



HP StorageWorks software portfolio

HP StorageWorks software portfolio

Your storage needs and requirements have changed significantly in the last few years. What you once stored on a couple of systems has grown into an entire network of storage to support. You now need to allocate space for different levels of archiving. You have strategic consolidation, compliance, continuity or even information lifecycle management (ILM) initiatives to manage—and at the same time you need to make sure data is protected.

For open, standards-built software that supports heterogeneous storage and adds value to your existing HP StorageWorks hardware investment, look to the HP StorageWorks software portfolio. Implementing these solutions can help you reduce costs, simplify your storage infrastructure, protect your vital assets and allow you to respond faster to the needs of your business.

Data protection and recovery

Mitigating risk by protecting data and corporate assets is a prime concern for your business. HP data protection and recovery solutions provide a full suite of tools to help you utilize both disk and tape systems to create a more effective and powerful data protection solution.

Data protection and recovery software suite

HP Data Protector software

For automated high-performance backup and recovery from disk or tape, turn to HP Data Protector software. This software allows you to automate processes over unlimited distances, helping to enable 24x7 business continuity and improved IT resource utilization.



HP Data Protector Express software

For easy management of backup and recovery, as well as security for data, applications and systems, HP Data Protector Express software has just what you're looking for. All components run on Windows®, Linux® and NetWare environments, supporting tape, disk and DVD/CD media, and the new HP StorageWorks D2D Backup System.

HP Continuous Information Capture Solution

If rollback for both databases and applications is needed, the HP StorageWorks Continuous Information Capture (CIC) Solution can help meet the needs of both midsize and enterprise environments. CIC is part of the suite of products that comprise the HP Information Lifecycle Management (ILM) portfolio.

HP Application Recovery Manager software

Designed to improve the efficiency of your IT resources, HP Application Recovery Manager (AppRM) software allows for the backup and recovery of business application data. Powered by Data Protector software technology, AppRM is a stand-alone solution intended to complement your existing third-party backup strategy.

For more information on data protection and recovery software listed here, please visit www.hp.com/go/DPR.

HP Services

HP Services has end-to-end, industry-leading expertise in delivering solutions that help you improve your business agility. From initial assessment and design to technical integration and ongoing support, HP Services can be your single point of contact and accountability. HP offers installation and implementation services for various HP Software including:

- HP Backup and Recovery Solution Service
- Data Replication Solution Service
- HP StorageWorks Command View Advanced Edition/Remote Web Console Migration Service
- HP OpenView Virtual Replicator Installation and Startup Service
- HP Reference Information Storage System Installation and Startup Service
- HP Reference Information Manager Installation and Startup Service
- File System Extender (FSE) Implementation Service
- HP Cluster Extension Solution Implementation and Startup Service for XP and EVA Arrays
- HP Medical Archiving Solution (MAS) Installation and Startup Service
- HP File Migration Agent (FMA) Installation and Startup Service
- HP Storage Mirroring Installation and Startup Service
- HP Enterprise File Services (EFS) Clustered Gateway Installation and Startup Service
- HP Enterprise File Services (EFS) WAN Accelerator Installation Service
- HP Continuous Information Capture Installation and Startup Service
- HP Reference Information Manager for Databases Implementation Service
- HP RISS Backup Installation and Startup Service
- HP RISS Replication Installation and Startup Service
- HP StorageWorks Application Recovery Manager (AppRM) Installation and Startup Service

Other appropriate services for HP Software include:

- HP Care Pack Services—a comprehensive portfolio of services for maintaining the highest levels of IT availability
 - Critical Service
 - Proactive 24 service
 - Support Plus 24 service
- Instant Support Enterprise Edition (ISEE)—remote monitoring and support solution for your servers, storage and networks
- Business Continuity Services—protect and minimize disruption to IT infrastructure and associated business processes against site outages, disasters and environmental events

Across the globe, enterprise customers rely on HP Services to design, deploy, manage and support the IT systems that run their businesses. HP Services capabilities cover consulting and integration, outsourcing and support services. With more than 69,000 services professionals operating in 170 countries, acknowledged technology leadership, and a heritage of innovation in services, HP Services can point to an extensive track record of helping customers improve their ability to support their changing business needs. For further details, contact your HP sales representative or visit www.hp.com/hps/storage.

