

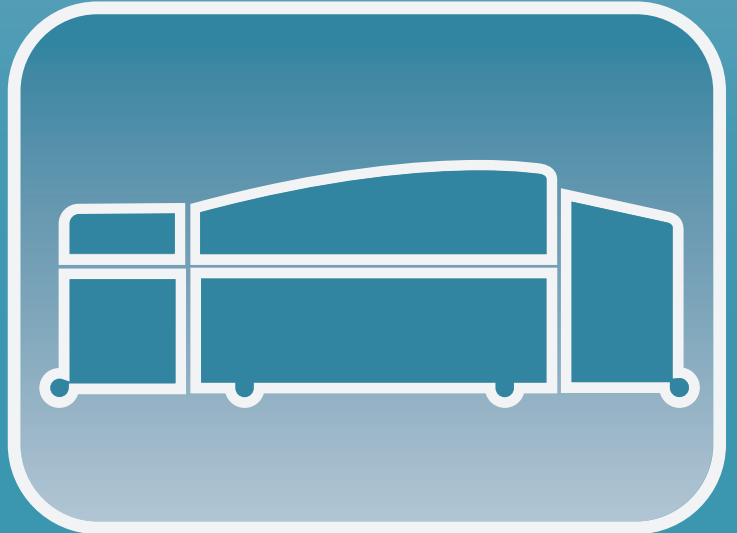
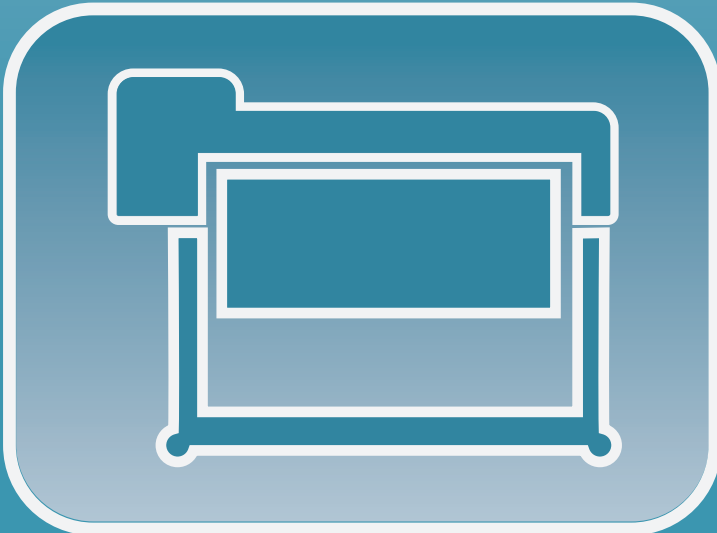
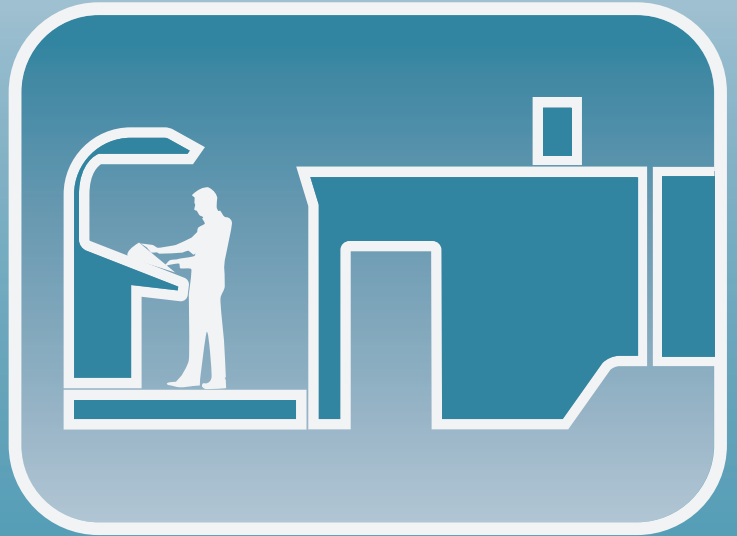
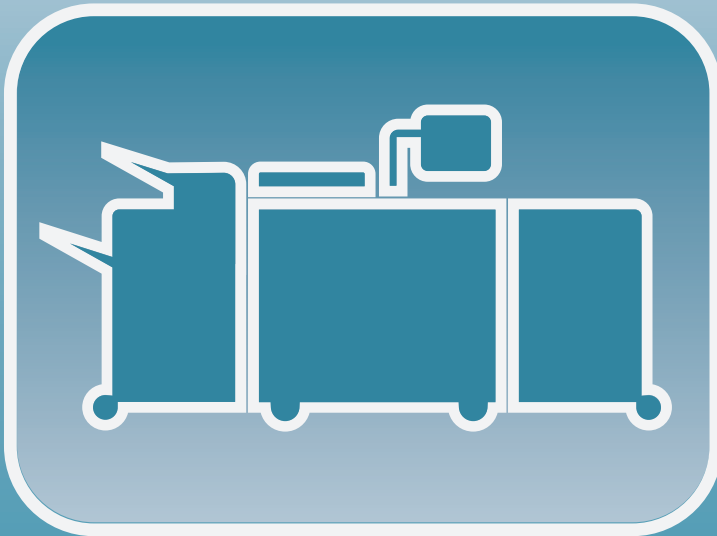


