Network Storage White Paper

Data Sharing Solutions From LaCie

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LaCie Ethernet Disk

As the extensive use of digital consumer electronics continues to accelerate exponentially, consumers and professionals are increasingly looking for data storage and sharing solutions.

It's clear why internal hard drives are routinely filled and servers stagger as storage architects struggle to keep up with the ever-evolving needs of digital consumers. Capacity and compatibility limitations often contribute to intractable workflow restrictions, and common network storage solutions are prohibitively expensive and infamously difficult to integrate into existing networks.

Solutions from LaCie

Meet the solution to your data-sharing needs: the LaCie Ethernet Disk and Ethernet Disk mini. Sharing huge amounts of data effortlessly between Windows, Apple and Linux environments is a breeze for the Ethernet Disk and Ethernet Disk mini.

More Than Hard Drives

Think of the Ethernet Disk and Ethernet Disk mini as "more than hard drives." One of the advantages of network storage is that you don't need to place the storage device near to your computer. Simply power on the drive, plug the Ethernet chord into a router or a switch on the network, and begin sharing files.

The beauty of the Ethernet Disk and Ethernet Disk mini lies in their simplicity. Once the Ethernet Disk or Ethernet Disk mini is connected to your network, all you need to do is type http://edmini or the drive's IP address in your browser's address field to access the configuration page. Finding your drive's IP address couldn't be easier; simply download LaCie's free IP Configurator.

Accessible to any computer via a Web browser, administration and control can be managed remotely or on-site, and doesn't require a degree in network administration.

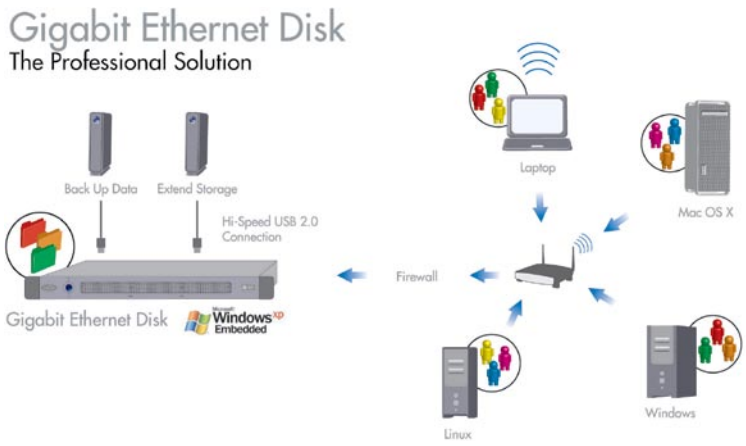
Flexible Cross-Platform Solution

Operating seamlessly in Windows, Apple Macintosh and Linux environments, both products feature an auto-sensing 10BaseT and 100BaseTX connection to local area networks (the most common Ethernet-based network connections) and support DHCP for effortless setup. Both solutions are compatible with TCP/IP, SMB/CIFS, Apple Talk, FTP and HTTP file sharing protocols to easily integrate into your operating configuration.

The ExtremeZ-IP File Server (compatible with the Ethernet Disk only) offers support for Apple's latest version of the Apple file sharing protocol, AFP v3.1, as well as all the important new Mac OS X features like support for long file names, file sizes over 2GB on the server, single sign-on authentication using Kerberos, and true compatibility between Mac OS 9** and Mac OS X files.

The Ethernet Disk supports up to 100 users – 25 connected simultaneously – on the same network protocol. Modifying permissions is a breeze, ensuring that file access is controlled and sensitive files are protected from prying eyes.

Web browser accessibility means that data can be accessed from any internet-connected browser.



LaCie Ethernet Disk: The Professional Solution

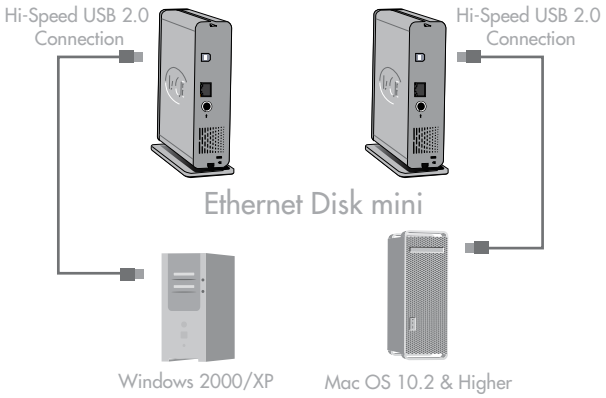
Fortunately, small and mid-sized companies and organizations have an alternative that simplifies data management, enhances productivity and improves data access, all without the need for an expensive network administrator. Simply connect the LaCie Ethernet Disk to your Ethernet-based network, turn on the power, and within minutes you'll benefit from a dedicated network storage solution that unburdens your server of storage tasks and leaves your workstations' hard drives all the capacity they need to function efficiently.

The Ethernet Disk also benefits from its embedded Windows XP operating sys-

tem, which allows efficient integration with Windows domain, thanks to its AD (Active Directory) compatibility.

Ethernet Disk mini: The Home Office Solution

This external hard drive offers Ethernet networking at a price that matches your budget. Simply plug in the user-friendly Ethernet Disk mini and instantly share documents, important data or photos from any networked computer, or plug it in via a USB cable for use as a personal storage device (no need to install drivers). The original, sturdy metal design is portable for shuttling between home and office. Support for multiple share gives users the flexibility to intelligently control access to sensitive data.



Ethernet Disk mini
As External Hard Drive

Ethernet Disk or Ethernet Disk mini?

