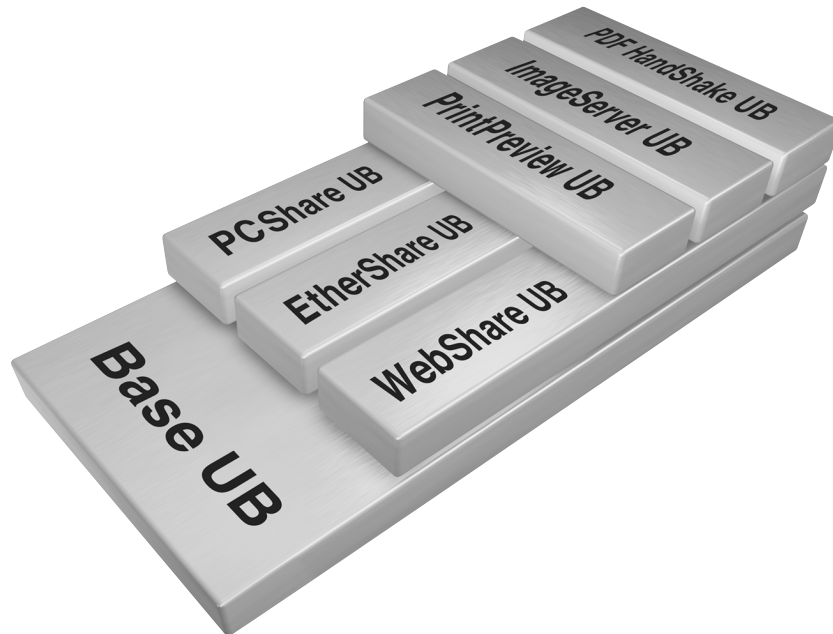
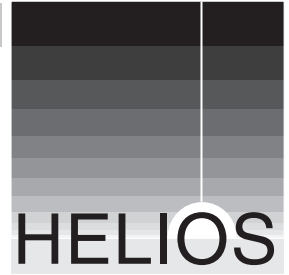


HELIOS Base UB

Superior Server Foundation for all HELIOS Products



HELIOS Base UB is the innovative foundation used by all HELIOS UB products. It incorporates the advanced server technologies developed by HELIOS over many years. These core HELIOS technologies include service controller, printing system, authentication server, remote administration, networking and imaging libraries, tools and more. HELIOS Base provides the foundation for all HELIOS products.

Ease of Use The conception and design of HELIOS Base allows great flexibility and ease of use. This starts with the software installation, using the new HELIOS software and update installers. The software installer even installs available software updates automatically. The HELIOS products location and configuration allows customers to switch between all supported UNIX platforms within minutes by preserving all custom settings of the HELIOS server solutions.

Server Fail Safety HELIOS software is a crucial component in mission-critical environments. HELIOS Base adds an additional level of server fail safety. The

Smart Ideas for Better Networking.

central HELIOS Service Controller starts, stops and monitors all HELIOS services. Separate processes per active user are generated, to enforce file security and ensure process safety. A failure of any HELIOS service will be reported and if required, the HELIOS Service Controller will restart the service.

Advanced Printing System HELIOS Base provides the state-of-the-art HELIOS printing system to all other HELIOS products.

HELIOS Authentication server supports LDAP, AD/PDC, NIS and local users. Even mixed environments, e.g. LDAP, AD/PDC and backup servers are supported.

All Major Server Platforms are supported with identical features and release dates. HELIOS Base abstracts platform-specific server differences and offers an identical foundation for all HELIOS products independent of the server platform and operating system.

There is no extra charge for the HELIOS Base product.

