pressSIGN PANTONE® licensed
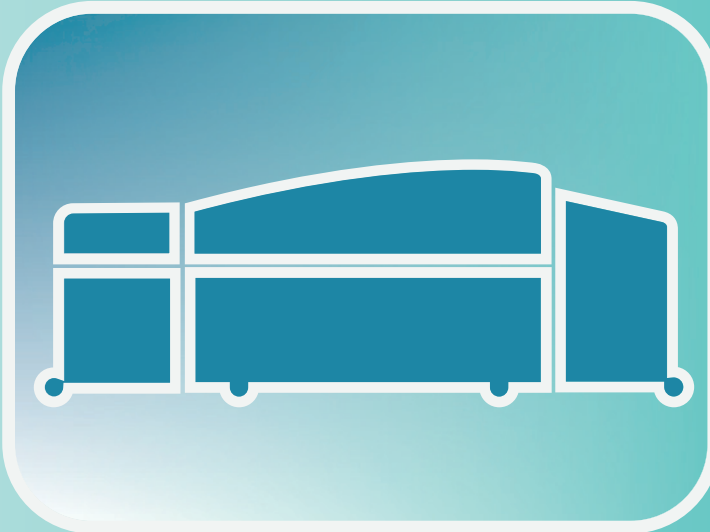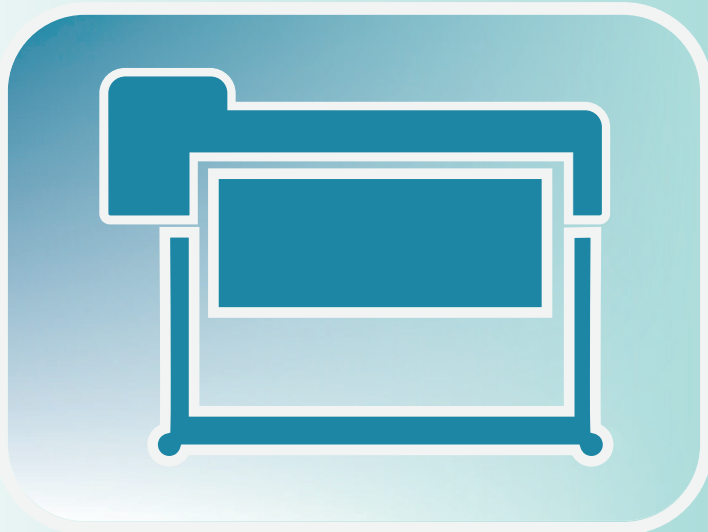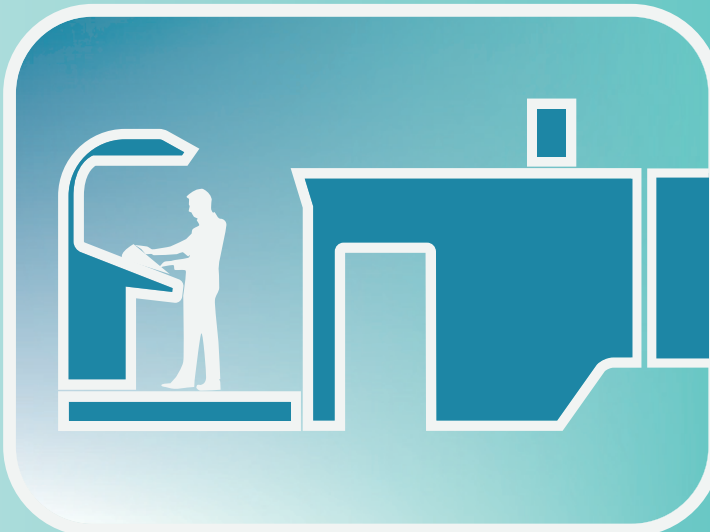
pressSIGN
intelligent printing

