



Fact Sheet

HP Expands X5000 Storage Portfolio to Simplify Unstructured Data Management for SMBs

Seamless Windows environment integration boosts productivity, reduces IT administration and total cost of ownership

Overview

Managing IT costs and complexities amidst massive growth in data volume is especially challenging for small and medium-size businesses (SMBs). With limited IT budgets and administration resources, these companies must find ways to maintain highly available, high-performance access to information without increasing maintenance, energy use or data center footprint costs.

Legacy network attached storage (NAS) architectures for SMBs are increasingly overwhelmed by the growth of richer unstructured data types, such as images, audio and video. Designed on proprietary operating systems, these legacy NAS platforms are difficult to integrate with Windows IT-based infrastructure services such as Active Directory, Distributed File System and Microsoft® System Center. The result is decreased performance and lengthier, more frequent workflow disruptions.

The expanded HP X5000 Storage portfolio delivers increased capacity and small form factor (SFF) drive support to help SMBs keep up with the explosive growth of unstructured data while lowering total cost of ownership.

Seamless Microsoft environment integration simplifies IT administration

HP X5000 Storage is a highly available clustered file storage platform designed in collaboration with Microsoft, ensuring users always have access to file data and IT staff are able to leverage existing Microsoft skills. HP X5000 Storage is 100 percent compatible with Windows IT infrastructure services, including Active Directory and Microsoft® System Center. In addition, Microsoft Windows antivirus and backup software can run directly on HP X5000 blades, eliminating the need for further hardware investments.

This comprehensive integration simplifies storage deployment and provisioning. Using HP X5000 Storage in Windows environments simplifies ongoing data center maintenance while reducing IT administration time by eliminating the need for secondary management interfaces.

IT management is further simplified by built-in, intelligent data management HP X5000 features such as BranchCache and File Classification Infrastructure (FCI). BranchCache reduces network utilization between the head office and branch offices and improves user experience by caching frequently accessed content locally. FCI allows administrators to easily manage sensitive data as well as to flag old information for archive, thereby increasing security and reducing costs for SMB environments.

Increased unstructured data capacity without higher cost

Capable of supporting more than 10,000 end users on a single base system, HP X5000 Storage offers the efficiency and scalability to allow SMBs to start small and grow as needed.

The portfolio supports SFF as well as three terabyte large form factor (LFF) midline SAS drives, which enables SMBs to easily expand capacity without increasing data center footprint to support rapidly growing unstructured data volume and types of file data on Windows networks.

In addition, HP X5000 Storage provides built-in deduplication, compression and file-classification features, enabling customers to recover up to 30 percent of existing disk space while organizing data by business value to reduce future expansion costs.⁽¹⁾

Part of [HP Converged Infrastructure](#) and [HP Converged Storage](#) platform, the advanced features of HP X5000 Storage also enable SMBs to:

- Ensure business continuity through a two-node, active-active design that provides continuous data access in the event of hardware failures.
- Reduce power consumption by 58 percent, cooling requirements by 63 percent, and physical footprint by 50 percent⁽²⁾ by eliminating separate server nodes and other network infrastructure.

Other HP solutions for unstructured data include [HP X1000 Storage](#), [HP X3000 Storage](#) and enterprise-class scale-out [HP IBRIX Storage](#).

Pricing and availability

HP X5000 Storage is available immediately worldwide, with a U.S. list price starting at \$30,229, including active-active clustered controllers, all software features and 10GbE connectivity.

(1) Single Instance Storage (SIS) file deduplication can recover up to 30% of disk space by de-duplicating files and reducing the amount of redundant data stored (based on Microsoft internal testing).

(2) Based on comparison of X5000 vs. two node server deployment with dedicated disk shelves.

Microsoft and Windows are U.S. registered trademarks of Microsoft Corporation.

© 2012 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty

statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.