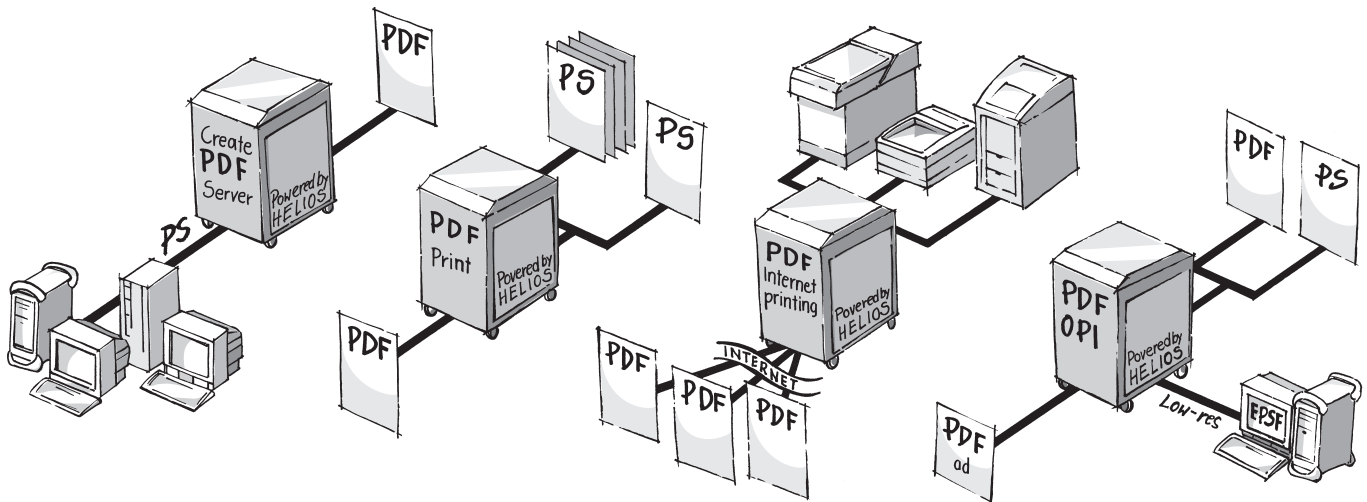


PDF HandShake UB

Create PDF Server · PDF Preflight · PDF Printing · PDF OPI

HELIOS PDF HandShake UB fully utilizes the benefits of PDF in existing production environments. Automated server-based PDF generation, PDF printing, PDF OPI, PDF preflight and batch tools boost productivity, and overcome today's PDF problems.

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. Simply set up various print queues, each corresponding to a specific set of job options. This solution is able to automatically utilize multiple servers for the PDF creation, and scales from a few users to hundreds of users.

Smart ICC Color Management can color match every object within a PDF. Properly converts PDF to CMYK. Text and vector colors in RGB/CMYK/Lab gray, grayscale and black are detected and will be converted into black only. Perfect to color-normalize PDF's. Source profiles, printer and proofer profiles and ICC rendering intents can be specified.

Smart Ideas for Better Networking.

PDF HandShake Printing offers correct separations and composite PDF printing on any PostScript output device. PDF HandShake capabilities include printing registration marks, custom page sizes, printing always with correct fonts, conversion of embedded TrueType and CID fonts to Type 1, and more. PDF HandShake is the perfect printing solution for any PDF document. It doesn't matter if the PDF is from MS-Office, QuarkXPress or InDesign – PDF HandShake printing will always print correctly.

PDF Preflight is included, with Callas pdfinspektor integrated in the Create PDF printer queue and via "hot folders".

ImageServer OPI 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. Printing to a Create PDF queue produces high-res or low-res PDF of all OPI print jobs. PDF with OPI references is fully supported and printing to an OPI queue replaces all OPI references

Features & Benefits

Ease of Use

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

Create PDF Server

- Uses Acrobat Distiller 4, 5, 6 or 7
- Queue based workflow and settings
- Scalable via load balancing queues
- Fast, no temporary PS files on server
- Support for Win/Mac/UNIX clients
- PDF Preflight – Acrobat compatible

PDF Printing

- PDF 1.5 compatible
- Composite, in-RIP & host separations, and proof printing support
- ICC color management
- Output to any PostScript device
- TrueType & CID font support
- Printing via "pdfprint" tool, server "hot folder" or Mac Acrobat plug-in

