

# Novell<sup>®</sup>

# NetDevice

## NAS

Storage Services

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PRODUCT BROCHURE



Novell<sup>®</sup>

# table of contents

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- 2—EASY-TO-MANAGE INSTANT STORAGE SOLUTION
- 2—HARDWARE INDEPENDENCE
- 2—LEVERAGE THE NOVELL ENVIRONMENT
- 3—INSTANT STORAGE
- 3—SECURE ASSETS
- 3—INDUSTRY STANDARD PROTOCOLS
- 3—COMPREHENSIVE BACKUP SUPPORT
- 4—UNMATCHED PERFORMANCE AND SCALABILITY
- 4—SIMPLIFYING BRANCH OFFICE STORAGE DEPLOYMENT
- 4—KEEP YOUR WORKGROUPS WORKING TOGETHER
- 4—CONCLUSION
- 5—FOR MORE INFORMATION

# easy-to-manage instant storage solution<sup>N</sup>



The Web has had a tremendous affect on the way your company does business, including how you look at your information storage strategies. Web-page downloads, e-mail usage, file exchanges over the Internet, and the escalating role of multimedia in the digital workplace have all contributed to the exponential rise in the amount of data generated and stored by your organization.

The NetDevice NAS appliance from Novell® “provides you a way to quickly and easily address your escalating demands for more storage. The NetDevice NAS solution embraces all of the values inherent to typical Network Attached Storage (NAS) appliances, but it extends far beyond these other offerings. As the first “soft appliance” storage solution targeted at branch offices and workgroups, NetDevice NAS works in any environment, including Novell eDirectory™, to give you hardware-independent add-on storage.

## COST-EFFECTIVELY INCREASE STORAGE

*“With Novell’s storage appliance, we have the ability to dramatically increase our storage capacity at a much lower cost than we could have otherwise.”*

—Mark Clarridge  
Ames Laboratory US  
Department of Energy

## HARDWARE INDEPENDENCE

As a soft appliance, you can deploy a NetDevice NAS solution on virtually any Intel-based computing platform. You can maximize your relationships with your existing computing and storage system providers and enjoy all the benefits of adhering to your organization’s internal IT standards.

NetDevice NAS even lets you address your growing storage needs by re-deploying existing systems that you might already have on hand.

## LEVERAGE THE NOVELL ENVIRONMENT

Only the Novell NAS solution gives you the ability to leverage the inherent security, manageability, and reliability of the industry’s most powerful

directory service—eDirectory from Novell.

Each NetDevice NAS appliance has an embedded eDirectory tree that can be easily joined to your organization’s enterprise eDirectory tree. Also, whether you have a NetWare®, UNIX®, or Windows® network environment, or a mix of all three, eDirectory lets you centrally manage user access to any NetDevice NAS appliance connected to your information infrastructure.

NetDevice NAS also integrates with Novell’s ZENworks® for Servers to allow you to easily setup a distribution channel that securely distributes software content from a master server to any NetDevice NAS appliance deployed within your IT environment or at your partners’ sites across the Internet.

## INSTANT STORAGE

NetDevice NAS appliances simplify the way you add and manage your additional storage. It gives you a plug n' store solution that enables you to quickly and easily augment the storage capacity of your IT infrastructure. In as little as twenty minutes, you can have a new NetDevice NAS up and running, ready to handle your growing storage needs.

Also, the NetDevice NAS solution gives you the option of using its Web browser-based administration tool to easily perform file management tasks, create users and directories, and assign user rights. Its simple drag-and-drop interface eliminates the need to use high-salaried IT professionals for routine administrative tasks.

Also, the NetDevice NAS solution's inherent support of NetWare, Windows, and UNIX protocols enables you to manage the appliances using the administration tools native to your network environment.

## SECURE ASSETS

Novell has leveraged more than a decade of its security experience in the design of the NetDevice NAS appliance to enable you to secure and protect your digital assets stored anywhere in your enterprise, including your branch offices, departments, and workgroup environments. Its secure management port, granular file-level Access Control Lists (ACLs), and encrypted data access methods help ensure that only authenticated users have access to data stored on all your enterprise's NetDevice NAS appliances.

## INDUSTRY STANDARD PROTOCOLS

NetDevice NAS allows you to accelerate your network through its utilization and support of industry standard file protocols and namespaces. The solution includes native storage access support for Windows, UNIX, Linux\*, NetWare, and Web-based clients. Future releases of NetDevice NAS will include client access support of Apple\* Filing Protocol (AFP) for Macintosh\* networks and WebDAV.

