System requirements

StudioRIP Server
Recommended:
Windows XP, Vista or newer for PC clients only
Windows 2000 Server (or newer) for PC and Mac clients
Intel Pentium 4 (or newer)
2 GB RAM
100 GB hard disk space
100 Mbps (or faster) network connection
Internet connection (for optional over-the-net remote client connections)
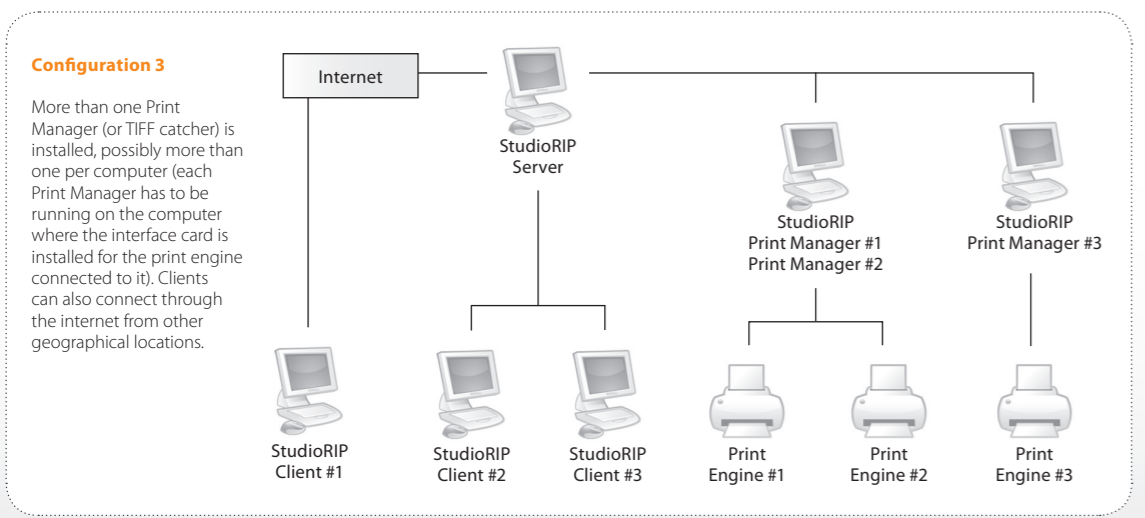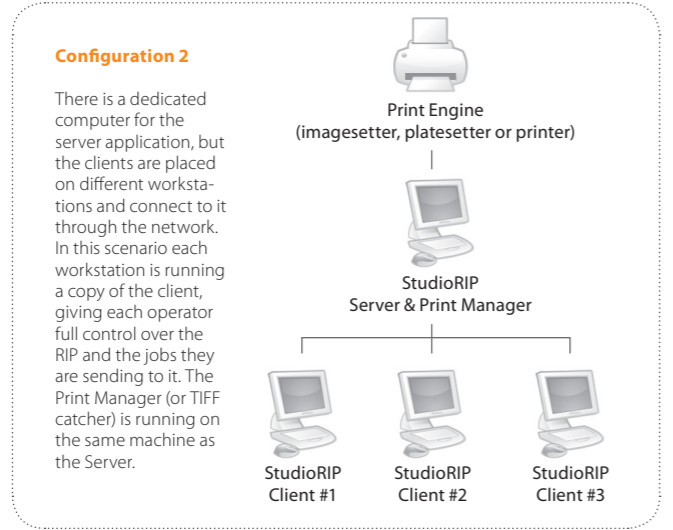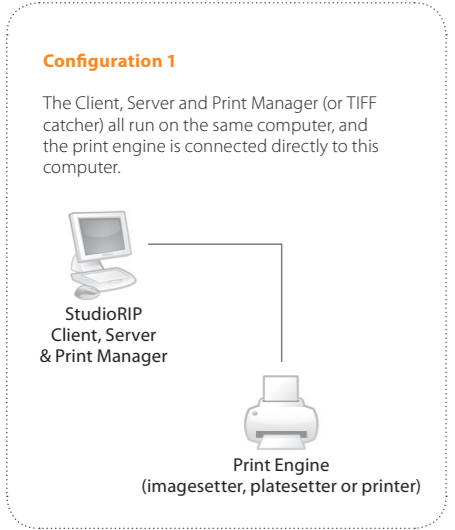StyleXP with Panther theme for Mac clients

Minimum:
Windows XP Home Edition,
Intel Pentium 3 or compatible
1 GB RAM
20 GB hard disk space

StudioRIP Client on PC
Recommended:
Windows XP, Vista or newer
No special processor speed or RAM requirements
At least WXGA (1280 x 800 x 16M) video resolution
100 Mbps (or faster) network connection
Internet connection (for optional over-the-net remote client connections)

Minimum:
Windows XP Home Edition
1027 × 768 × 64K video resolution

StudioRIP Client on Mac
Recommended:
Mac OSX 10.3.2 Panther (or newer)
At least WXGA (1280 x 800 x 16M) video resolution
100 Mbps (or faster) network connection
Remote Desktop Connection for Mac (free software)
Internet connection (for optional over-the-net remote client connections)

Possible configurations

Configuration 1

The Client, Server and Print Manager (or TIFF catcher) all run on the same computer, and the print engine is connected directly to this computer.

