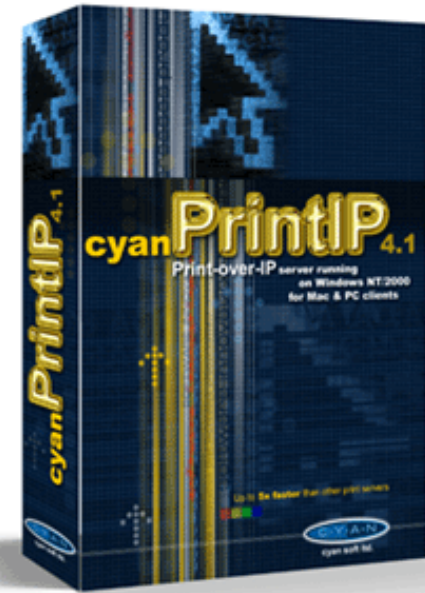


software innovation that increases productivity...

cyanPrintIP 4.1 Advanced Print Server

cyanPrintIP 4.1 Advanced Print Server is a high-end print and font server for a very competitive price running on Windows NT 3.51, 4.0 and 2000 (workstation/professional and server). cyanPrintIP, which uses Print-over-IP, is **200%-500%** faster than a print server using AppleTalk (*5). On 100Base-T and 1000Base-T networks, printing over AppleTalk is up to **60% faster** than with conventional print servers (*5).

As a high performance and reliable pre-press solution, it enhances workgroup productivity with an integrated suite of services and cross-platform compatibility. The print server lets you manage the printers on your AppleTalk and Windows network and your production workflow for maximum efficiency. The server can do PostScript analysis and pre-flight check for all print jobs before printing and it can display the analysis and resource information of these jobs graphically.



inexpensive OPI



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Key Features:

- **NEW:** print PDF files through hot folders
- On 100Base-T and 1000Base-T networks, cyanPrintIP, which uses Print-over-IP, is **200%-500%** faster than a print server using AppleTalk (*5)
- On 100Base-T and 1000Base-T networks, printing over AppleTalk is up to **60% faster** than with conventional print servers (*5)
- Runs on all Windows NT/2000/XP versions for Intel
- Turns the inexpensive Windows NT Workstation version and the **inexpensive** Windows 2000 Professional version into a very powerful / high performance and **inexpensive** print server solution for Mac and PC clients
- Load balancing maximizes the print workflow **efficiency** by distributing the print jobs on the fastest idle printer
- **Font management** ensures that all fonts are included in the jobs. It inserts and substitutes fonts in jobs, furthermore, it also saves fonts onto the hard disk for re-inserting them later into new jobs. Layout programs, like QuarkXPress, only send fonts, which have not already been saved by cyanPrintIP; this **reduces the printing time** and jobs size significantly (*1)
- Pre-flight analysis **saves time** and **reduces costs** by holding jobs, which, due to missing fonts, resources, etc., would eventually fail if sent to printer (*1)
- cyanPrintIP makes the whole printing process transparent, furthermore, it allows to track down printing errors easily
- **OPI** support (*3)

Demo Versions

A full functional trial version for Intel can be downloaded at [download.htm](#).

Important Features Not Offered by Other Print Servers

The cyanPrintIP product is significantly more advanced in print servers for Macintosh clients, offering a number of features not found in other products and a superior performance, including support for Print-over-IP:

- Font Mechanic: inserting or substituting missing fonts at the last minute (*1)
- Font Saver: saving of fonts embedded in jobs; automatic re-use of all fonts of jobs printed through the print server for inserting/substitution in new jobs; the print server indicates which fonts it has saved, so layout programs (Quark/PM/...) won't send these fonts again. This results in a substantial reduction of network traffic. Besides, it provides the benefit that you could even print jobs that require particular fonts, not installed in the printer, but already saved by the Font Saver (*1)
- PostScript Analysis: displaying of PostScript (DSC) information graphically; provides comprehensive information about a job (*2)

- Remote administration
- Accounting Package: (optional) accounting and database application; creation of customized invoices from the job log; detailed information about printing time; target device, page format, etc.
- Half-toning setup (*1)
- Calibration setup (*1)
- Printing selected individual pages (omitting certain unwanted ones) (*1)
- Adding of crop marks and registration marks to a job (*1)
- Adding of a caption, date, name and notes to print job (*1)
- Inversion of output (*1)
- Mirroring or rotation of output (*1)
- Wizards for easy installation, setup and customization
- Seamless integration into Windows print environment by providing advanced Windows spool printers, which have features like indicating the status, etc.
- Answering the AppleTalk font queries
- Answering the AppleTalk printer feature queries

Further Features of cyanPrintIP Basic OPI:.....»»

- OPI Mechanic: Changing of OPI links at the last minute; omitting images; viewing OPI images referenced in print jobs
- Support of PhotoCD, JPEG images
- Support of Tiled TIFF, hifi TIFF, multi channel Photoshop PSD (hifi) images
- Support of JTIF, JFIF, Windows Bitmap (BMP), Windows Metafile (WMF), PCX, OS/2 Bitmap, MacPaint (MAC), GEM Image (IMG), Microsoft Paint (MSP), WordPerfect (WPG), SUN Raster (RAS), MPT, GIF, TARGA images, PNG
- Alpha Channel (TIFF/PSD)
- Clipping Path (TIFF/PSD/EPS)
- CIE Lab colorspace
- Separation of Photoshop's EPS files with JPEG image data
- TIFF, EPS, PICT image support
- Compression of OPI images inserted into jobs; results in a reduction of network traffic
- Intelligent OPI image searching scheme: unlike other OPI servers, which ignore the Mac network path of the OPI images in the jobs and therefore often fail to find the right images, the Intelligent OPI image searching scheme traces the exact location of the right high-resolution images
- Extensive OPI capabilities: OPI 1.3; OPI 2.0; nested OPI comments; DCS; DCS 2; EPSF substitution; support of Color Central OPI comment; optional omitting of hi-res images; images colored in PageMaker and QuarkXPress; allows seamless upgrading from an old OPI system

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cyanPrintIP/Opium Feature Chart

Differences between **cyanPrintIP** and **Opium** versions

Features	Workstation	Basic	Standard	Professional	Easy OPI	Opium OPI
Print PDF files through hot folders	●	●	●	●	●	●
Print-over-IP (up to 200%-500% faster)	●	●	●	●	●	●
Faster AppleTalk printing (up to 60% faster)	●	●	●	●	●	●
OPI Support					●	●
Pre-flight PostScript analysis			●	●	●	●
Font Management				●		●
Font Mechanic				●		●
Font Saver				●		●
Half-toning setup, calibration setup				●		●
Printing selected individual pages (omitting certain unwanted ones)				●		●
Adding of crop marks and registration marks to a job				●		●
Adding of a caption, date, name and notes to print job				●		●
Inversion of output, mirroring or rotation of output				●		●
Answering of AppleTalk font & feature queries	●	●	●	●	●	●
Seamless integration into Windows print environment	●	●	●	●	●	●
Remote administration	●	●	●	●	●	●
Receiving jobs via hot folders, named pipes, AppleTalk, Winspool, TCP/IP	●	●	●	●	●	●
Printing to named pipes, folders, AppleTalk, TCP/IP, Windows printer, local ports, input folders of RIPs (e.g. of BESTColor)	●	●	●	●	●	●
Load balancing	●	●	●	●	●	●
AdvancedSampler Included						●
Runs on Windows NT/2000/XP Server		●	●	●	●	●
Runs on Windows NT Workstation & 2000/XP Professional	●	●	●	●	●	●