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**DataBasics**

## HELIOS Server Overview

HELIOS Software GmbH = Networking and Imaging Specialists

**HELIOS Software GmbH** is a leading provider of high performance networking and client/server software products for Macintosh, Windows and UNIX. HELIOS offers industry-strength file servers, heavy-duty print spoolers and is a recognized leader for image conversion, OPI workflow, colour management, and both creation & output of PDF files.

HELIOS' reputation for providing ease of use, high performance, scalability and mission critical reliability has made HELIOS first choice as partner for industry leaders such as Heidelberg, Creo, CCI, Engage, Oce, FujiFilm and many more.

The following product descriptions are also online (<http://www.databasics.com.au/helios/>) along with their specifications (datasheets) and other information:

*	<b>EtherShare / PCShare</b>	*	<b>WebShare</b>	*	<b>ImageServer</b>
*	<b>PDF HandShake</b>	*	<b>PrintPreview</b>	*	<b>Base Server</b>

### EtherShare and PCShare

HELIOS EtherShare and PCShare allow easy integration of powerful servers into Macintosh and Windows networks, along with true cross platform support. HELIOS provides extremely fast, reliable, feature-rich file and print services for a centralised UNIX server, such as Xserve, Linux or Solaris.

True cross platform connectivity is delivered by HELIOS, everywhere from single volumes providing file services for both Windows and Macintosh, single print queues used by both Mac and Windows....right through to a common administration tool that allows for administration of Mac and Windows workstations from a single dialogue box. HELIOS is well known for its reliability, performance, and ease-of-use.

EtherShare support for Mac OS X and AFP 3.1 ensures full compatibility with Apple standards, including support of large files, long file names and server reconnect. TCP/IP Print Spooling via the EtherShare exclusive TCP/IP printer drivers prints many times faster than Mac OSPAP or LPR.

PCShare includes DHCP Server built-in, which 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.

Refer HELIOS Workflow [http://www.databasics.com.au/helios/helios\\_wkflow.html#get](http://www.databasics.com.au/helios/helios_wkflow.html#get)

### WebShare

*Highest-Performance Server for Real Time Remote File Access*

HELIOS WebShare enables fast and secure real time file access via any Web browser. Now authorised users can easily use your file server wherever they are, without exposing the server to the Internet. Working with files remotely has never been easier.

Easy remote file access by customers, suppliers, business partners or employees will eliminate the need to make files available via e-mail, burning CDs, or FTP, which often cause compatibility problems and occupy resources. Automatic e-mail notification allows monitoring when files are being accessed. The easy-to-use Web interface means no user training is required.

### ImageServer

HELIOS ImageServer is a server-based automated image conversion, color transformation and OPI image replacement solution. It supports all major image formats and color spaces as well as XMP, EXIF, clipping path and ICC meta data. Imaging tasks can be automated via 'hot folders' and OPI image replacement. It is designed to shift very CPU-intensive image processing tasks from desktops to servers.

ImageServer includes inbuilt colour separation and management, supports the widest range of file formats and colour spaces and includes an engine for sophisticated resampling of images - making ImageServer of key importance to the prepress, advertising, digital libraries, web based, medical, educational and creative media marketplaces.

Refer HELIOS Workflow [http://www.databasics.com.au/helios/helios\\_wkflow.html#fast](http://www.databasics.com.au/helios/helios_wkflow.html#fast)

### **PDF HandShake**

HELIOS PDF HandShake fully utilises the benefits of PDF in existing production environments. Automated server-based PDF generation, PDF printing, PDF OPI, PDF preflight and batchtools boost productivity, and overcome today's PDF problems. HELIOS PDF HandShake adds complete PDF support to the HELIOS product suite.

PDF Printing - print PDF files either manually or from a hot drop folder with full control of output normally found only in sophisticated layout applications.

Support for PDF in an OPI and Impositioning environment - users can place EPS low-res files, which are automatically created from PDF high-res documents. During printout, the low-res files will be replaced with the PDF high-res data and printed correctly using the PDF HandShake printing technology.

Create PDF Server - is a highly automated server-based PDF creation solution. Macintosh, Windows and UNIX clients can print to a Create PDF printer queue which automatically creates PDF documents of any PostScript print job.

Smart ICC Color Management - can color match every object within a PDF. Properly converts PDF to CMYK. Text and vector colors in RGB/CMYK/Labgray, grayscale and black are detected and will be converted into black only. Perfect to color-normalise PDFs.

Refer HELIOS Workflow [http://www.databasics.com.au/helios/helios\\_wkflow.html#pdf](http://www.databasics.com.au/helios/helios_wkflow.html#pdf)

### **PrintPreview**

HELIOS PrintPreview generates accurate color-matched proofs of Post-Script and PDF print jobs. Files are rendered as bitmapped pages in a PDF file. Ideal for pre-flighting, local and remote proofs throughout the production cycle, and as a final job check prior to printing.

PrintPreview will deliver proofs both of the composite and separations in one PDF document, and include a job ticket at the front of the document for greater reliability and ease of use. PDF proofs can be automatically placed on a web site or directly emailed to a customer for faster final approval.

Agencies and service bureaus can give their clients true representations of final publications for approval with minimum delays - and maintain a minimum cost structure as no materials are used in the production of PrintPreview proofs.

Refer HELIOS Workflow [http://www.databasics.com.au/helios/helios\\_wkflow.html#final](http://www.databasics.com.au/helios/helios_wkflow.html#final)

### **Base Server**

HELIOS Base is the innovative foundation used by all HELIOS UB products. HELIOS Base 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, tool and more.

HELIOS Base provides the foundation for all HELIOS products.

*Note this is the basic product server engine and is not a separate cost.*

### **About DataBasics**

DataBasics is the distributor of leading IT products in Australia, New Zealand and South East Asia specialising in business solutions for prepress, networking, internet and productivity.

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