StudioRIP
Client, Server
& Print Manager

Print Engine
(imagesetter, platesetter or printer)

Configuration 2

There is a dedicated computer for the server application, but the clients are placed on different workstations and connect to it through the network. In this scenario each workstation is running a copy of the client, giving each operator full control over the RIP and the jobs they are sending to it. The Print Manager (or TIFF catcher) is running on the same machine as the Server.

Print Engine
(imagesetter, platesetter or printer)

StudioRIP
Server & Print Manager

StudioRIP
Client #1

StudioRIP
Client #2

StudioRIP
Client #3

Configuration 3

More than one Print Manager (or TIFF catcher) is installed, possibly more than one per computer (each Print Manager has to be running on the computer where the interface card is installed for the print engine connected to it). Clients can also connect through the internet from other geographical locations.

Internet

StudioRIP
Server

StudioRIP
Print Manager #1
Print Manager #2

StudioRIP
Print Manager #3

StudioRIP
Client #1

StudioRIP
Client #2

StudioRIP
Client #3

Print
Engine #1

Print
Engine #2

Print
Engine #3

Connectivity

StudioRIP Standard and **Workflow Editions** can drive a comprehensive range of imagesetters, CTPs, proofers and plotters, either connecting directly through StudioRIP's proprietary EtherSetter interfaces, third party interfaces, or indirectly using the TIFF catcher applications of the devices.

Compatible devices

See our web pages for latest list.

Testimonials

"With StudioRIP we can update the front-end of their [existing Agfa imagesetter users] system, making it compatible with the latest application software, and for only a very small investment,"

Les Sharpe, Sales Manager, Irish Print Support, Dealer in Ireland

"The first thing that has made a big difference is the preview system – that enables us to save time, to save film, and, therefore to save money . . . the StudioRIP preview even highlights moiré issues on screen – problems that we would not have been able to see on the films,"

Daniel Jones, Managing Director, Wren Press, UK Customer

"The workflow solution incorporated into the RIP structure is a very cost effective way to manage files, and, overall, the product has an excellent GUI,"

Igor Gordon, Computer Environment Unlimited, Dealer in USA

"The detailed, highly accurate preview facility is a real aid in production, and the "Save Film" facility, which enables the ganging up of files prior to output, really can make a significant difference to the amount of film that is used,"

Paul Foster, Managing Director, Ripware Ltd, UK Dealer

"The most cost effective solution was to change the RIP for a StudioRIP, which solved the problem,"

Tina Willson, Office Manager, Able-Labels, UK Customer

"The StudioRIP interface is very complete and it offers excellent control over all elements of the job from a single screen . . . It is also important for us to offer a product that is able to connect with any device on the market,"

Jordi Gendre, Marketing Manager, Colour Conexion, Dealer in Spain

"Probably the most important thing for us is the level of support that we have received from StudioRIP. We could not have comfortably supplied the systems without this and the StudioRIP team have been excellent,"

Doug Mawdsley, Director of Sales, Advanced Flexo, UK Dealer

Dealer Stamp

The Difference
web, design & more...

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studiorip

studiorip

The RIP like you had designed it…

STANDARD EDITION

StudioRIP Basic Edition combines the most common elements of StudioRIP software, offering the choice of customisation. StudioRIP's highly flexible design makes for a fully upgradable system which can be tailored to your individual requirements. As all functions are present within the software, options can be included from the outset or simply enabled electronically in the dongle at a later date – no new disks, no need for engineers, no software conflicts, minimal disruption or downtime, potentially same-day order to installation.

Get work done faster – Process your work in seconds with one of the fastest RIP engines in the industry.
Get the best from your PC – StudioRIP uses the MMX® instruction set and all available processors to achieve the best speed possible.

Growing number of languages – StudioRIP is designed to work in many languages. The number of available languages is continuously growing.
Use languages simultaneously – Client applications connected to the same server can run in different languages simultaneously.
Translation tool – Dealers can localise StudioRIP with an easy-to-use translation tool.

