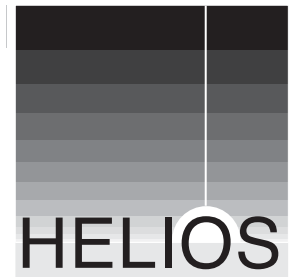
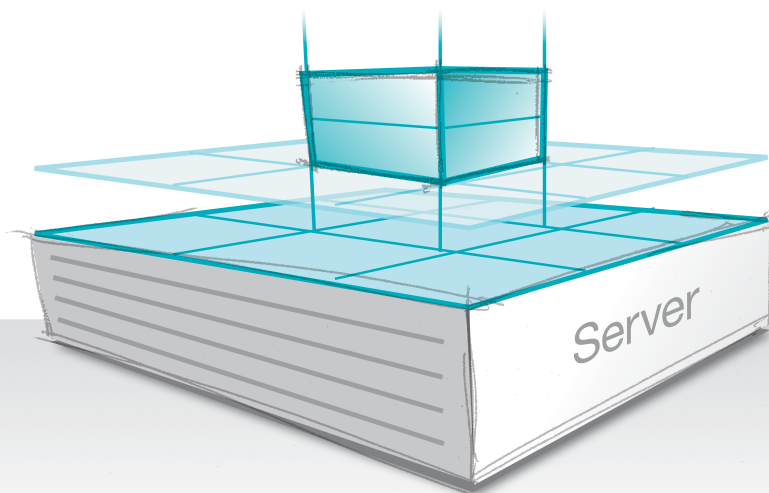


Virtual Server Appliance

VM file server solution for Mac, Windows and Web clients



Virtual Server



Turnkey Server Solution Innovative file server appliance for deployment in virtual machine (VM) environments. Ready to serve Mac, Windows and Web clients using the HELIOS file server solutions. Reduce IT costs and improve flexibility for every business.

Optimized System Unlike proprietary appliances, this server is open, running a standard Linux OS optimized for the HELIOS file server solutions, to be deployed on x86_64 servers under all major virtualization solutions. The runtime is tuned for the highest security, robustness and superior performance, with minimum CPU, memory and disk resource requirements.

Remote administration from Mac and Windows via HELIOS Admin, allows easy to use administration by users.

Logical Volume Manager (LVM)

LVM manages volumes for operating system and data. It offers disk and partition management including snapshots for backups. HELIOS setup tools allow data volume setup, volume resizing, disk migration without any service downtime.

Smart Ideas for Better Networking.

Spotlight Searches Find files, content and metadata within seconds from any Mac, Windows and remote web browser based client. The Index Server indexes files and folders, images, Office documents, media files, and IPTC and XMP metadata.

Mac File Server Supports AFP 3.3, Bonjour TCP printing, Time Machine backups, and Spotlight searches.

Windows File Server Offers SMB/CIFS compatible file and print services and supports Spotlight searches from Windows.

Web File Server Presents server files in gallery and list views, with zoomable previews of images and PDFs, and optionally Office documents. Download and upload files/folders and perform Spotlight searches.

Authentication Server integrates into LDAP, AD/PDC and NIS environments.

Features & Benefits

Ease of Use

- Easy to deploy the VM server image
- No client installation necessary
- Remote Administration (Mac/Win)

Supported VM Environments

- VMware ESX Server 5 or higher
- Citrix XenServer 6 or higher
- Microsoft Hyper-V 2008 or higher

File Server Solutions

- HELIOS EtherShare UB2
- HELIOS PCShare UB2
- HELIOS WebShare UB2
- Spotlight search and indexing
- NFS Server
- Add-ons: HELIOS PDF, imaging, and workflow automation solutions

Appliance Operating System

- VM image with Linux runtime pre-installed with file server solutions
- Logical Volume Manager (LVM)
- File system snapshots
- Java runtime
- SSH server for remote service
- HELIOS configuration assistant

System Requirements

Virtual Server Appliance

- One of the following environments:
 - VMware ESX Server 5
 - Citrix XenServer 6
 - Microsoft Hyper-V 2008
- 64-bit host/operating system
- Min. 128 MB RAM; 10 MB per user
- One CPU assigned to the VM

Product Highlights

Server Installation

- No installation required, ready to deploy Virtual Server Appliance VM image.

Client Installation

- No client installation necessary, Windows and Mac clients use native file server protocols.

Server Protocols

- NFS Server for UNIX clients
- AFP 3.3 for Mac clients
- SMB/CIFS for Windows clients
- HTTP for WebShare clients
- mDNS server ("Bonjour")
- DHCP main and backup server
- Remote LPR
- SSH server
- HELIOS Admin server
- HELIOS TCP printer for Macs

Authentication Server

- Central server supports authentication of local host users, LDAP, NIS, and Windows AD/PDC users

Logical Volume Manager (LVM)

- Up to 8 Million TB per disk pool
- Up to 16 TB per file system
- Ext4 file system
- Volume pool with multiple disks
- Grow file systems on-the-fly
- File systems snapshots
- Add/Remove disks from pool without service downtime

A product from:

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9/2012

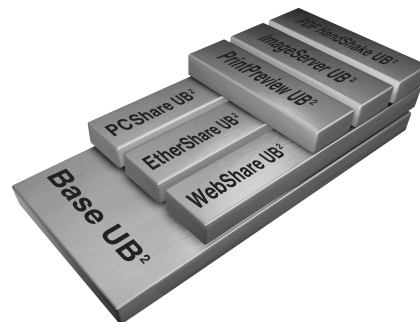
- One intranet network interface
- Optional Internet network interface

Disks

- System disk 20 GBytes
- Data disk (per customer needs)

File Server Clients

- Windows, Mac, Web, iPhone/iPad



Remote GUI Administration

- Remote server administration from Mac, Windows, and UNIX via HELIOS Admin over TCP/IP and HTTP
- Manages local users, volumes, printers, and server settings, TCP/IP access lists, logs, etc.
- Web based administration for WebShare

HELIOS Configuration Assistant

Terminal based via console or SSH, allows initial password and network configuration setup. Manages system and data storage pools. Install HELIOS updates, and start/stop services.

Security via Dedicated Linux OS

Only necessary network protocols are installed in the HELIOS Virtual Server Appliance. Additional Linux services or third-party solutions are not supported on this appliance and must be installed in a separate VM. HELIOS will support the complete server appliance including maintenance and security updates.

HELIOS Base Benefits

The HELIOS Virtual Server Appliance uses HELIOS Base, which provides these core HELIOS technologies: server fail safety, Unicode support, networking, and more.

HELIOS File Server Benefits

The file server foundation utilizes HELIOS EtherShare, HELIOS PCShare, and HELIOS WebShare. Learn about them at: www.helios.de/products

Flexible Licensing Scheme

The HELIOS file server solution is tied to one virtual server appliance VM and a certain number of licensed users. The pre-installed HELIOS file server products each require a server base license, with optional expansions in increments of 10, 100 or unlimited users. The HELIOS price list describes the products included and license options for the HELIOS File Server Bundle, HELIOS Server Solutions Suite, and add-on products. Optional maintenance agreements: Software Upgrade Service, cold spare licenses. The Linux OS within the HELIOS Virtual Server Appliance does not require any license fee.

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

Your HELIOS partner:

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