VSA   Generation 8 Server Solutions

Virtual Server Appliance 3

Universal File Server Solution for Mac, Windows, Web and
Mobile Clients

HELIOS

Virtual Server
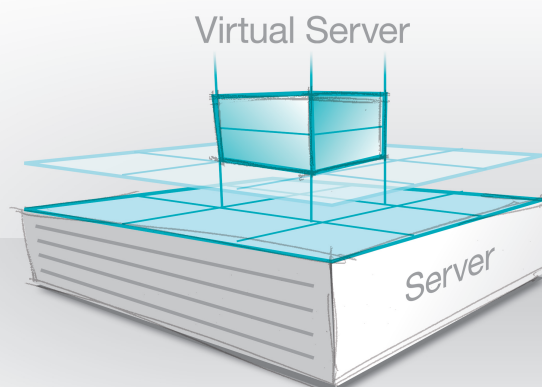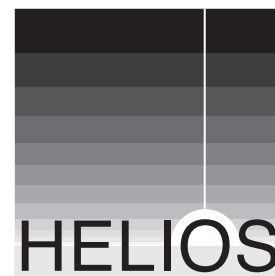
Server

Turnkey Server Solution Innovative file server appliance for deployment in virtual machine (VM) environments. Ready to serve Mac, Windows, web and mobile 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 HELOS Admin allows easy to use administration by users.

Data protection (snapshots)
Regular zero overhead snapshots provides continuous data protection for each volume. HELIOS setup tools allow data volume setup, volume resizing, disk migration without any service downtime.

Spotlight Searches Find files, content and metadata within seconds from any Mac, Windows, web or mobile client.

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.

NFS File Server Offers client and server file sharing capabilities using the NFS protocol.

Authentication Server Integrates into LDAP and AD/PDC environments.

Features & Benefits

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

Supported VM Environments
- VMware ESX Server
- Microsoft Hyper-V

HELIOS Universal File Server
- HELIOS EtherShare
- HELIOS PCShare
- HELIOS WebShare
- HELIOS IT Monitor Server
- 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 (BTRFS) Every hour/day/week/month
- SSH server for remote service
- HELIOS Configuration Assistant

Smart Ideas for Better Networking.

System Requirements

Virtual Server Appliance
- One of the following environments:
  VMware ESX Server 5 or higher
  Microsoft Hyper-V 2008 or higher
- Min. 256 MB RAM; 10 MB per user
- Min. one CPU assigned to the VM
- Network interface

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

File Server Clients
- Windows, Mac, Web, NFS, iPhone/iPad

Product Highlights

Server Installation
- No installation required, ready to deploy virtual machine 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, and Windows AD/PDC users

Logical Volume Manager (LVM)
- Up to 8 Million TB per disk pool
- No file system size limitation
- BTRFS file system
- Volume pool with multiple disks
- Grow file systems on-the-fly
- Automatic file system snapshots every hour/day/week/month (configurable). Access to previous data via regular HELIOS volumes
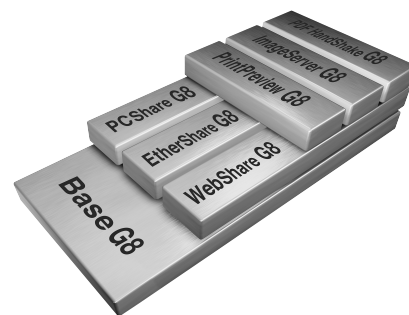
- Add/remove disks from pool without service downtime

Remote GUI Administration
- Remote server administration from Mac, Windows, and UNIX via HELIOS Admin
- Manages local users, volumes, printer and server settings, TCP/IP access lists, logs, etc.

HELIOS Configuration Assistant
Terminal based via console or SSH, allows initial password and network configuration. Manages HELIOS updates, system and data storage pools, file server services including NFS.

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, HELIOS WebShare, Document Hub and HELIOS IT Monitor Server. Learn about them at: www.helios.de/products

Flexible Licensing Scheme
The HELIOS Universal File Server solution is tied to one virtual machine for a licensed number of users. The server is available with a 10 or 30 user license and optional user expansions in increments of 10, 50 and 100. The HELIOS price list describes the products and add-ons. Optional maintenance agreements: Software Upgrade Service, cold spare licenses. The Linux OS within the HELIOS Virtual Server Appliance does not require any license fee.

A product from:

HELIOS Software GmbH
Feldriethe 4
30826 Garbsen
Hannover, Germany
Internet: www.helios.de

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

Your HELIOS partner:

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