The Ethernet Disk was developed as a data-sharing solution for small- to mid-size businesses or organizations, featuring an interface that transfers data 10 times faster than the Ethernet Disk mini. Shipped with capacities of up to 2TB (1TB = 1000GB) with the option to increase to nearly limitless capacities via USB-connected external hard drives, your business can backup its files over the network and archive massive blocks of data.

The Ethernet Disk mini was designed for small office and home office users, and can be used as a personal USB hard drive or as a shared drive. With capacities up to 500GB, the Ethernet Disk mini can handle any of your small office or home office needs.

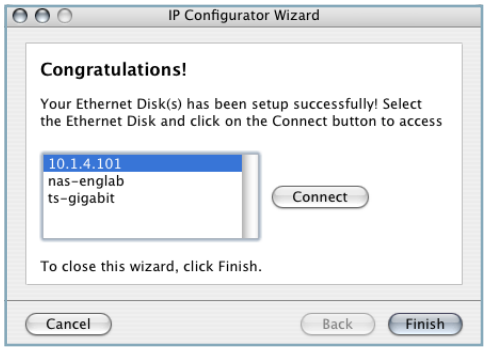
Secure Data Storage

In this age of security concern, your employees can transfer files with confidence to their Ethernet Disk and Ethernet Disk mini. Thanks to the intuitive configuration interface, non-technical personnel can easily grant or withdraw read and write permissions to files at an

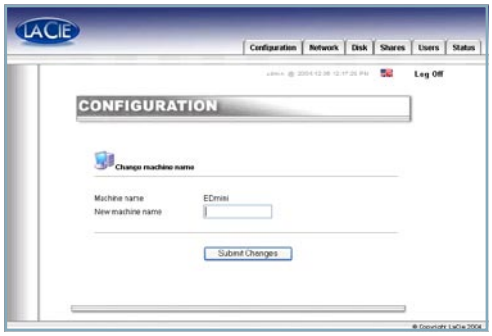
individual user level. For example, temporary employees can be given read-only access to files.

The Ethernet Disk also comes with a backup program to help guard against the unexpected. Connect an external hard drive to the Ethernet Disk via the USB 2.0 port and schedule regular backups, and enjoy the peace of mind that comes from the knowledge of fully backed up data.

To further simplify data backup, LaCie offers '1-Click' Backup Software (Windows users only) for free download. Simply set up backup profiles, and you're a click away from backing up your data onto the Ethernet Disk or the Ethernet Disk mini.



IP Configurator Sofware



Web-Based Administration Page

Who Will Use It?

Teams working on joint projects, in environments with little or no technical expertise.

- ❖ At Home For Multimedia Content
- ❖ Home Offices & Small Businesses
- ❖ Corporate Departments
- ❖ Publishing, Design or Architectural Firms

1GB = 1,000,000,000 bytes. Total accessible capacity varies depending upon operating environment (typically 10–15% less).

LaCie Shared Storage Solution Product Family Comparison

	LaCie Ethernet Disk		LaCie Ethernet Disk mini			
Capacity	1TB	2 TB	250GB	320GB	500GB	
Item number	300963	900961	301136	301137	301138	
Interface	Gigabit Ethernet 10/100/1000		Gigabit Ethernet 10/100/1000 & USB 2.0			
Interface transfer rate	Gigabit Ethernet: 1000 Mbits/s		Ethernet: 100 Mbits/s / USB 2.0: 480 Mbits/s			
Rotational speed / cache	7200 RPM / 8MB		7200 RPM / 8MB (16MB for 500GB Drive)			
Processor / memory	VIA C3 800Mhz / 256MB DDRAM		400Mhz / 64MB DDRAM			
Operating system	Windows® XP Embedded		Linux Kernel 2.4			
Expandability	2 x Hi-Speed USB 2.0 ports for: ❖ Expanding the network storage ❖ Scheduling Backup on USB storage devices		1 x USB 2.0 for additional storage & photo sharing (compatible with USB mass storage cameras)			
Network Protocols	❖ TCP/IP ❖ Windows: CIFS/SMB ❖ MAC: AFP v3.1/NetTalk ❖ FTP, http		❖ File Server: SMB (Windows/Linux), AFP (Mac) ❖ FTP Server ❖ HTTP for online browsing ❖ Multimedia server: UPnP™ A/V ❖ Apple Bonjour			
Network Compatibility	❖ Apple Bonjour Protocol ❖ Microsoft Active Directory (ADS) ❖ DNS, WINS ❖ File Level Security (ACLs)					
Easy setup & Management	❖ LaCie IP configurator with setup wizard DHCP auto IP assignment ❖ Web-based management					
Supported OS	❖ Windows® 98SE, 2000, Me, XP, Vista ❖ Mac® OS 9**, Mac OS X ❖ Linux 2.4 & higher or UNIX **Not compatible with Mac OS 9 in all double-byte character languages.		❖ Windows® 98SE*, 2000, Me*, XP, Vista ❖ Mac® OS 9**, Mac OS X ❖ Linux 2.4 & higher *Only on the network **Not compatible with Mac OS 9 in all double-byte character languages.			

LaCie creates external storage solutions and color monitors that help professionals and everyday people easily manage their digital lives. Powerful technology combined with unique designs by the internationally acclaimed Philippe Starck, Neil Poulton and Porsche Design GmbH make LaCie the world leader in storage innovation. Established in France in 1989, LaCie is now headquartered in North America, Europe and Asia and listed on the Paris Nouveau Marché (code 5431). For more information, visit www.lacie.com.

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