



PRINTSERVER

Developed with productivity and performance in mind, the Nipson PRINTSERVER combines extensive pre-press functionality with impressive variable data print processing capabilities.

It is as powerful as it is user-friendly and can be integrated in any production environment, providing the ideal solution for a wide array of applications and market segments.

A COST EFFECTIVE, VERSATILE AND EXTREMELY USER-FRIENDLY SERVER SOLUTION FOR HIGH VOLUME PRODUCTION PRINTING.

USER-FRIENDLY VERSATILITY

The Nipson PRINTSERVER's easy to use, intuitive operator interface helps you to get the most out of your presses. The PRINTSERVER includes a RIP-ing function and PDL interpretation and conversion routine to ensure compatibility with all common input files.

PostScript, PDF, TIFF and EPS files are processed with a RIP-once/print many routine for maximum efficiency. ACIF and AFP files are converted to an IPDS data stream, which can then be spooled to any IPDS-capable press controlled by the Nipson PRINTSERVER. You can choose the converter configuration you prefer and add others as an option.

The Nipson PRINTSERVER works with off-the-shelf imposition tools that handle even the most sophisticated layouts with ease. Special image tuning tools ensure top-quality output that will satisfy your most demanding customers.

HIGHLIGHTS

- Accepts the most popular formats (AFP, PS, TIFF) as inputs.
- Provides the right tools (Spooler, tuning functions, easy to use operations...) to efficiently manage the production of printed documents.
- Allows to drive one (or muction printers or other production printers from competitors (if IPDS capable).

SUPERIOR PRODUCTIVITY AND SEAMLESS INTEGRATION

The Nipson PRINTSERVER includes a spooler to store RIP-ed jobs until they are printed, as well as a print management or queuing system.

RIP-while-printing allows you to start printing a job while part of it is still being RIP-ed, or start preparing and processing a new job while the previous one is still being printed, which significantly minimizes the downtime of your presses.

The Nipson PRINTSERVER can spool jobs to Nipson presses as well as other equipment. By carefully monitoring the print resources available, it can divide one or more jobs over several resources if necessary. This intelligent load balancing makes optimal use of the available resources, allowing you to optimize throughput and efficiency in virtually any print facility configuration.

TECHNICAL SPECIFICATIONS

AFP CONFIGURATION

▶ Inputs	AFP, ACIF, line mode
▶ Tuning functions	Image quality
▶ Printer Management	Layout, spooling capability, load balancing
▶ Output data stream	Intelligent Protocol Data Stream (IPDS) or Nipson proprietary data streams
▶ Supported presses	DIGIFlex, VaryPRESS, VaryPress 200 - VaryPress 400/500 - Nipson 8000 - other IPDS-capable presses and printers (if IPDS stream)
▶ Options	PSRIP converter, TIFF converter

PSRIP CONFIGURATION

▶ Inputs	PDF up to 1.7, PostScript L1, L2 & L3, EPS, TIFF 6
▶ Tuning functions	Image quality
▶ Printer Management	Layout, spooling capability
▶ Output data stream	Nipson proprietary data streams (NPP or SDP)
▶ Supported presses	DIGIFlex, VaryPRESS, VaryPress 200 - VaryPress 400/500 - Nipson 8000 - Former Nipson 7000 presses
▶ Options	AFP converter, TIFF converter

TIFF CONFIGURATION

▶ Inputs	TIFF
▶ Tuning functions	Image quality
▶ Printer Management	Layout, spooling capability
▶ Output data stream	Nipson proprietary data streams (NPP or SDP)
▶ Supported presses	DIGIFlex, VaryPRESS, VaryPress 200 - VaryPress 400/500 - Nipson 8000 - Former Nipson 7000 presses
▶ Options	AFP converter, PSRIP converter

NIPSON SERVERMANAGER CONFIGURATION

Management of NIPSON PRINTSERVERs (as slaves)
Recommended with ADF or equivalent architecture

MINIMUM PC REQUIREMENTS

Server-Windows XP or Windows 2000, 2003, Vista Business
Pentium IV 2,8 Ghz – Dual Processor – 2 x Fast Ethernet
3 GB Ram
2 x 200 GB IDE Disk – CD R/W Drive
20" Flat screen 1280 x 1024

Note 1: SDP-coded documents (Nipson proprietary format) are supported as a basic feature in all configurations but cannot be transformed into an IPDS data stream.

Note 2: AFP, ACIF and IPDS are trademarks of International Business Machines Corporation.

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