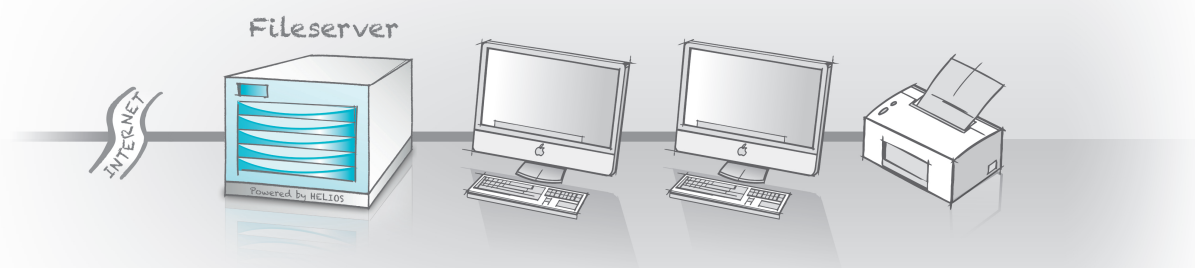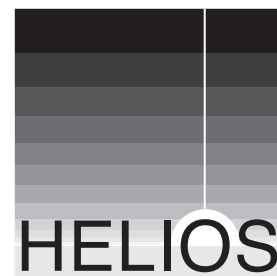# EtherShare G8

Highest-Performance Server for Mac Clients

HELIOS

HELIOS EtherShare G8 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 server performance for Mac clients. It is well known for its reliability, performance, and ease-of-use.

macOS and AFP 3.3 Support ensures full compatibility with Apple standards, including support of Spotlight searches and Time Machine backups. It works with any Mac out of the box, without the need to train users. EtherShare 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 offers impressive file and print services with easy remote administration, Spotlight searches for file names, text, and metadata, and the ability to save Time Machine backups to the server.

The TCP/IP based file server can fully utilize faster networks like Gigabit or 10 Gigabit Ethernet.

TCP/IP Print Spooling via the HELIOS exclusive TCP printer drivers supports mDNS ("Bonjour") for easy printer selection on macOS 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 Hand-Shake, 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.

Smart Ideas for Better Networking.

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 3.3 file server
- Spotlight search support
- Full AFP File & Directory ID support
- Extended attributes support
- Finder tags support
- Print spooler for TCP/IP
- Time Machine backup support
- Shared volume compatibility with PCShare and WebShare

Client Support
- Mac OS 8.1 - macOS 11 or higher
- „Bonjour" TCP printer drivers

HELIOS Base Features
- Advanced printing system
- CLI "dt" utilities (mv, rm, cp, ls,…)
- Unicode/UTF-8 file representation
- Index Server for Spotlight indexing

Flexibility
- All major server platforms

System Requirements

EtherShare Server
- One of the following server systems: Linux, Solaris, Windows, macOS
  Details: www.helios.de/platforms
- 16 MB RAM; 4 MB per active client
- At least one network adapter

Mac Clients
- Mac OS 8.1 - macOS 11 or higher
- Optional HELIOS PCShare integrates Windows clients, WebShare allows web-based server access

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 macOS, Windows, and UNIX via HELIOS Admin
- Manages users, groups, volumes and printers, server settings and logs
- System & printer administrator groups
- Volume and printer sharing
- Server auditing/monitoring support
- TCP/IP access lists management
- Manage spool queues with "drag & drop" ease
- Handle printer accounting data
- 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, sync, etc. This allows powerful scripted workflows to support Mac data and resources as well as additional Windows file streams.
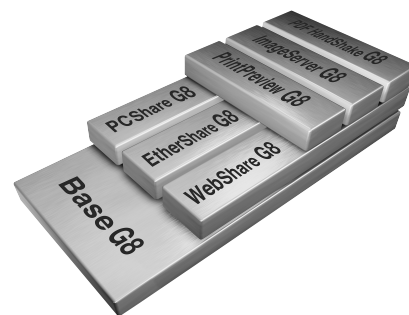
Time Machine Backup Support
Time Machine backups to HELIOS volumes are supported.

File Services
EtherShare supports AFP privileges, fast "Find File", Alias, etc. All server disk space including NFS volumes, 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 1000 MByte/sec sustained total server throughput.

Server Features
- AFP 3.3 compatible for macOS clients including long file name support, large file support, server reconnect and sleep-wakeup support, and full UNIX permissions
- TCP/IP print spooler
- TCP/IP printer drivers for macOS with Bonjour printer discovery
- 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
- Windows NTFS file stream support handles streams for copy/move, etc.
- UTF-8 Unicode volumes allow the same file names for UNIX, Windows, Mac, web and mobile clients
- Quota support
- Additional network tools help analyze and troubleshoot the network: HELIOS LanTest, etc.

- "HELIOS Meta" Finder extension for macOS clients supports file comments in HELIOS volumes. These comments are also available to Windows and web clients

Advanced Printing System
HELIOS Base provides the HELIOS printing system to all other HELIOS products. EtherShare offers powerful printing services with flexible, remote queue management. Support of PPD files per spool queue allows exploiting special printer features. EtherShare accepts text, PostScript, and raw print jobs. For more detals see HELIOS Base.

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. 10 or 30 user server base licenses are available. User expansions are available in steps of addl. 10, 50 or 100 users. Optional maintenance agreements: Software Upgrade Service, cold spare licenses.

A product from:

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More details on the HELIOS website: www.helios.de/web/EN/products/start.html

Your HELIOS partner:

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