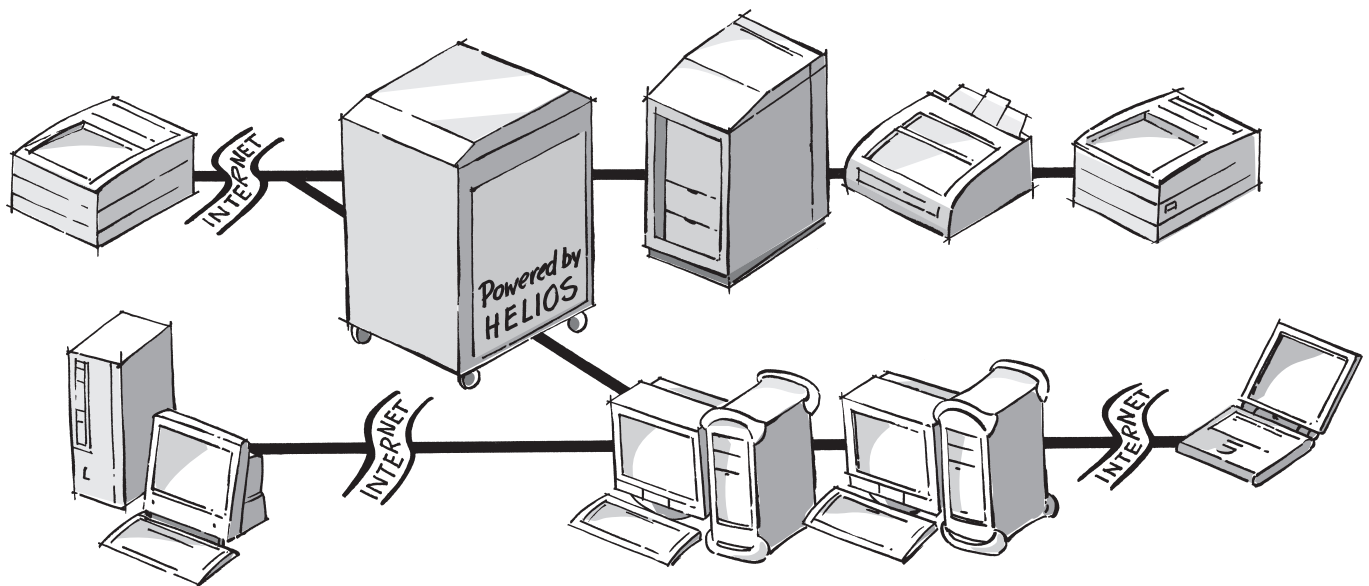


EtherShare UB+

Highest-Performance Server for Mac Clients

HELIOS



HELIOS EtherShare UB+ allows easy integration of powerful servers into Mac networks. It provides an extremely fast, reliable, feature-rich Apple compatible file and print server to unlock UNIX performance for Mac clients. It is well known for its reliability, performance, and ease-of-use.

Mac OS X and AFP 3.1 Support ensures full compatibility with Apple standards, including support of large files, long file names and server reconnect. It works with any Mac out of the box, without the need to train users. EtherShare is easy to set up. It installs on the server in minutes. All further management is done remotely via HELIOS Admin with an easy to use GUI interface. It is simple to configure users, groups, volumes, print spoolers, server settings, log files, etc.

EtherShare not only offers impressive file and print services with easy remote administration, but also many additional features which prove extremely useful for daily work. The TCP/IP based file server can fully utilize faster networks like Gigabit or 10 Gigabit Ethernet.

Smart Ideas for Better Networking.

TCP/IP Print Spooling via the EtherShare exclusive TCP printer drivers supports mDNS ("Bonjour") for easy printer selection on Mac OS X 10.4/10.5 clients, with automatic setup of the PPD. Detailed print job accounting information is easily reviewed or exported to other programs.

Authentication via LDAP, AD/PDC, NIS and local server users is fully supported by the HELIOS Authentication server included in HELIOS Base.

EtherShare Scales well from small sites with only a few Macs to enterprise sites with the most demanding requirements, and always remains easy to administer. EtherShare is tightly integrated with ImageServer, PDF HandShake, and PrintPreview to serve the widest range of prepress needs. Add PCShare and WebShare for a true cross-platform solution. HELIOS supports a variety of server platforms with equal feature sets, identical administration, and same release dates. This gives customers the flexibility to choose the right server for their needs, budgets, and future plans.

