise Scalability

Scans and manages up to 100 million files per appliance and up to 2 billion files per enterprise deployment

Unlimited Filer Scanning

Significantly lower overall costs than solutions that charge by storage capacity being scanned

Agentless Implementation

Non-invasive and does not degrade server performance



flexible migration options, each of which preserve critical file-level security (ACL) attributes:

Tag Migration - Provides transparent access to archived data by placing a small tag file on primary NetApp and EMC storage. Requests for archived data initiate a recall operation that automatically restores the file to its original location, providing both rapid response for subsequent recalls and seamless modification of data.

Link Migration - Provides transparent end user access to archived data by placing a shortcut (Windows) or symbolic link (UNIX/Linux) on primary storage. Requests for archived data are automatically redirected to the PowerFile appliance.

Relocation - Automatically migrates data from primary storage to the HSA or A3 without the use of tag or link files. Archived data is accessed directly from the PowerFile appliance.

Application Certification

In addition to full integration with NetApp and EMC APIs, Archive Facilitator is also certified with major anti-virus and backup software (McAfee®, Norton®, TrendMicro®, CA®, VERITAS®, Legato®, and Tivoli®) to smoothly integrate with existing processes and avoid unintended recalls of archived data.

Easy Deployment and Administration

Browser-based management is fully integrated with HybridOS™ to allow a single, remote administration console for controlling all archiving activities. The Archive Facilitator employs wizard-based functionality to further simplify system setup and policy administration.

FEATURE	FUNCTION	BENEFIT
Tiered Storage		
Automated Data Movement	Automated migration of high value fixed content from expensive primary to the HSA or A3	Reclaims expensive primary storage space and improves application performance
Policy-Based Data Management	Automated data management policies triggered by events defined by IT administrators	Eliminates the need to write scripts and reduces the management burden
Archive Management		
Link and Tag Migration	Migrates data by leaving behind a shortcut or stub file containing the path to the target file	Transparent user access and fast retrieval
File Relocation	Automatically migrates data from primary storage to the HSA or A3 without the use of link or tag files	Perfect solution for organizations that have already implemented corporate policies and procedures for archive
Backup Optimization		
Data Classification	Identifies eligible data for movement based on business value and established retention policies	Reduces amount of primary data to backup, lowering media cost and time needed for backup and ensuring faster primary storage recovery
Backup and Anti-Virus Software Integration	Ensures migrated files are not recalled during regular backup and anti-virus processes	Provides seamless integration into your existing environment and maximizes performance by eliminating unintended recalls of archived data

Active Facilitator Hardware and Software Specifications

Supported File Server Platforms

- NAS Devices
- EMC Celerra
- NetApp Filers
- Microsoft Windows
- Red Hat Linux
- Sun Solaris
- HP-UX
- IBM-AIX
- SGI IRIX
- Mac OS X

Archive Facilitator Hardware Specifications

Physical Dimensions (in/cm)	Width: 17.5 / 44.4 Height: 3.5 / 8.8 (2U) Depth: 24.6 / 62.5 Weight (lb/kg): 60.5 / 27.5
Agency Certifications	UL, cUL, CE, FCC Class A
Processor	2.8GHz Intel Xeon Processor with 800MHz FSB
ECC Memory	4GB PC3200 DDR SDRAM Running at 333MHz / 8 DIMM Sockets Supporting a Maximum of 16GB
Drive Configuration	Four (4) 250GB Hot-swappable Serial-ATA Drives, Preconfigured RAID 5 Array
Hardware RAID	Broadcom BC4452 Four Port SATA RAID Controller
Network Interface	Dual-Gigabit Ethernet Ports (auto-sensing 10/100/1000) / Support for Stand-Alone Failover and Load Balancing
PCI Expansion Slots	One (1) Half-height PCI-Express Slot / Two (2) Half-height PCI-X 133/100/66 MHz Slots / Two (2) Half-height PCI-X 100/66 MHz Slots / One (1) Half-height PCI-X 66 MHz Slot / One (1) Half-height PCI 32-bit/33 MHz Slot
Power	Power Supplies: Dual, Redundant 500W (Hot-swappable) Power Rating: 100-240VAC, 50-60Hz (Auto-sensing) Power Consumption: 142W Typical Heat Dissipation: 484.5 BTU/h Typical
Cooling	Hot-swappable Fan Tray Assembly with Redundant Fans
Environment	Operating Temperature (F/C): 41-95 / 5-35 Non-Operating Temperature (F/C): -40-158 / -40-70
Operating System	Microsoft® Windows® Storage Server 2003 std. ed.
Warranty	Standard: 1-Year Limited HW Warranty Optional: PowerCare 1, 3, and 5-Year Offerings

* PowerFile does not license or limit the Archive Facilitator software on scanning capacity. Environments with a significant number of small files may encounter a limitation in the processing capabilities of the Archive Facilitator hardware.