pressSIGN PANTONE® licensed

pressSIGN

intelligent printing

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

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

Bodoni Systems
the colour experts

intelligent printing

pressSIGN analyses colour measurement data to help control the printing process in all forms of production including offset, gravure, flexo, screen and digital devices, enabling consistently accurate colour throughout the job. It displays press adjustment information targetting international or custom standards.

Make-Ready times, waste and colour related stoppages are greatly reduced, improving productivity, print quality and consistency. Matching all international printing standards is easy. pressSIGN's unique Dynamic Density Adjustment (DDA) feature makes matching spot colour and process solids simple. pressSIGN supports all major RIP formats, so exporting tonal curve adjustments to your RIP or PDF workflow is fast and effective.

Consistently accurate colour is easier to achieve, whatever the print process, whatever the number of colours, whatever the colour bar.

benefits

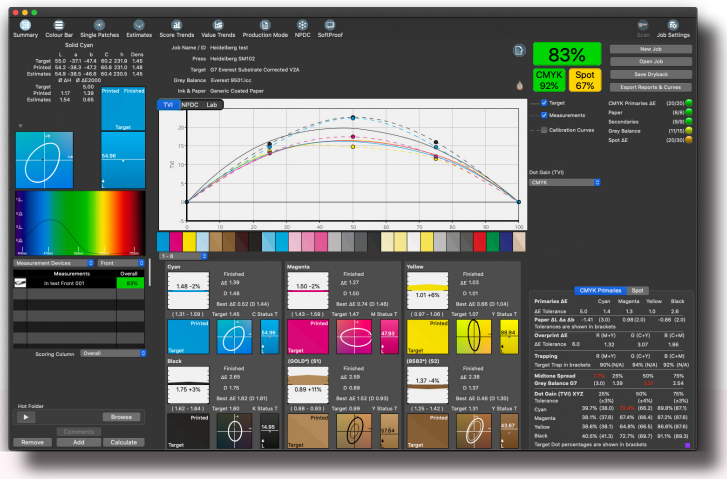
Whatever your role in the colour print process, pressSIGN will help you improve quality and productivity. All versions of the software share the easy to use interface which shows an overall percentage score and traffic light indicator of quality.

Print Buyers or Brand Owners can create print standards which include the target, the tolerances and the acceptable quality level. Lock the standard, export it and send to your 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 closest colour match, either for each ink key across the press or averaged for the printed sheet.

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

Production 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.



- dynamic density adjustment

guides the operator to the lowest Delta E in traditional offset, flexographic, screen and gravure printing. DDA can calculate the correct density adjustment from the measurement of a single solid patch and dynamically responds to the current printing conditions accounting for paper, ink, chemistry and environment if they change during the run.

- dry back compensation

ensures the colour is correct when the product arrives with the customer. All printers know there can be a colour shift as the ink dries or after lamination etc. pressSIGN users can quickly and easily compensate for this dry back for different ink and paper properties both for process and spot colours.

- dot gain/tone curve export

pressSIGN offers 3 options for tonal curve calculation adjustments, traditional TVI (dot gain), 4CX (4 Colour Exchange) and Neutral Print Density Curve (NPDC) for those printing to GRACoL G7.

- 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 colours & libraries which can be exported and shared with other users.
pressSIGN can monitor up to 12 spot colours in a job, plus CMYK.

- 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 effect the paper colour 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.

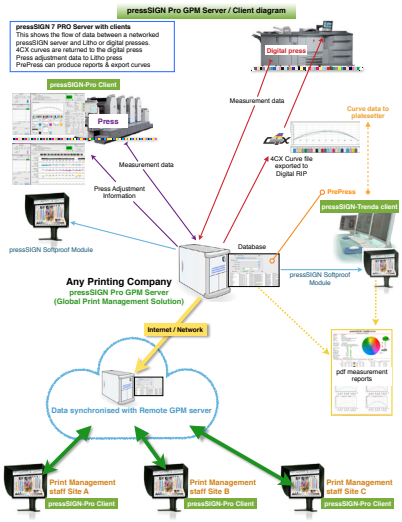
global print management

The pressSIGN client accepts measurement data of the colour bar from the spectrophotometer or closed loop system and stores it on the server. The pressSIGN client's simple user interface shows the operator how to adjust the ink density to achieve the lowest possible ΔE to the print target. At the same time the operator can see results for dot gain, paper colour, overprints, grey balance and the overall score for the sheet.

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 colours and much more.

pressSIGN Mobile provides web access to the job scores in the pressSIGN Server locally or remotely across the internet.

Global Print Management is ideal for large print companies with multiple sites, brand owners and print management organisations. With its job synchronisation feature, a printer can automatically send print production data direct to a remote server for immediate analysis by a print manager or brand owner. The GPM features of pressSIGN include the ability to integrate the data with in-house Management Information Systems, reducing the cost of monitoring and auditing remote print sites.



Exchange of print parameters such as colour bars, targets, spot colours and other specifications is simple and automatic. For example, if there is a new colour standard to be used, you simply create it on the central server and allocate it to the necessary print sites either individually or using a site group, it then automatically appears in the printers' settings a few minutes later, ready for use. Synchronised settings cannot be edited by the printer and compliance can be guaranteed using the "Job Sync Restrictions" feature, so you know the quality score is always accurate.
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 and no additional licenses are required.

Subscription benefits pressSIGN GPM 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 printers and print buyers or brand owners 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, colour or colour bar, for matching any printing standard, on any print system.

Select any international standard based on ISO 12647, GRA-Col G7, SWOP, Japan Colour and ISO 15311 or 15339 for digital presses. As well as ISO 12647-7 for proof verification.

Create a new standard from an imported CMYK or multi-colour ICC profile.