Data archive and migration

Managing and archiving your data have never been more important to your business. Data must be retained for longer periods of time and application performance impacts must be taken into consideration. HP has a data archiving and migration software suite that can help—from e-mail and data files to databases and medical image archiving. These software tools help you comply with the increasing number of data retention requirements.

Data archive and migration software suite

HP Reference Information Storage System

HP Reference Information Storage System is a fully integrated and content-aware flexible archiving platform. It is designed for midsize to large enterprise and remote branch office (RBO) environments.

HP Reference Information Manager (RIM) for Databases software

Database management is a constant concern for IT managers and database administrators. Database volumes continue to grow dramatically in size, and corporate and government regulations have very specific requirements that also must be addressed in your infrastructure. RIM for Databases helps to control database growth, dramatically improving performance and reliability while lowering overall cost of ownership.

HP RIM for Messaging software

Organizations everywhere are challenged to route, maintain and archive massive amounts of e-mail, all while controlling storage and management costs. HP RIM for Messaging is an e-mail archiving application that helps you reduce the cost of e-mail storage while addressing compliance requirements. It was specifically designed as an application connector to the HP Reference Information Storage System.

HP RIM for Files software

Not only are you concerned about the management of messaging and databases, but individual data files themselves also need to be managed within the applicable regulatory guidelines. HP RIM for Files software takes a similar approach to archiving and retrieval as RIM for Databases and RIM for Messaging, but focuses on the unique needs of file storage and retention.

HP File Migration Agent software

From small businesses to enterprise environments, at some point, everyone will have the need to migrate files from one storage device to another. HP File Migration Agent works with policy-based file migration and archiving to storage targets—including HP Reference Information Storage System, HP File System Extender and NAS via Common Internet File System (CIFS) protocols.

HP File System Extender software

There are times in the lifecycle of your data that files need to be off-loaded from the high-cost and high-performance production system to low-cost storage. HP File System Extender software provides file system archiving while offering lower total cost of ownership of storage for your organization.

HP Medical Archive Solution

If you need a system that accurately and efficiently manages the storage of medical information and images, HP Medical Archive Solution can provide significant improvements to your existing environment. HP Medical Archive Solution uses grid-based computing software to implement an information lifecycle management (ILM) solution for the security-enhanced and reliable storage and transmission of medical imaging data.

For more information on the data archive and migration software listed here, please visit www.hp.com/go/Archival.

Storage replication software

Data replication is vital to your business. Data must be retained for longer periods of time and application performance impacts must be taken into consideration. HP has a data replication solution that can help. This solution helps you comply with the increasing number of data retention requirements. It also helps you improve application performance and reduce cost by efficiently migrating your files to the correct level of storage—for example, infrequently accessed or less valuable data resides on lower cost storage devices.

Replication software suite

HP StorageWorks Storage Mirroring software

To prevent data loss from failure, error or disaster, HP StorageWorks Storage Mirroring software provides host-based replication of your valuable Windows®, Exchange and SQL data to another server. Proactive replication is a key strategy that can be coupled with tape backup and/or snapshot technology for nearly continuous data protection and point-in-time copies of data.

Replication for the HP StorageWorks Enterprise Virtual Array (EVA)

HP StorageWorks Business Copy EVA software

Data replication is critical to make sure that your files are protected in the event of an outage. Business Copy EVA software utilizes a powerfully simple graphical user interface (GUI) to create, manage and configure local replication on the entire EVA product family. Business Copy EVA also offers true space-efficient copy of source volumes that can be mounted to have read/writable access.

HP StorageWorks Continuous Access EVA software

You need to protect your data from a site outage or disaster and a proven solution for remote replication is Continuous Access EVA. It uses the same GUI interface as Business Copy EVA, simplifying the management of your local and remote copies.

Replication for the HP StorageWorks XP Disk Array

In your business it is critical that your production operations not be interrupted or impacted by the need to manage copied files. Replication software solutions for the HP XP Disk Array help you effectively manage your files while reducing potential impact on current operations. Business Copy XP allows for copy on demand of selected disk volumes for local replication, and Continuous Access XP uses efficient array-based remote replication to create online copies of critical data at a distant location.

HP StorageWorks Cluster Extension EVA software

HP Cluster Extension EVA software is an integrated solution that protects against system downtime with automatic failover of application services and read/write enabling of remotely mirrored storage over metropolitan distances. No server reboots or LUN presentation/mapping changes are required during failover, making it true hands-free failover/failback decision-making.