Full control remotely – Control all StudioRIP operations from a PC/ MAC workstation running the StudioRIP client.
Internet enabled architecture – Use StudioRIP from anywhere in the world with a regular internet connection.
Simultaneous operation – Send and manage jobs simultaneously with other clients present on the network.
User management – Control access to StudioRIP with password protected user accounts.
Modular package – StudioRIP components can be installed in various configurations (on a single computer or distributed in the network), but all the components are connected to and managed from the same interface.

Great highlight/shadow detail – StudioRIP's hybrid screening technique will ensure that extreme shades (1–4% & 96–99%) will be held on plate.
Flexo optimised hybrid screening – Achieves additional colour accuracy in highlights using a special hybrid technique.
Consistent rosettes – Consistent corner to corner rosettes.
Smooth gradients – The combination of 4096 shades of grey and low pass filtering enables the output of perfectly smooth gradients at almost any screen frequency.
Skin tones – Reproduce perfect skin tones with the optional yellow screen angle of 30°, resulting in moiré-free skin colours.

Retouch – Easily remove unwanted objects or make minor job corrections using the retouch tools.
Colour mapping – Automatically combine similar spot colours such as C, CV and CVC. Manually combine dissimilar colours.
Dot gain compensation – Make your press ISO compliant. Using the dot gain compensation tool, you can match your dot gain with the ISO standard.
PDF and JPEG export – Export the preview of the processed job into PDF or JPEG files.
Print manager – Control the imaging process with a rich set of tools. Reprint or preview printed jobs using a history management with adjustable rules for automatic clean-up.
Direct printing – Send jobs from any software application to StudioRIP's dedicated printer port for instant printing.
User friendly interface – Increase productivity with an intuitive, attractive and best-in-class user interface.

Contone and raster proofing – choose the appropriate proofing technique according to your needs.
Dot for dot output – See the rosette and detect possible moiré with halftone simulation up to 200 lpi using raster proofing.
Data integrity – Using the 1-bit files (raster proofing) or the same PS/PDF engine (contone proofing) data integrity is guaranteed. Proofs can be printed with or without imposition or even from the history (raster proofing only).
Colour accuracy – Contract proof quality (average ∆E < 2).
Solution for low budget customers – With its own micro-weaving solution, StudioRIP achieves high quality even on low cost A3+ Epson desktop printers (e.g. Stylus Photo 1400/R2400).
ICC or target profiling – StudioRIP proofing can simulate either an ICC profile or a certain target printing environment (by profiling the target).
Media saving – Proofing is assisted by the same media saving, job management and previewing environment as the regular jobs.
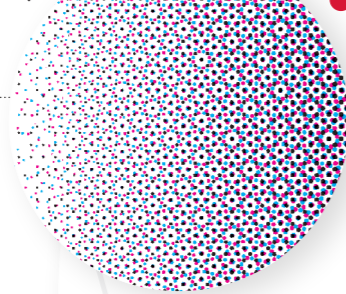
Media saving – Minimise film wastage by using StudioRIP's automatic rotation and collection of pages.
CTP optimisation – Use the page placement settings of StudioRIP to get the image in the right position on the plate or sheet.

Ink diagrams – Calculate ink duct settings for any press printing the result as a diagram.
CIP3 & CIP4 Export – Control your press directly by exporting CIP3 or CIP4 (JDF) files directly to the press or print out ink duct chart.
Styles – Define the parameters of each used printing press (size, number of keys) as a style.
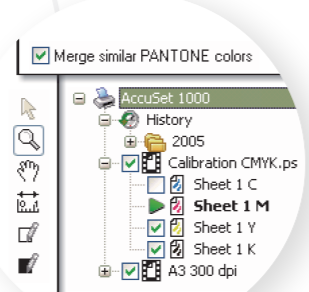
Labels (around diagram)

High speed
Prepress marks
Multi-lingual
Flexo friendly
Powerful preview
Flexible network architecture
Four preview options
Powerful screening technique
Trapping
Smart tools
Stochastic screening
Proofing
Built-in imposition
Media management
Ink duct calculator

Built-in marks library – Easily add prepress marks from the built-in prepress marks library.
User defined marks – Users can define not just the design of the marks, but also complex placement rules.

Flexo screens – Flexo angles are included as a standard feature.
Accurate highlights – The flexo optimised hybrid and second order stochastic screening techniques ensure stable and accurate highlights.
Flexo distortions – Dispro is built in with a dispro calculator.
Flexo specific imposition – Enables easy handling of flexo jobs with flexo specialised imposition features.
Gravure dots – Pincushion dot shape available.
Seamless – Suitable for making Flexo and Gravure sleeves.

