PCShare UB

Highest-Performance Server for Windows Clients

HELIOS

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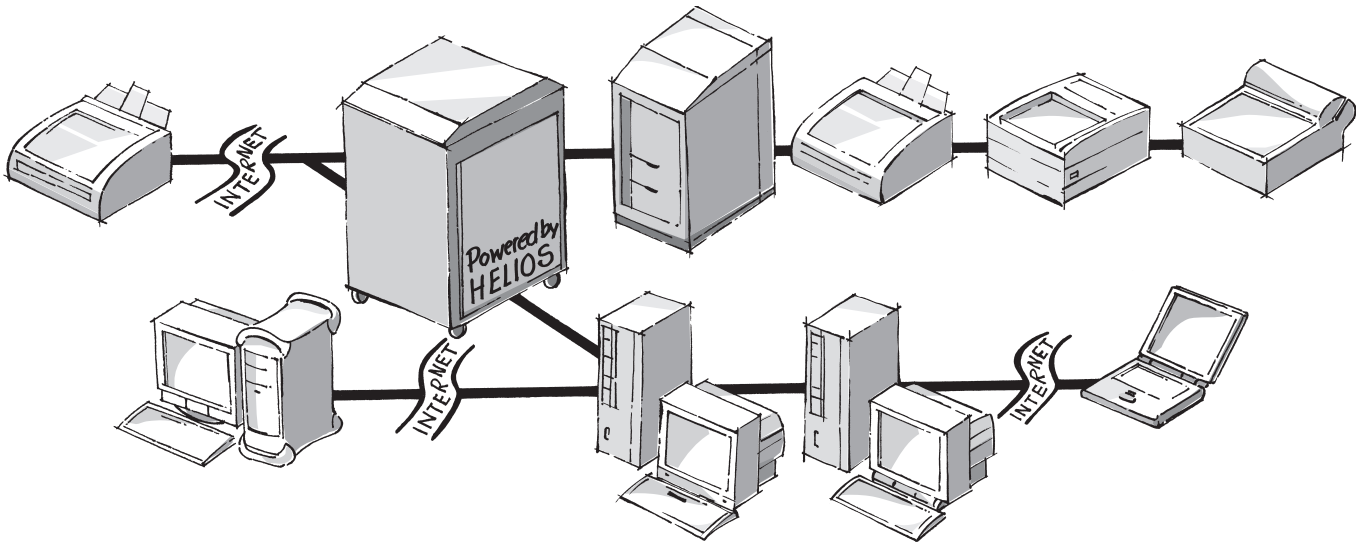
HELIOS PCShare UB allows easy integration of powerful servers into Windows networks. It provides an extremely fast, reliable, feature-rich Windows compatible file and print server to unlock UNIX performance for Windows clients. It is well known for its reliability, performance, and ease-of-use.

Windows 2003 SMB/CIFS support ensures full compatibility with standard Windows programs, including multi-user applications, and excels in ease of use. Sharing files and printers is simple and straightforward because there is no additional software necessary for Windows clients. Windows NTFS Unicode and file streams support ensures compatibility with modern Windows applications. Macintosh meta data is accessible via SFM compatible streams. UNIX permissions and quotas are fully supported. A PCShare exclusive Explorer extension allows managing UNIX file and folder permissions from the client.

HELIOS Admin supports easy setup of users, groups, volumes, printers and server settings from Windows, Macintosh, or UNIX/Linux clients.

DHCP Server built into PCShare allows automatic distribution of TCP/IP configurations to any Windows, Macintosh, or other devices connected to a server network port. With its DHCP backup server capability all DHCP/ BOOTP clients will continue to work if the main server fails.

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

PCShare Scales well from small sites with only a few Windows clients to enterprise sites with the most demanding requirements, and always remains easy to administer. Optional EtherShare and WebShare yield a true cross-platform solution. PCShare is tightly integrated with PDF HandShake, ImageServer and PrintPreview to serve the widest range of prepress needs.

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.

