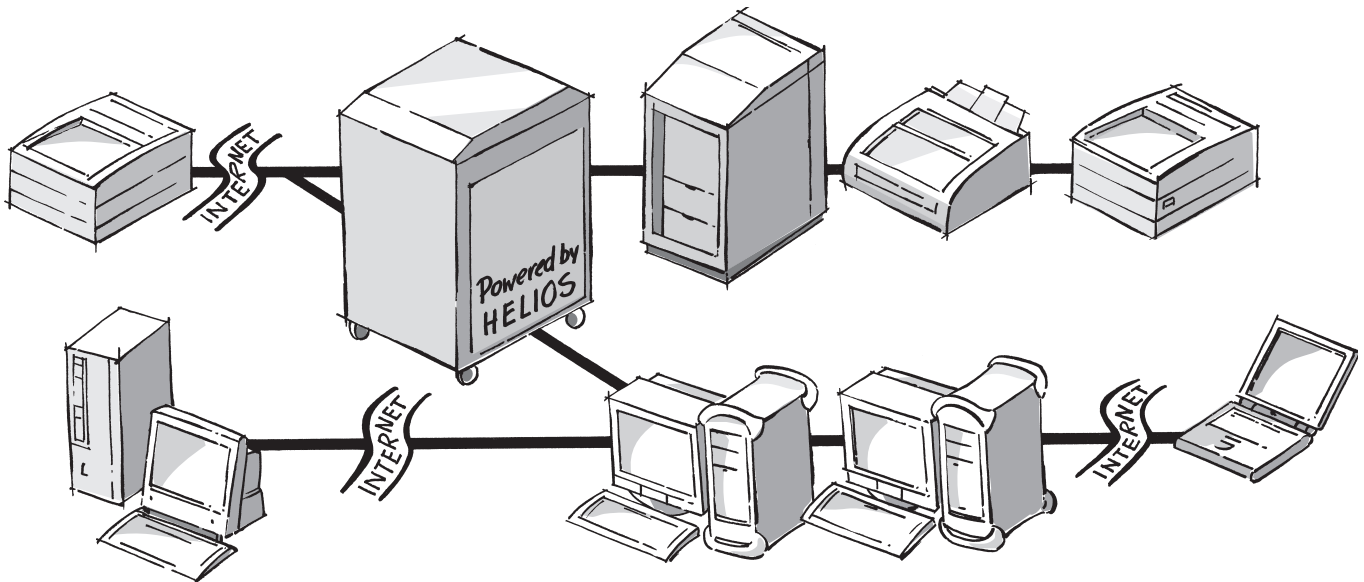


# EtherShare UB

Highest-Performance Server for Macintosh Clients

**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 Macintosh 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 Macintosh 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. It is simple to configure users, groups, volumes, print spoolers, server settings, log files, etc. with HELIOS Admin via an easy to use GUI interface.

EtherShare not only offers impressive file and print services, AppleTalk routing, and remote administration, but many additional features which prove extremely useful for daily work. AFP over TCP/IP acceleration is built-in so clients can fully utilize faster networks like Fast or Gigabit Ethernet.

#### Smart Ideas for Better Networking.

**TCP/IP Print Spooling** via the EtherShare exclusive TCP/IP printer drivers prints many times faster than Mac OS PAP or LPR. Detailed print job accounting information is easily reviewed or exported to other programs. EtherShare is tightly integrated with ImageServer, PDF HandShake, and PrintPreview to serve the widest range of prepress needs.

**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 Macintoshes to enterprise sites with the most demanding requirements, and always remains easy to administer. Optional PCShare and WebShare yield 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 Macintosh, Windows and UNIX

### Server Features

- AFP 3.1 File Server
- Full AFP File & Directory ID (Alias) support, server-optimized "Find File"
- AppleTalk routing between multiple network adapters
- Print spooler for PAP & TCP/IP, Mac OS 9/X TCP printer drivers, PPDs, ...
- Remote volumes and printers over the Internet
- Time server, POP3 mail server
- UNIX "dt" utilities (mv, rm, cp, ls,...)
- Shared volume compatibility with PCShare and WebShare

### Client Support

- Mac OS 8.1-10.4

### HELIOS Base Features

- Advanced printing system
- Authentication server
- 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 SPARC Solaris, IBM pSeries AIX, HP Alpha, HP-UX and SGI IRIX  
Details: [www.helios.de/platforms](http://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 from CD-ROM, easy installation for system administrators

### Client Installation

- No special drivers for file & print services required
- Automatic IP-based file server acceleration when TCP/IP is configured
- Easy client installer for addl. tools

### 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
- Export volumes and printers
- Server auditing/monitoring support
- TCP/IP access lists management
- Manage spool queues and PostScript fonts with "drag and drop" ease
- Handle printer accounting data
- Easy setup of AppleTalk routing
- Manage detailed accounting information including fonts used, pages, etc.

### HELIOS Desktop Utilities

Macintosh files are handled properly with "dt" enhanced UNIX 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.

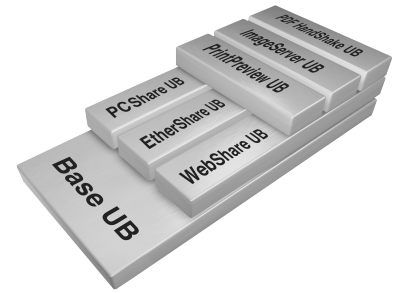
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### Macintosh Clients

- Macintosh with Mac OS 8.1-10.4
- AppleTalk limit of 250 sockets. This limitation does not apply for TCP/IP
- 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 incl. NFS volumes, CD, MO, etc. can be shared. Mac files are stored in a way that Macintosh, Windows, and UNIX can fully share documents. Extremely fast: Using one Gigabit Ethernet over 70 MByte/s to G5 Mac clients, more than 100 MByte/s 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
- 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
- AppleTalk Router, routes AppleTalk between network interfaces
- 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, Macintosh and Web clients
- Quota support

- Additional EtherShare network tools help to analyze and troubleshoot the network: HELIOS LanTest, poll, 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.

### 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 license are available. EtherShare user expansions are available in steps of addl. 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.html](http://www.helios.de/products/productshows.html)

your HELIOS partner:

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