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 all forms of production printing including offset, gravure, flexo, screen and digital devices enabling consistently accurate color throughout the 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.
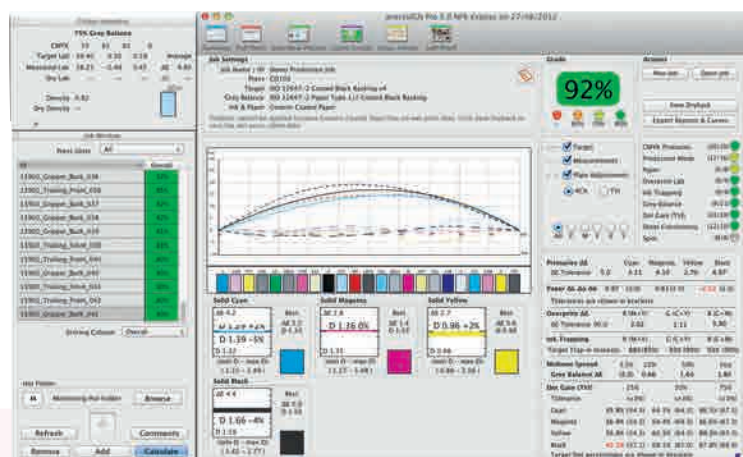
benefits

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 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 use the analysis and reporting functions to monitor where problems arise and help 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 included 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 with 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 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, send production reports to clients 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 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.
The GPM features or pressSIGN inclue the ability to intergrate the data with in-house Management Information Systems reducing the cost or monitoring and auditing remote print sites.

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. New in version 8 is the ability to target ISO 12674-7 for testing proofs.

Create a new standard from an imported CMYK or multi-color 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

spectro connectivity

pressSIGN-PrintBuyer and **pressSIGN standard** edition work with X-Rite's Eye-One/i1, SpectroEye, eXact, 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. Export data to spreadsheet and via an API interface

4 versions of pressSIGN

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

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. Upload print standards, color libraries, client Names etc and distribute automatically.

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

functions	Global Print Management	Pro	Standard	PrintBuyer
standards				
ISO 12647-2, ISO 12647-3, ISO 12647-4, ISO 12647-6, ISO 12647-7	√	√	√	√
GRACol G7, ISO/PAS 15339	√	√	√	√
Japan Color	√	√	√	√
CMYK ICC Profile	√	√	√	√
multi-color ICC Profile	√	√		
previous measurement	√	√	√	√
user defined	√	√	√	√
supported spectrophotometers				
X-Rite EyeOne/ i1 Pro 2, IO2 Table, Spectro-Eye, 530, eXact	√	√	√	√
X-Rite EasyTrax, IntelliTrax	√	√		
Techkon SpectroDens	√	√	√	√
Techkon SpectroJet, SpectroDrive	√	√		
Barbieri LFP, Swing, Spectropad Series 2	√	√	√	√
Konica Minolta FD-7	√	√	√	√
Data Import				
CxF	√	√	√	√
SVF & JDF files, CGATs from Heidelberg, Image & Axis Control, Komori PDC and Others	√	√		
Print Standards, Measurements, ICC Profiles, Color Bars, Templates	√	√	√	√
Data Export				
Tab Delimited, CXF	√	√	√	√
XML	√	√		

functions	Global Print Management	Pro	Standard	PrintBuyer
reports				
label print function	√	√	√	√
pdf measurement report with Tonal Curves	√	√	√	
pdf scoring and production rpeorts	√	√		
information screen views				
summary without density adjustment info				√
summary with density adjustment info	√	√	√	
full sheet view - showing ink zones	√	√		
score trends view	√	√		
value trends view	√	√		
NPDC	√	√	√	√
soft proffe module	√	√		
make ready/production mode	√	√		
spot colors				
Pantone® libraries	√	√	√	√
custom spot libraries	√	√	√	√
CMYK + 2 Spots			√	√
CMYK + 12 Spots	√	√		
spot color tints	√	√		
additional clients				
standard clients				√
Pro Clients	√	√		
Trend / Mobile Clients	√	√		
color adjustment information				
density for all solids	√	√	√	
tonal adjustments / dot gain / curve output – TVI, 4CX, NPDC options	√	√	√	