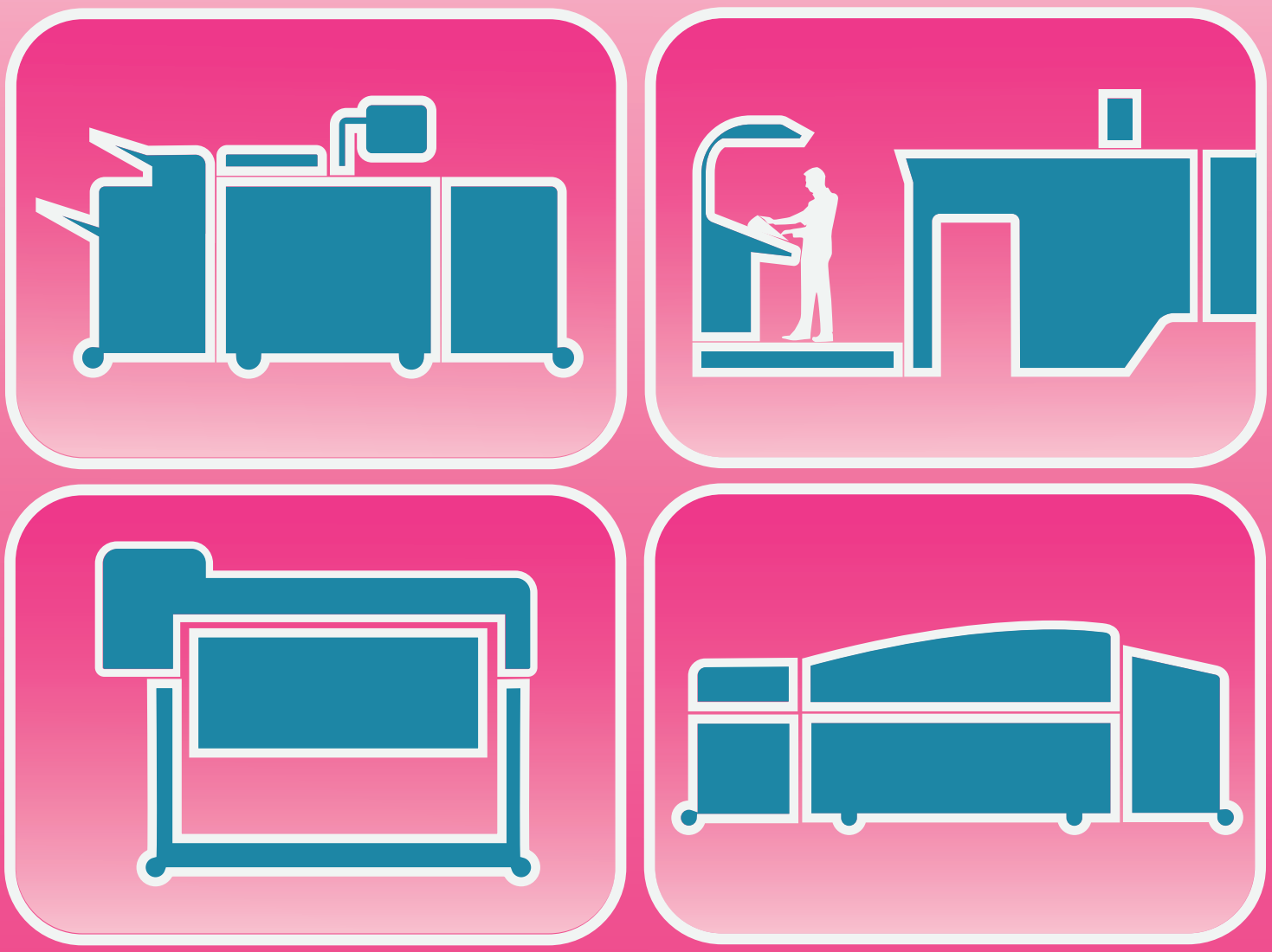
pressSIGN PANTONE® licensed

pressSIGN

intelligent printing

flexible. easy. intelligent.
accurate color on all printing devices



ISO 12647 Standards
ISO 15339 Standards
Japan Color Standards
GRACol G7
SWOP
or any user defined standard

Bodoni Systems
the colour experts

intelligent printing

pressSIGN provides color measurement data to help to control the printing process on offset presses and digital devices to give consistently accurate color throughout the print job. It displays press adjustment information targetting international or custom standards.