Features & Benefits

Ease of Use

- Easy to install, administer, use
- No client installation necessary
- Remote server administration from Mac, Windows and UNIX

Server Features

- AFP 3.1 File Server
- Full AFP File & Directory ID (Alias) support
- Server optimized "Find File"
- Multiple network adapter support
- Print spooler for PAP & TCP/IP
- Mac OS 9/X TCP printer drivers
- Shared volume compatibility with PCShare and WebShare

Client Support

- Mac OS 8.1-10.5

HELIOS Base Features

- Advanced printing system
- Authentication server
- CLI "dt" utilities (mv, rm, cp, ls,...)
- Unicode/UTF-8 file representation

Flexibility

- All major server platforms

System Requirements

EtherShare Server

- One of the following server systems:
Apple Mac OS X, Linux, Sun Solaris, IBM AIX
Details: www.helios.de/platforms
- 16 MB RAM; 4 MB per active client
- At least one network adapter

Product Highlights

Server Installation

- Fast, menu-driven installation, easy installation for system administrators

Client Installation

- No special drivers for file & print services required
- Optional TCP Bonjour printer driver

Server Administration

- Remote server administration from Mac OS X, Windows, and UNIX via HELIOS Admin
- Manages users, groups, volumes and printers, server settings and logs
- System & printer administrator groups
- Share volumes and printers
- Server auditing/monitoring support
- TCP/IP access lists management
- Manage spool queues with "drag & drop" ease
- Handle printer accounting data
- Easy setup of AppleTalk routing
- Manage detailed accounting information including fonts used, pages, etc.

HELIOS "dt" Utilities

Mac files are handled properly with "dt" enhanced file commands including rm, mv, cp, set, ls, mkdir, touch, chmod, chown, chgrp, etc. This allows powerful scripted workflows to support Mac data and resources as well as additional Windows file streams.

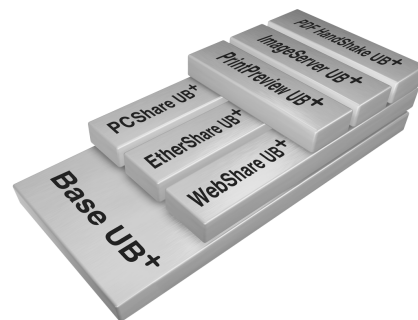
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5/2008

Mac Clients

- Mac with OS 8.1-10.5
- Optional HELIOS PCShare integrates Windows clients, WebShare allows web-based server access.



File Services

EtherShare supports AFP privileges, fast "Find File", Alias, etc. All server disk space including NFS volumes, DVD, etc. can be re-shared. Mac files are stored in a way that Mac, Windows, and UNIX can fully share documents. Extremely fast: using 1 Gigabit Ethernet yields over 80 MByte/sec to Mac clients; more than 600 MByte/sec sustained total server throughput.

Server Features

- AFP 3.1 compatible for Mac OS X clients including long file name support, large file support, server reconnect and sleep-wakeup support, and full UNIX permissions
- TCP/IP & AppleTalk PAP print spooler
- TCP/IP printer drivers for Mac OS X with Bonjour printer discovery
- TCP/IP printer drivers for Mac OS 8/9
- User authentication for local host users, LDAP, NIS, and AD/PDC users via included authentication server
- Desktop database for super fast "Find File" and Mac file ID support
- Smart permissions to automatically inherit permissions from parent folder
- Full Mac OS 8/9 client compatibility
- Windows NTFS file stream support handles streams for copy/move, etc.
- Unicode volumes store all file names in 16-bit Unicode/UTF-8 format. This allows the same file names for UNIX, Windows, Mac and Web clients
- Quota support

- Additional EtherShare network tools help to analyze and troubleshoot the network: HELIOS LanTest, HELIOS File System Test, Xtar, etc.

Advanced Printing System

HELIOS Base provides the state-of-the-art HELIOS printing system to all other HELIOS products. See details in Base data sheet. EtherShare offers powerful printing services with flexible, remote queue management. Support of PPD files per spool queue allows exploiting special printer features. Hold and Error queues hold all successful or all erroneous print jobs for easy postprocessing and troubleshooting. Balanced queues print to the next available printer of a group of printers. EtherShare accepts text, PostScript, and raw print jobs.

Optional Printing Features

Create PDF Server automatically creates PDF files from each print job. PrintPreview produces a PDF bitmap proof of every print job. PDF separation printing & OPI image replacement.

Flexible Licensing Scheme

The server license is tied to a specific machine and a certain number of users. 5 or 20 user server base licenses are available. EtherShare user expansions are available in steps of add. 10 or 100 users. Optional maintenance agreements: Internet Updates, Software Upgrade Service, cold spare licenses.

More details on the HELIOS Web site: www.helios.de/products/productshows.phtml

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