Measure the press paper colour 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 colour 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

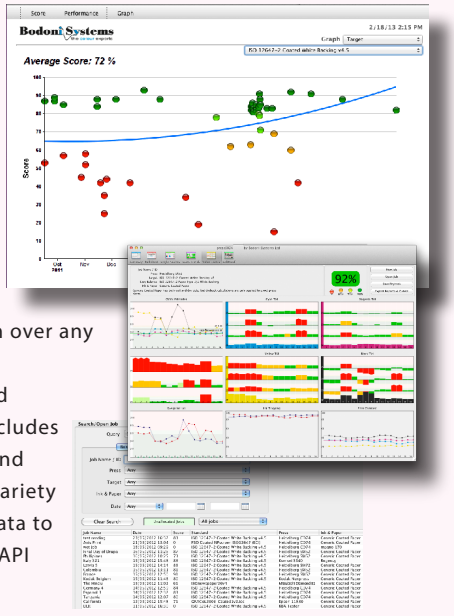
spectro connectivity

pressSIGN-Digital and Standard editions work with hand-held devices and chart readers, such as X-Rite's i1 Pro (all generations and variants), i1iO table, iSis, SpectroEye, 530, eXact and eXact 2, Barbieri's SpectroLFP S3 and "qb" versions, SpectroSwing and SpectroPad, Konica Minolta's FD-7 and MYiro-1 and Teckon's SpectroDens and SpectroJet.

pressSIGN-Pro can also drive all versions of X-Rite's Intellitrax S, eXact AutoScan and EasyTrax S, Techkon's SpectroDrive and integrates with many press manufacturers or 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

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4 versions of pressSIGN, 2 ways to buy!

Choose the version you need (see the compatibility chart below) and then how you want to license it.

pressSIGN Digital - a low cost version for those who want to measure a sheet, compare against a target of their choice and adjust curves in a digital RIP if needed.

pressSIGN Standard - designed for manual process control with handheld devices, showing average ink corrections to achieve the closest match and exporting curves for any press type. It is of particular benefit where automation is not normally possible, such as web offset, gravure, flexo and screen printing.

pressSIGN Trends - for the prepress, production or quality departments where users need to review the colour quality data captured by any of the other three client types, so they can offer improvement suggestions, update correction curves, create or import new targets or spot colours and export PDF reports etc.

pressSIGN Pro - for those who want to ensure every sheet meets the target. pressSIGN-Pro integrates with most on-press closed loop systems and auto-scanning spectrophotometers, then 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.

Choose to buy either a perpetual license of the current release, which includes 1 year of software maintenance, or always stay on the latest version with one of the pressSIGN Global Print Management subscription licenses (available with terms from 1 month to 3 years) and benefit from the additional, unique features as listed below.

functions	Digital	Trends	Standard	Pro
standards				
ISO 12647, 15339, GRACoL G7, Japan Colour	√	√	√	√
ISO 15311-2 A/B/C	√	√	√	√
import from ICC profile - CMYK and ECG	√	√	√	√
measured sheet	√	√	√	√
user defined	√	√	√	√
supported spectrophotometers				
X-Rite i1 Pro (all), i1iO table (all), iSis v2, SpectroEye, 530, eXact (all except Densitometer)	√		√	√
X-Rite eXact AutoScan, EasyTrax S and IntelliTrax S				√
Techkon SpectroDens, SpectroJet	√		√	√
Techkon SpectroDrive				√
Barbieri SpectroLFP (all), SpectroSwing (all) and SpectroPad	√		√	√
Konica Minolta FD-7, MYiro-1	√		√	√
Colour Sentinel CS-110	√		√	√
colour adjustment				
dynamic density adjustment for all solids		√	√	√
tonal adjustments / dot gain / curve output using TVI, 4CX or NPDC	digital RIPs only	√	√	√
white ink control		√	√	√
data import / export				
manual import of measurement files from press closed loop systems	√	√	√	√
hot-folder or AutoMode import from press closed loop inc Heidleberg Prinect API				√
export to InkZone Loop, Rutherford and Printflow 3rd party closed loop systems				√
settings - press targets, tolerance presets, dryback, colour bars, job templates	√	√	√	√
CxF spot libraries	√	√	√	√
PQX	√	export only	√	√

functions	Digital	Trends	Standard	Pro
reports				
label print function	√	√	√	√
pdf measurement report with curve data	√	√	√	√
pdf scoring and production reports		√		√
web reports interface	√	√	√	√
information views				
summary with TVI, NPDC or CIELAB	√	√	√	√
colourbar view showing ink zones		√		√
single patch tools	√	√	√	√
estimates		√	√	√
score trends		√		√
value trends		√		√
production mode		√		√
NPDC	√	√	√	√
soft proof		√		√
spot colours				
Pantone® libraries	√	√	√	√
custom spot libraries	√	√	√	√
CMYK + number of spot colours	12	12	12	12
spot colour tints	√	√	√	√
only with GPM subscription				
multi-site server	√	√	√	√
job synchronisation from remote sites to a central GPM data-center server	√	√	√	√
synchronisation of shared settings from GPM data-center server to remote sites	√	√	√	√
API enables 3rd party access to database	√	√	√	√
scheduled email reports	√	√	√	√
PantoneLIVE support	√	√	√	√
Live Dashboard web portal	√	√	√	√
Upload to Schawk! ColourDrive or X-Rite ColourCert ScoreCard servers	√	√	√	√

Bodoni Systems
the colour experts

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Apple:
MacOS 10.14 onwards
QuadCore CPU, 8GB RAM
Screen Resolution: 1280 x 1024

Microsoft:
Windows 8.1 (64bit only) onwards
Windows 2012 Server R2 onwards
Quad Core CPU, 8GB RAM
Screen Resolution: 1280 x 1024