HP StorageWorks XP Cluster Extension software

Like HP Cluster Extension EVA software, HP XP Cluster Extension software offers comprehensive disaster tolerance against application downtime and resurrects your critical application at a remote site. In addition, HP XP Cluster shields your business from threat over global distances.

For more information on Storage Replication software listed here, please visit www.hp.com/go/replication.

Storage resource management

You need stability in managing your business and IT storage infrastructure—from making storage management simple to increasing storage utilization without increasing IT staff. Imagine managing your demanding and changing IT storage infrastructure with a single tool set. HP Storage Essentials Storage Resource Management (SRM) solutions can help—they deliver the control you need in order to provide the right information to the right people at the right time.

Storage Resource Management (SRM) software suite

HP Storage Essentials Enterprise Edition SRM software suite

You need a solution with the monitoring, reporting, correlation, provisioning and automation capabilities of traditionally separate point products for storage area network (SAN) management, storage resource management (SRM), provisioning and application management in one scalable, easy-to-use solution. HP Storage Essentials Enterprise Edition software suite does exactly that.

HP Storage Essentials Standard Edition SRM software

HP Storage Essentials Standard Edition SRM software is an affordable solution that improves SAN capacity, increases IT staff efficiency and simplifies end-to-end troubleshooting and reporting. From a single, web-based, security-enhanced enterprise console you can configure your storage environment and monitor file system utilization to reclaim wasted space and facilitate file server availability. For more information on the storage resource management software listed here, please visit www.hp.com/go/SRM.

Storage infrastructure software

Managing your infrastructure is a critical part of successful IT environments. HP provides software that covers multi-path, failover, volume management and virtualization activities. These products help you to decrease single-points-of-failure, reduce constraints imposed by physical storage boundaries and simplify storage management.

Infrastructure software suite

HP StorageWorks Secure Path software

Today's business environment requires that you provide services and availability on a 24x7 basis. HP StorageWorks Secure Path software helps you meet that requirement with no single-point-of-failure for storage area networks (SANs) and external storage solutions.

HP OpenView Storage Volume Growth software

Growing volumes of data require an easy way to add system capacity. HP OpenView Storage Volume Growth software is a host-based software allowing IT administrators to dynamically grow their Windows® 2000/Windows Server 2003 file system.

For more information on storage infrastructure software listed here, please visit

www.hp.com/go/StorageInfrastructure.

Device management

Device management allows you to distribute applications, data and configuration settings to appropriate storage settings. You can then utilize specific functionality and security features to keep your data and devices safe, while limiting cost and downtime.

Device management software suite

HP StorageWorks XP software

HP StorageWorks Command View XP software

For organizations that are looking to increase collaboration among global team members, reduce travel and increase IT administration efficiency, HP StorageWorks Command View XP software is the solution.

HP StorageWorks Cache LUN XP software

Whether you are running an e-commerce site, a business-to-business portal or large databases, the rapid flow of information is important. With HP StorageWorks Cache LUN XP software, you can speed up access to mission-critical data.

HP StorageWorks Auto LUN XP software

HP StorageWorks Auto LUN XP software provides automatic monitoring and workload balancing for your XP disk arrays.

HP StorageWorks LUN Configuration and Security Manager XP software

For convenient LUN management and data security for your HP XP disk array, HP StorageWorks LUN Configuration and Security Manager XP software allows for LUN management, LUN size expansion and volume size configuration.

HP StorageWorks Performance Advisor XP software

You need to be able to quickly and easily assess your infrastructure for any possible performance issues that your system may experience. HP StorageWorks Performance Advisor XP software is a web-based performance and configuration data-monitoring tool for XP disk arrays.

HP StorageWorks Performance Control XP software

In order to efficiently and effectively provide your customers with available data, you need to be able to prioritize your critical systems, align IT priorities with storage performance resources and allow these resources to be intelligently allocated to hosts. HP StorageWorks Performance Control XP is the performance allocation tool for XP disk arrays.

HP StorageWorks Resource Manager XP and Data Exchange XP software

Host-to-host data conversion traffic on your network can significantly impact performance. HP StorageWorks Resource Manager XP allows you to connect an XP array to a mainframe system and link with HP StorageWorks Data Exchange XP to enable sharing of information across computing platforms.