Ease of Use
- Easy to install, administer, use
- No client installation necessary
- Remote server administration from Macintosh, Windows and UNIX

Server Features
- Windows 2003 compatible file and print server (SMB/CIFS)
- Windows file streams support
- Browser and WINS name server
- UNIX permission support in Explorer
- DHCP main and backup server
- Routing between network cards
- Printing to local PC printer
- Remote network drives and printers over the Internet
- Printing to EtherShare "lpr" queues
- EtherShare volume compatibility

Client Support
- Windows NT 4, 2000, XP, 2003
- Windows 95, 98, ME, 3.1, 3.11, DOS

HELIOS Base Features
- Advanced printing system
- Authentication server
- Unicode/UTF-8 file representation

Flexibility
- All major server platforms

Smart Ideas for Better Networking.

System Requirements

PCShare 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
- 16 MB RAM; 4 MB per active client
- At least one network adapter

Windows clients
- Windows NT 4, 2000, XP, 2003
- Windows 95, 98, ME
- PCShare client for DOS & Win 3.1x

- Optional HELIOS EtherShare integrates Macintosh clients, WebShare allows web-based server access

Product Highlights

Server Installation
- Fast, menu-driven installation from CD-ROM, easy installation for system administrators

Client Installation on Windows
- No installation necessary because PCShare is compatible with the Windows built-in networking software
- Installer for Permissions dialog
- Use DHCP or specify TCP/IP setup
- Optional DOS/Win 3.1 client installer

Server Administration
- Remote server administration from Windows, Mac OS X and UNIX via HELIOS Admin
- Manages users, groups, volumes and printers, server settings and logs
- System & printer administrator groups
- Export volumes and printers
- Define DHCP server configuration
- Server auditing/monitoring support
- Additional WINS server or client configuration, workgroup/domain name and server name configuration
- TCP/IP acess lists management.
- HELIOS extension allows managing permissions within the Windows Explorer file properties diaglog

Security Options
PCShare supports TCP/IP access lists to deny or allow networks and/or nodes to access the server. Custom TCP/IP access lists per volume. Secure NTLMv2 authentication is supported.

File Services
PCShare offers extremely fast file services. Due to its great performance PCShare allows hundreds of PCs to work on a server. All server disk space incl. NFS volumes, CD-ROM, MO, etc. can be used for file services. Server directories appear as Windows drives.
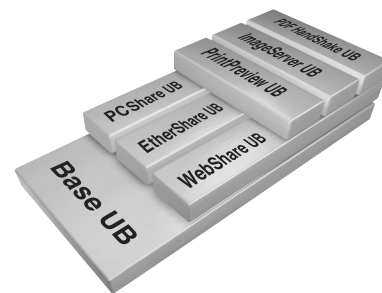
Server Features
- SMB/CIFS server offers Windows compatible file and printer sharing
- User authentication for local host users, LDAP, NIS, and Windows AD/PDC users via included authentication server in HELIOS Base
- Full file and record locking support
- Advanced file caching support using "oplocks"
- Windows NTFS file stream support
- Windows file/directory attributes: Creation date, Hidden, System, Read-only and Archive are supported
- UNIX permissions support
- Quota support
- Unicode volumes store all file names in 16-bit Unicode/UTF8 format. This allows the same file names to be used from UNIX, Windows and Macintosh clients, including special characters.
- Automatic name services routing between multiple network ports
- WINS client, server and WINS proxy

Print Services
PCShare allows printing to Windows local printers and to server connected printer, as well as to all EtherShare queues. PostScript and "raw" printing is supported.

DHCP Server
The PCShare built-in DHCP server supports Windows and Macintosh clients. The DHCP server automatically distributes DNS, router, WINS and client TCP/IP addresses. A second server can be used as a DHCP backup server in case the main server fails.

HELIOS Base benefits
The PCShare file server uses HELIOS Base, which provides these core HELIOS technologies: Server Fail Safety, Unicode support, networking, and more.

Flexible Licensing Scheme
The server license is tied to a specific machine and a certain number of concurrent users. There is a 5 or 20 user server base license available. PCShare user expansions are available in steps of additional 10 or 100 users. Optional maintenance agreements are available: Internet Update Access, Software Upgrade Service Agreement, cold spare licenses.

A product from:

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

your HELIOS partner:

–
–
–
–
–
–
–
–
–