Also, its support for simultaneous, cross-platform authentication also facilitates cross-platform file sharing between NetDevice NAS appliances running in mixed network environments. Your users can work in completely different networking environments, but still have shared, native access to any files stored on any NetDevice NAS appliance deployed throughout your enterprise.

## COMPREHENSIVE BACKUP SUPPORT

NetDevice NAS incorporates Novell's Storage Management Services (SMS) technology to give you the broadest backup support of any NAS appliance on the market. NetDevice NAS appliances work seamlessly with backup solutions from leading backup vendors, including Legato, Computer Associates, Veritas, and others. This level of backup support allows you to deploy NetDevice NAS appliances with the confidence that they will operate with your existing enterprise backup solutions and strategies.





### UNMATCHED PERFORMANCE AND SCALABILITY

The NetDevice NAS solution leverages Novell Storage Services (NSS) to provide support for virtually an unlimited number of directory entries without any degradation in system performance. You can store large objects and large numbers of files while still enjoying rapid access to data. Large volumes can be mounted and brought online in seconds rather than hours.

The NSS technology inherent to NetDevice NAS also enables the appliances to scale to meet all of your present and future storage needs. A single volume on a NetDevice NAS appliance can scale up to 8 Terabytes, with support for billions of files and their associated directories.

### SIMPLIFYING BRANCH OFFICE STORAGE DEPLOYMENT

You can't always address the ever-increasing storage needs of your remote branch offices in the same manner as your corporate environment. Geographic location, number of employees, and IT expertise residing at the remote office all affect your ability to add and manage additional storage at your remote sites.

NetDevice NAS solution gives you an easy, cost-effective way to quickly address the growing storage needs of your remote branch offices. Its simple design makes it easy for local non-technical branch employees to deploy and manage the storage solution. If you would rather not have employees in the remote office manage the storage appliance, NetDevice NAS gives you the flexibility to centrally manage the branch

office appliances as part of your corporate eDirectory tree.

### KEEP YOUR WORKGROUPS WORKING TOGETHER

You might have a few sets of users running UNIX, several different workgroups on Windows NT\*, and a number of departments relying on NetWare. As you increase the storage capacity of these different groups, you want to make sure that they'll be able to continue to collaborate and share files stored on the NAS appliances that you deploy.

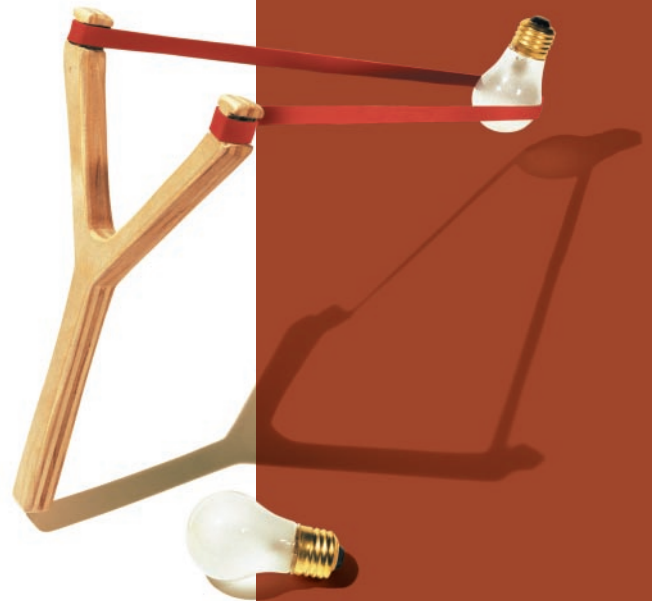
Only the NetDevice NAS solution from Novell gives you the cross-platform file-sharing and simultaneous, cross-platform network authentication that you need to keep the users in your mixed network environments working together. NetDevice NAS creates a one Net environment where all users on any network, in any department, across the entire enterprise can access any data stored on any NetDevice NAS appliance on the Net.

### CONCLUSION

The NetDevice NAS appliance from Novell gives you the ability to quickly increase storage capacities while experiencing fewer hassles, greater scalability, superior performance, easier management, and higher levels of usability and interoperability than competing NAS solutions. It gives you the power to change your storage tactics into a flexible, easily managed, high performing, and cost-reducing one Net storage strategy.

**FOR MORE INFORMATION**

To find out how Novell NetDevice NAS can give you the power to change the way you do business, contact your local Novell Authorized Reseller or visit the Novell Web site at: <http://www.novell.com>



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