Continuous zoom – Preview output on screen at any magnification, down to pixel level, on any workstation, instantaneously.
Real-life colours – Adjust any onscreen colours, including non-CMYK (spot) colours, to refine StudioRIP's WYSIWYG display.
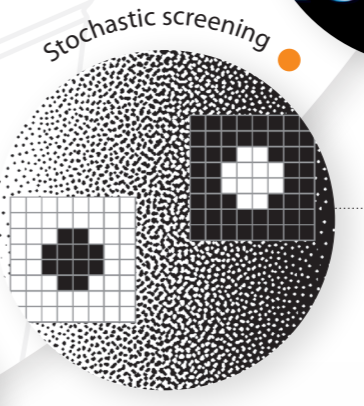**Visualisation tools** – Enhance preview by using tools such as the reorientation & job measurement tools.
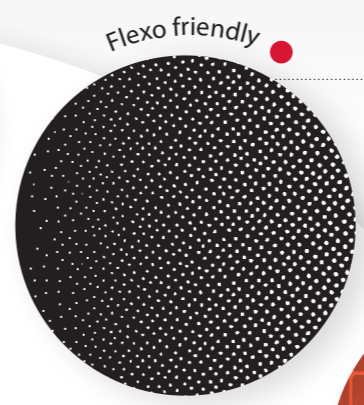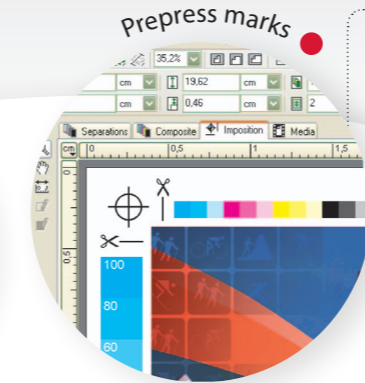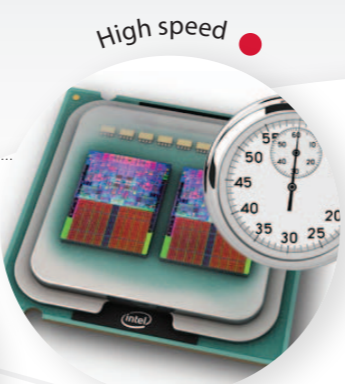
The RIP like you had designed it…

Make your life easier

If you are in the market for a truly effective prepress tool, StudioRIP should be the top of your list. StudioRIP is a suite of PostScript Level 3 and PDF 1.7 compliant prepress software tools designed to drive a comprehensive range of output devices including CTPs, imagesetters, inkjet and laser printers or any other printing devices.

A guaranteed cure for hiccups

Unlike other RIPs, all StudioRIP's features are written into the core software, eliminating the potential conflicts which exist in many plug-in workflow solutions.

trap no trap

Separations view – The separated plates of the job.
Composite view – The composite (colour) pages of the job.
Imposition view – The imposition sheets, including prepress marks.
Media view – The separated imposition sheets placed on the film or plate.

High quality shapes – Excellent behaviour in junctions, in the proximity of a third colour, and between slightly different colours.
Speed and stability – StudioRIP raster trapping technique is fast and stable. It guarantees a decent speed even on very complex designs where vector trapping algorithms can become extremely slow.
Adobe compliant – Auto-choke of blacks, spot colour traps, special ink handling, narrowed/proportional traps, mitred traps, feathered traps, anamorphic traps, vector to image traps, trap colour reduction.

Smooth second order FM – The typical blue noise of the FM screening techniques is removed by a special filtering algorithm. Individual plates are as smooth as an AM screening.
Optimised for offset – The freely placed round dots are suitable for offset machines, and immune to the moiré caused by slight shifts or rotations.
Dot gain compensation – Dot gain can be compensated by using different dot sizes in shadows and highlights.

Manual and automatic imposition – Impose jobs on-the-fly using pre-set imposition styles, define and apply custom imposition schemes or even place pages and marks manually.
Imposition styles – Individual styles can be designed and saved for future use.
Pixel level control – Control output down to the pixel level with StudioRIP's post-RIP imposition.

WORKFLOW EDITION

StudioRIP Workflow Edition combines all the elements of StudioRIP software and options into a competitively priced powerful mini-workflow. StudioRIP Workflow Edition improves productivity and eliminates incompatibility errors by integrating key elements of the workflow into one piece of software: it integrates advanced screening techniques, dot gain compensation, trapping, imposition, proofing and ink duct control seamlessly. Following set-up, jobs pass through the mini-workflow in an easily controllable and user-friendly way.