Features & Benefits

Ease of Use

- Easy to install, administer, use
- Remote server administration from Macintosh, Windows and UNIX

Server Features

- Server fail safety via the HELIOS Service Controller. Automatic logging and restart of failed services
- Advanced printing system, UNIX lpr compatible, 64-bit print job support
- Authentication server with LDAP, AD/PDC, NIS and local user support
- SMTP messaging & mail tool
- Process auditing and tracing tools
- Unicode 16-bit character support
- 64-bit large file support
- Easy migration to other HELIOS supported server platforms
- TCP/IP SLP server
- UNIX "dt" utilities (mv, rm, cp, ls,...)
- HELIOS software installer
- HELIOS update installer w/ rollback
- Server preferences repository
- ICC-Profiles repository
- HELIOS SDK available

Flexibility

- All major server platforms

System Requirements

Supported HELIOS Base 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
- TCP/IP network connection, optional NFS, LDAP, AD/PDC, NIS, DNS, ...

Product Highlights

Server Installation

- Fast, menu-driven installation from CD-ROM, easy installation for system administrators
- Extensive documentation in printed, PDF, and online manuals

Server Administration

- Remote server administration from Mac OS X, Windows, and UNIX via HELIOS Admin over TCP/IP and HTTP
- Manages local users, volumes, printers, server settings, security settings, TCP/IP access lists, logs, etc.
- Remote server file browsing & editing
- RSA 1024 bit encrypted passwords
- HELIOS Services, "srvutil" front end to manage different services
- Open files tool
- Central start/stop HELIOS scripts, location for additional custom scripts
- Desktop Utilities for file management

Server Fail Safety

- All services are managed and observed by the HELIOS Service Controller.
- Automatic reporting of problems
 - Automatic service restart if required
 - If a process fails, other processes are not affected
 - Automatic starting order
 - Allows easy integration of third-party services and scripts
 - HELIOS SDK available to develop additional start/stop COM plug-ins to permit more control, e.g. start, stop, restart events, messages

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9/2005

- 24 MB free RAM for HELIOS Base, additional memory will be used by caching and provides faster performance. Memory requirements for other products – see data sheets

Authentication Server

- Central server supports authentication of local host users, LDAP, NIS, and Windows AD/PDC users
- "authutil" tool to look up accounts and verify/change user passwords
- Optional script to allow/deny logins by user, service, TCP/IP, time, etc.
- Central passwords up to 64 bytes

Server Auditing & Monitoring

Live monitoring and tracing of the internal activity of any HELIOS service and/or individual session. This allows looking into a process to isolate/identify problems. It complements network and system call tracing.

Unicode

- All HELIOS services utilize Unicode, all major client encodings are supported
- Unicode UTF-8 is used for file names
 - "uniconv" tool converts files and file names between different encodings
 - HELIOS SDK to add/use encodings

HELIOS Update Installer

- Each HELIOS file has a version number managed by our version control system
- Automatic download of updates
 - Automatic installation of updates
 - Option to roll back installed updates

Migration to other platforms

All installed HELIOS products and settings can be transferred to any supported platform by installing the

HELIOS products using Base

- HELIOS EtherShare UB
- HELIOS PCShare UB
- HELIOS WebShare UB
- HELIOS ImageServer UB
- HELIOS PDF HandShake UB
- HELIOS PrintPreview UB

HELIOS products from CD and moving the HELIOS "var" folder to the new platform. All server settings including volumes and printers are transferred to the new platform and are automatically re-created on the new system. Supports migration from earlier versions.

Advanced Printing System

Large server sites require a superior printing system to manage their printing needs. The HELIOS printing system includes key features like custom spool directories, moving of jobs between queues, reprinting and archiving of jobs, full error feedback and control, etc. It is lpr/lpd compatible, supports PostScript, PDF and other jobs with many features:

- Error and hold queues for all queues to reprint and monitor the jobs done
- Print job accounting
- Remote LPR printers, with 64-bit jobs between HELIOS UB "lpr" queues, and 32-bit jobs to other "lpr" printers
- Printing via TCP/IP Stream (socket)
- Print to disk including compression
- Time queue to specify printing times
- Balance queue for load balancing
- Clone queue for multiple workflows
- Print to AppleTalk PAP Printers (requires EtherShare UB)
- Print to Windows SMB/CIFS printers (requires PCShare UB)
- Print to Create PDF queue (requires PDF HandShake UB)
- Print to PDF bitmap proof queue (requires PrintPreview UB)

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

your HELIOS partner:

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