Make-ready and preparation times are greatly reduced along with an improvement in print quality. Matching all international printing standards is easy. pressSIGN's unique Dynamic Density Adjustment (DDA) makes matching spot and process solids simple. pressSIGN supports all major RIP formats. Exporting tonal curve adjustments to your RIP or PDF workflow is fast and effective.

Consistently accurate color is easier to achieve, whatever the print process, whatever the number of colors, whatever the color bar.

benefits

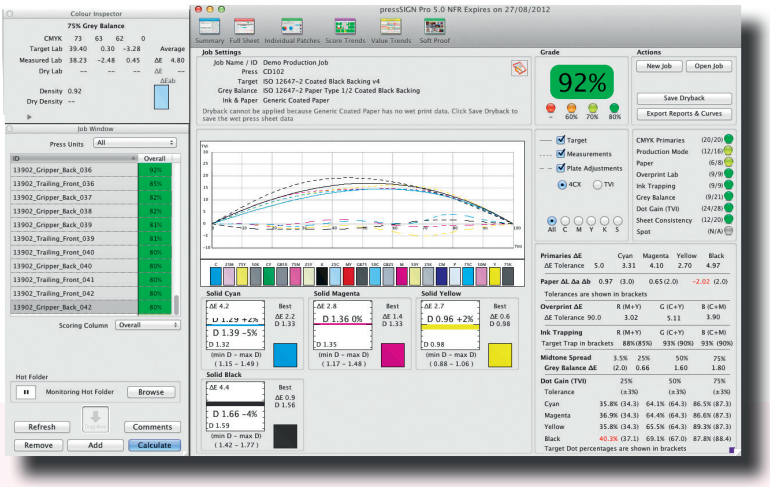
Whatever your role in the color print process, pressSIGN will help you improve quality and productivity. All versions of the software share the easy to use interface which shows an overall percentage score and traffic light indicator of quality.

Print buyers can create print standards which include the target, the tolerances and the acceptable quality level. Print buyers can lock the standard and export it to their print supplier so both parties will know what is required from the print job.

Operators enjoy the clear, single interface showing them how to adjust density to get to the lowest possible Delta E, either for each ink key across the press or averaged for the printed sheet.

PrePress departments can export tonal adjustment curves quickly to a wide variety of the most popular workflow & RIP formats, or the PDF workflow. In most cases without having to type in the adjustments manually and so maintaining production efficiency.

Print Managers can use the analysis and reporting functions to help the production manager to monitor where problems arise and how to resolve them. Reports show Job, Make-ready and Measurement times, enabling managers to compare the performance of different sites, presses, operators and shifts.



unique features

• dynamic density adjustment

For traditional offset, flexographic and gravure printers, pressSIGN's unique Dynamic Density Adjustment (DDA) guides the operator to the lowest Delta E. By measuring only one solid patch DDA calculates the correct density adjustment. pressSIGN's DDA dynamically responds to the current printing conditions accounting for paper, ink, chemistry and environment.

• dry back compensation ensures the color is correct when the product arrives with the customer. All printers know there can be a color shift as the ink dries. pressSIGN users can quickly and easily compensate for this dry back for different in and paper properties both for process and spot colors.

• dot gain/tone curve export

pressSIGN offers 3 options for tonal curve calculation adjustments, traditional TVI (dot gain), 4CX (4 Color Exchange) and NPDC Neutral Print Density Curve for those familiar with GRACol G7 curves.

• 4CX technology is a new way of achieving accurate grey balance using the data from ICC profiles and is of particular value with digital printing devices.

Just apply the tonal curve adjustment recommended by pressSIGN to the RIP or PDF workflow and see the results - perfect grey balance.

• spot colour libraries

PANTONE ® libraries are include with all versions of pressSIGN plus the ability to create custom spot colors & libraries which can be exported and shared with other users.
pressSIGN can monitor from 1 to 16 colours, spot or process.

