

## Optimizing IT resources for an agile business

### What Customers Are Saying

"With Network Attached Storage appliances powered by Windows, we were able to add a great deal of storage to the network with a very small footprint and at a very reasonable price."

—Eric Craig  
Director, Network and Systems  
Engineering, Continental Airlines

### File Server Consolidation

With the explosion of Information Technology (IT) infrastructure fueled by the Internet, e-commerce, and automation, IT costs and management overhead continue to grow at a rapid pace. A significant percentage of enterprise server infrastructure is typically dedicated to file serving, and consolidating these file servers can help:

**REDUCE COSTS** An optimized infrastructure will lead to reduction in acquisition and management costs to help reduce the total cost of ownership.

**SIMPLIFY MANAGEMENT** Consolidation enables streamlining of management processes thereby reducing overhead and helping you to better focus on strategic and value-added functions.

**DELIVER BUSINESS AGILITY** Deploying reliable, scalable server solutions enables your enterprise to meet current business needs and respond quickly to changing business needs.

### File Server Consolidation with Windows Powered NAS

Microsoft® Windows® Powered Network Attached Storage (NAS) is an optimized file server based on Microsoft Windows technology that is designed for high reliability, availability, and ease of management.

Windows Powered NAS is an ideal platform for file server consolidation for the following reasons:

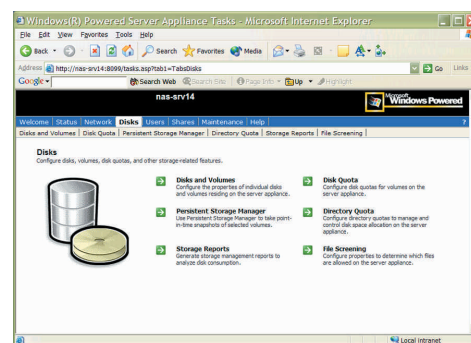
**OPTIMIZED SOFTWARE AND HARDWARE** Access stored files with more reliability using a Windows operating system that is optimized for file serving. In addition, built-in hardware redundancies are included in the solution to avoid any single points of failure within the device.

**PERSISTENT STORAGE MANAGER** Provide high data availability by creating and managing up to 250 data snapshots. Entire server volumes of corrupted or deleted data can be restored within minutes, instead of hours that might be required to restore from tape.

**PLUG-AND-PLAY DEPLOYMENT** Deploy a preconfigured Windows Powered NAS solution in minutes. Use a Web interface to connect to the network, join an Active Directory® directory service domain or a local

workgroup, add users, create shares, and select file sharing protocols.

**REMOTE MANAGEMENT** Manage devices remotely through a Web user interface, Terminal Services, or standard enterprise server management utilities.



Easily deploy and manage Windows Powered NAS through a Web user interface.

**ACTIVE DIRECTORY INTEGRATION** Take advantage of existing Active Directory policies to centrally manage Windows Powered NAS using Group Policy, Kerberos Authentication, Encrypted File System, and more.

**NETWORK INTEROPERABILITY** Easily configure Windows Powered NAS to interoperate with most common network environments, including Windows, UNIX, Novell NetWare, and Apple Macintosh.

**SUPPORT FOR ANTIVIRUS AND MANAGEMENT TOOLS** Leverage existing IT investment in antivirus and server management tools.

### Low Total Cost of Ownership

Windows Powered NAS enables IT administrators to easily manage growing amounts of data while reducing storage costs. Customers can acquire Windows Powered NAS at one of the lowest costs per gigabyte available, and take advantage of high scalability to expand storage capacity as needed.

Advanced availability features, ease of deployment and management, and seamless enterprise integration also combine to lower the total cost of ownership.



## Quest Software's FastLane Consolidator for Consolidation to Windows Powered NAS

You've chosen to consolidate file servers and you've selected a vendor for Windows Powered NAS. But how will you execute the actual consolidation? To quickly realize the ROI benefits of consolidation, you need a solution to help plan and scope your project as well as automate the migration of data—files, folders, and security settings—to Windows Powered NAS. FastLane® Consolidator, the industry-leading online data migration product, enables you to plan and execute consolidation projects.



Use FastLane Consolidator's wizards to consolidate files, folders, and security to Windows Powered NAS devices.

## Simplify and Automate Consolidation

FastLane Consolidator lets administrators perform fast, repeatable, automated consolidations that accelerate your time to ROI.

**PLAN YOUR PROJECT** Consolidator's agentless Storage Analyzer component provides you with the storage metrics you need to identify the data you want consolidated onto Windows Powered NAS and get rid of the junk.

**DO IT RIGHT THE FIRST TIME** Consolidator migrates files, folders, shares, and security. Predefined rules handle conflicts such as duplicate local groups and shares.

**MINIMIZE IMPACT ON PERFORMANCE** Limit your impact on the network with Consolidator's bandwidth throttling, configurable "blackout" windows, and cooperative use with media backup/restore to handle slow links.

**MAKE SEAMLESS TRANSITIONS** Built-in utilities update end-user profiles and desktops, including drive mappings and OLE links, providing a transparent cutover for end users and the helpdesk.

## Quest Software Solutions for Microsoft Infrastructure Management

Quest Software, Inc. is a leading provider of application management solutions. As a Microsoft Global Gold Certified Partner, Quest offers solutions for managing Windows, SQL Server, Active Directory™, Exchange, and .NET environments. Our products simplify administration, expedite migrations and ensure peak performance of your business-critical Microsoft infrastructures.



## For More Information

Preconfigured Windows Powered NAS solutions are available from industry-leading OEMs, in sizes ranging from a few hundred gigabytes to several terabytes, to help meet your file server consolidation needs.

To learn more about Windows Powered NAS and solutions from our leading OEMs, visit [www.microsoft.com/storage](http://www.microsoft.com/storage).

To learn more about Quest Software's FastLane Consolidator, visit [www.quest.com/fastlane/consolidator](http://www.quest.com/fastlane/consolidator).

The information contained in this document represents the current view of Microsoft Corporation and Quest Software on the issues discussed as of the date of publication. Because Microsoft and Quest must respond to changing market conditions, it should not be interpreted to be a commitment on the part of Microsoft or Quest, and Microsoft and Quest cannot guarantee the accuracy of any information presented after the date of publication.

This document is for informational purposes only. MICROSOFT AND QUEST MAKE NO WARRANTIES, EXPRESS OR IMPLIED, IN THIS DOCUMENT.

© 2002 Microsoft Corporation and Quest Software, Inc. All rights reserved.

Microsoft, Active Directory, and Windows are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. Quest, Quest Software and FastLane are either registered trademarks or trademarks of Quest Software, Inc.

The names of actual companies and products mentioned herein may be the trademarks of their respective owners.