PDF & OPI via ImageServer

- EPSF low-res files from any PDF, compatible with page layout software
- OPI Imposition support for PDF files
- PDF to high-res EPSF conversion
- PDF preview generation

System Requirements

PDF HandShake on Server

- EtherShare UB for Mac clients, or PCShare UB for Windows clients, or WebShare UB for web clients
- PDF HandShake printing from any client via "pdfprint" tool, or Acrobat plug-ins for Macintosh, or via "hot folders" with optional ImageServer

Product Highlights

Printing

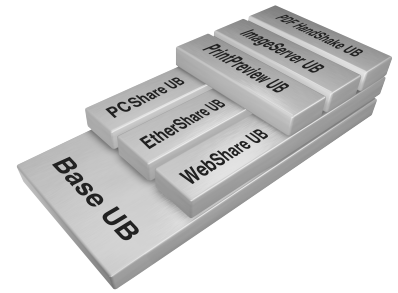
- Acrobat plug-in for printing directly from Adobe Acrobat 4-6 Mac
- "hot folder" printing from any client
- Print composite, host separated, and in-RIP separations including shadings and DeviceN (no support for transparency flattening)
- PDF 1.0-1.5, PDF/X support
- ColorSync/ICC support for printing All colors will be changed to the output color space, e.g. CMYK according to the ICC profile. Paper white will be simulated when proof printing
- PDF HandShake includes high quality ICC profiles for Cromalin, Euroscale, SWOP, NewsPrint, MatchPrint, etc.
- PDF tools included for batch processing and scripting: pdfprint, pdfcat, pdfinfo, pdfnote, pdftoeps, pdfform
- Hairline correction during printing
- Grayscale, black and white detection with correct output
- Grayscale detection of indexed RGB color in PDF data with correct output
- Missing fonts in a PDF document will be detected and the job will not be printed unless the font is available. Missing fonts can be installed on the HELIOS font server
- Options: overprint black text, negative printing, ignore OPI references for PDF printing
- Registration marks and bleed support
- TrueType & CID Font support (at present not for double-byte CID fonts)

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9/2005

- Create PDF Server requires Acrobat Distiller 4.0.5, 5, 6 or 7 for Mac/Win
- PDF Internet Printing requires Apache
- Optional ImageServer for OPI and imposition features, WebShare for remote OPI and image/document previews, PrintPreview for a bitmap proof of PDF print jobs



PDF-native OPI

Adobe InDesign users can place OPI low-res bitmap images and export low-res documents as PDF 1.4-1.5 into a "hot folder". All OPI referenced bitmap images will be replaced with optimized and color matched originals into a high-res PDF file. Benefits are:

- Preserves PDF transparency, drop shadows and XMP meta data
- Server-based ICC color management Apply and/or embed printer ICC profiles into PDF job, to transform images for different printing processes or include high-res image profiles
- Downsample replaced images
- Compress replaced images (G4, JPEG, JPEG 2000, ZIP, etc.)
- Low-res PDF can be re-purposed for multiple settings/productions
- Remote page composition Users can be provided with layout images and return complete pages for final output. HELIOS WebShare options allows web based workflows

PDF and PostScript OPI

- EPSF layout files are automatically created from PDF documents to be used for placement and printing
- Automatic PDF replacement of OPI image references in a PDF document
- Pre-separated PDF is supported

PDF and Imposition

Acrobat plug-in to export a low-res version of books in PDF format for

impositioning. Compatible with all major PostScript imposition software.

Create PDF Server

- Automatic PDF creation via print queues on the server
- Support for Windows and Mac clients, UNIX clients via "lpr"
- Customized job options and security settings per queue allow different PDF creation settings
- Acrobat Distiller is used with HELIOS Create PDF Server on one or more dedicated Mac or Windows workstations for PDF creation
- Scalable via load balancing queues Multiple PostScript jobs can be processed in parallel on all available Create PDF Server machines
- No temporary PostScript files on the Create PDF Server
- Centralized Create PDF queue administration within HELIOS Admin. There is no configuration required on different Create PDF Server machines

PDF Internet Printing

A Web server solution to receive PDF print jobs from users over the Internet. Try a live demo on the HELIOS web site, go to "Internet Printing live test drive".

Flexible Licensing Scheme

The PDF HandShake license is tied to a specific machine. The total number of licensed HELIOS users per day is permitted to use PDF HandShake.

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

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