• soft proofing is included in pressSIGN-Pro and Trends clients. Compare on screen, the measured sheet with the print target.
The soft proof window lets you see the impact the paper color has on the image even before you begin printing.
See the difference between the printed sheet and the print target standard.
The soft proof module also allows you to **Preview** & simulate the effect of updating the tonal curves.

global print management

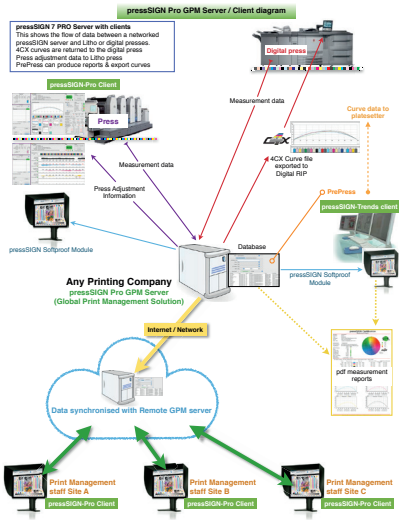
pressSIGN Pro & pressSIGN GPM includes SQL server software, one Pro client, one Trends client and one Mobile client within the basic configuration. Additional clients can be added at any time.

The Pro client accepts the measurement data of the color bar from the spectrophotometer and stores data on the server. The Pro client's simple interface shows the operator how to adjust the density, to achieve the lowest possible Delta E towards the print target. At the same time the operator can see dot gain results & overall score.

pressSIGN-Trends is commonly located in the production or prepress office. With the Trends client, users can review any job without having to visit the press room. Trends can create new jobs, assign them to operators, make tonal curve adjustments, upload production reports to the web and analyse production performance. The powerful reporting functions in pressSIGN compare presses, print sites, operators, campaigns, make-ready times, spot colors and much more.

pressSIGN-Mobile provides access to the pressSIGN server job data locally or remotely, from anywhere via a browser interface.

Global Print Management is ideal for large print companies with multiple sites, print buyers and print management organisations. With its job synchronisation features, a printer can automatically send print production data direct to a linked remote server for immediate analysis by a print manager or brand owner. For PMO's the data is consistent from printer to printer, press to press and as such is very easy to assimilate, compare and compile.



Exchange of print parameters such as colour bars, targets, spot colors and other specifications is simple. For example, if there is a new color standard to be used, this can be sent to specific print sites for them to easily import into their copy of pressSIGN.
Print quality data is directed to individual remote servers based upon the print client. There is no limit to the number of remote servers to which you can synchronise your data.

Subscription benefits pressSIGN GPM uses a subscription model whereby users receive updates and upgrades free of charge. Changes to operating systems and hardware happen without a hitch. It ensures that everyone has the benefit of all new features and synchronisation between servers and clients happens seamlessly.

pressSIGN is renowned for being the most up-to-date software for supporting new devices, standards and technologies.

printing standards

pressSIGN is the most flexible tool, working with any press, color or color bar, for matching any printing standard, on any print system.

Select any international standard based on ISO 12647, GRACol G7, SWOP, Japan Color or ISO 15339.

Create a new standard from an imported CMYK ICC profile.

Measure the press paper color and adjust the target based on the actual paper in use. Export the new ICC profile for use in proofing systems and design applications for a roundtrip color matched system - Design-proof-PrePress-press.

Scan a measured press sheet to create a new custom standard. This is ideal for print re-runs or capturing a press pass. Export the press standard to other users so that they can match your custom color standard.

spectro connectivity

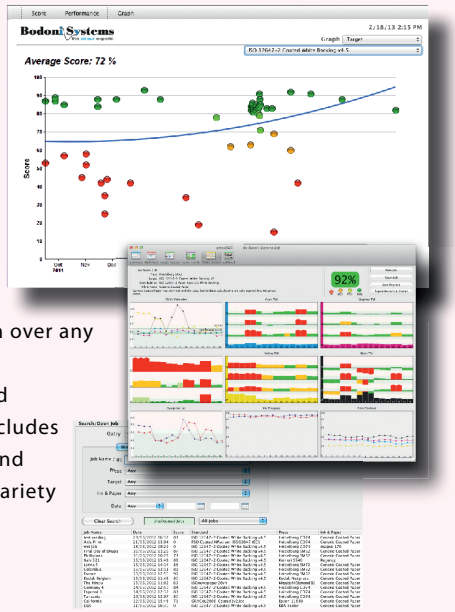
pressSIGN-PrintBuyer and **pressSIGN standard** edition work with X-Rite's Eye-One/i1, SpectroEye, 530, Barbieri devices and the Konica Minolta FD-7.

pressSIGN-Pro & **GPM** versions also drive X-Rite's EasyTrax S, Intellitrax S, X-rite eXact, Techkon SpectroDrive & SpectroJet and work with many press manufacturers and third party closed loop systems.