HP StorageWorks XP Data Shredder software

HP StorageWorks XP Data Shredder software is now supported on the XP12000 disk array. Its security features erase selected data volumes with up to eight overwrite passes to reduce the chance of anyone ever recreating the data.

HP StorageWorks XP Disk/Cache Partition software

There are times when you might want to subdivide an XP disk array into smaller storage segments to achieve corporate storage-related initiatives—such as consolidation, tiered storage, chargeback and application usage tracking. HP StorageWorks XP Disk/Cache Partition software runs on the HP StorageWorks XP12000 disk array and can help enterprises like yours separately configure and manage each domain or partition.

HP StorageWorks XP Thin Provisioning software

HP StorageWorks XP Thin Provisioning software reduces the cost, accelerates return on investment and reduces the environmental impact of your HP StorageWorks XP 24000 Disk Array. By enabling you to allocate your anticipated future storage capacity needs from virtual disk storage, it reduces the amount of physical disk capacity initially required.

HP StorageWorks EVA software

HP StorageWorks Command View EVA software

HP StorageWorks Command View EVA software is a comprehensive software suite designed to simplify array provisioning and management of the high-performance HP StorageWorks Enterprise Virtual Array (EVA) family of storage array products.

HP StorageWorks Dynamic Capacity Management EVA

With HP Dynamic Capacity Management EVA you can quickly deploy and adaptively provision storage to applications with lower acquisition cost for accelerated resource and capital ROI.

HP StorageWorks B-series and C-series switch software

HP StorageWorks Fabric Manager software

The fast-paced IT environment you have means that you need to be able to make changes in real time. HP StorageWorks Fabric Manager software is a highly scalable, Java™-based application that manages multiple B-series switches and fabrics in real time.

HP StorageWorks Secure Fabric OS (for B-series switches) software

It is important to your business that you are able to customize SAN fabric security in order to meet specific policy requirements. HP Secure Fabric OS software solutions include a comprehensive SAN infrastructure security software tool and value-added services for 1-, 2- and 4-Gb SAN switch and director-class environments.

Advanced Fabric Services (for B-series switches) software

HP StorageWorks B-series Advanced Fabric Services software is a suite of software tools that offers the most comprehensive software bundle for greatest performance and complete SAN management.

Cisco MDS 9000 Fabric Manager Server (for C-series switches)

The standard Cisco Fabric Manager software that is included at no charge with the MDS switches provides basic switch configuration and troubleshooting capabilities. The Cisco Fabric Manager Server (FMS) Package extends Cisco Fabric Manager by providing historical performance data collection for network traffic hot spot analysis, centralized management services and advanced application integration.

HP StorageWorks Tape Library software

HP StorageWorks Command View for Tape Libraries software

Unlike other enterprise tape libraries that use a collection of unconnected utilities to monitor and manage the system, HP Command View for Tape Libraries (TL) software lets you manage multiple HP E-series tape libraries and HP Virtual Library Systems from a single program.

HP StorageWorks Secure Manager for Tape Libraries software

For an additional level of security that allows you to control access to the tape library by authorizing specific servers to access the library's drives and robotics, HP StorageWorks Secure Manager for Tape Libraries (TL) software is an optional module for Command View TL that increases backup reliability by blocking disruptive traffic from unauthorized hosts to the library, which is one of the main causes of failed or incomplete backups.

For more information on the device management software listed here, please visit

www.hp.com/go/StorageDeviceManagement.

HP Services

Get the most from your software investment

HP provides high-quality software services that address all aspects of your software application lifecycle needs. With HP, you have access to standards-based, modular, multi-platform software coupled with global services and support. The wide range of HP service offerings—from online self-solve support to proactive mission-critical services—enables you to choose the services that best match your business needs.

A complete solution

Comprehensive training

HP provides a comprehensive curriculum of HP storage software and IT Service Management courses. These offerings provide the training you need to realize the full potential of your HP solutions, increase your network optimization and responsiveness, and achieve better return on your IT investments.

With more than 30 years experience meeting complex education challenges worldwide, HP knows training. This experience, coupled with unique insights into HP Software products, positions HP to deliver the optimum training experience. For more information about these and other educational courses, visit www.hp.com/learn.

The smartest way to invest in IT

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