PC & Mac mix and match clients & servers. pressSIGN works!

reports and statistics

are a valuable feature of pressSIGN. Filters enable you to obtain the most relevant data from the database. Summary & Production reports are job specific, whilst reports from the database provide an insight into the trends of your print production over any time period.
The range of reports and presentation options includes Pie charts, lists, tables and graphs, sorted using a variety of parameters.



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4 versions of pressSIGN

choose the version of pressSIGN you need
(see the compatibility chart below)

pressSIGN-Pro

for those who want to ensure every print job meets the target standard. pressSIGN-Pro shows the operator how to adjust each ink key across the press. It enables export of tonal curves and provides powerful analysis tools to help improve quality and productivity.

pressSIGN Global Print Management

for larger enterprises with print sites or suppliers in multiple locations. Centralise all measurements with pressSIGN GPM Server. Set group-wide standards, custom spot colors & more. Monitor and compare the performance of sites, presses, operators, shifts etc. GPM includes the same clients and capabilities as pressSIGN-Pro.

pressSIGN-Standard

standard edition - designed for basic process control curve export and of particular benefit in digital printing.

pressSIGN-PrintBuyer

for those specifying print. Set the standard in PrintBuyer along with any Pantone® or custom spot colors. Measure the sheet using pressSIGN-PrintBuyer to confirm it meets the print target requirements.

functions	Pro	Global Print Management	Standard	PrintBuyer
standards				
ISO 12647-2, ISO 12647-3, ISO 12647-4, ISO 12647-6	√	√	√	√
GRACol G7	√	√	√	√
Japan Color	√	√	√	√
ISO 15339	√	√	√	√
import ICC profile	√	√	√	√
previous measurement	√	√	√	√
user defined	√	√	√	√
supported spectrophotometers				
X-Rite EyeOne/ i1 Pro 2	√	√	√	√
X-Rite SpectroEye	√	√	√	√
X-Rite 530	√	√	√	√
X-rite eXact	√	√	√	√
X-Rite EasyTrax	√	√		
X-Rite Intellitrax	√	√		
Techkon SpectroJet	√	√		
Techkon SpectroDrive	√	√		
Techkon SpectroDens	√	√		
Barbieri LFP, Swing, SpectroPad Series II	√	√	√	√
Konica Minolta FD-7	√	√	√	√
import data				
SVF files	√	√		
JDF files	√	√		
CGATs data from Heidelberg Image Control, Komori PDC-SII & others	√	√		
print standards/measurements/data/ICC profiles/color bars	√	√	√	√

functions	Pro	Global Print Management	Standard	PrintBuyer
reports				
label print function	√	√	√	√
pdf measurement report with curve info	√	√	√	
pdf scoring report	√	√		
pdf production report	√	√		
information screen views				
summary without density adjustment info				√
full sheet view - showing ink zones	√	√		
score trends view	√	√		
value trends view	√	√		
make ready/production/OK	√	√		
spot colors				
Pantone® Libraires	√	√	√	√
Custom Spot libraries	√	√	√	√
CMYK + 2 spots	√	√	√	√
Up to any 16 colors	√	√		
Spot Color Tints	√	√		
additional clients available				
standard clients			√	
Pro clients	√	√		
Trends clients	√	√		
Mobile clients	√	√		
Softproof Module	√	√		
color adjustment information				
density for all solid	√	√	√	
tonal adjustments / dot gain / curve output – TVI, 4CX, NPDC options	√	√	√	

Bodoni Systems
the colour experts

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Client Sytem Requirements

IntelMac OSX 10.7 or later
Windows XP, Vista, 7, 8, 10
Dual/Quad Core i5, 4GB Ram
USB for Measurement Devices
Colour Monitor 1280 x 1024

Server System Requirements

Intel Mac OSX 10.7 or later
Windows XP, Vista, 7, 8, 10, 2003, 2008, 2012
Dual/Quad Core i5, 8GB Ram
NON GPM requires USB Port
GPM requires TCP port 443 (out) to be open