pressSIGN PANTONE® licensed

pressSIGN

intelligent printing

accurate color on all printing devices



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

intelligent printing

pressSIGN tests and controls the printing process for traditional presses and digital devices to give consistently accurate color and provide print quality analysis across the enterprise.

Using pressSIGN dramatically reduces make-ready and preparation times and increases 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 and exporting tonal curve adjustments to your RIP or a PDF workflow is fast and effective.

Whatever the print process, whatever the number of colors whatever the color bar, pressSIGN will make it easier to achieve consistently accurate color.

benefits

Whatever your role in the print process, pressSIGN will help you improve quality and productivity. All versions of the software enjoy the easy to use interface that gives a 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 interface showing them how to adjust density to get to the lowest possible Delta E, either for each ink key across the press or for the printed sheet as a whole.

The pre-press department can export the tonal adjustment curves quickly to a whole variety of the most popular RIP formats or the PDF workflow without having to type in the adjustments manually and so maintain production quality.

The analysis and reporting functions of pressSIGN-Pro and Internet Server help the production manager to understand where problems exist and how to improve them. Reports show job, make-ready and measurement times and enable the management 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 is always responding to the current printing conditions accounting for paper, ink, chemistry and environment.

DDA plus pressSIGN's dry back compensation ensures the color is correct when it arrives at the customer. All printers know there is a color shift as the ink settles. pressSIGN users uniquely are able to compensate automatically for the dry back.

• 4CX technology



NEW patent pending 4CX Technology is included in every copy of pressSIGN. 4CX technology is a revolutionary way of achieving a grey balance for all forms of print including digital.

Matching color is dependent on the correct tonal values. pressSIGN offers two options for tonal curve adjustments, the traditional TVI (dot gain) and 4CX (4 Color Exchange). 4CX produces accurate grey balance adjustments.

4CX technology is simple to use. Just apply the tonal curve adjustment recommended by pressSIGN to the RIP or PDF workflow and see the results. - perfect grey balance.



• multi-user SQL database

All versions of pressSIGN include an SQL database that allows multiple pressSIGN clients to input measurements into one database for central analysis and reporting, whether you have one printing device or 100.

• spot colour libraries

All versions of pressSIGN include the Pantone® libraries and the ability to create custom spot libraries that can be exported to other users.

pressSIGN-Pro clients

The Pro measuring client that works next to the press or digital output device.

pressSIGN-Trends normally located in the production or pre-press office.

pressSIGN-Mobile which gives access to the pressSIGN server from anywhere via a browser interface.

The Pro client shows the operator how to achieve the lowest Delta E and best possible consistency across the press.

From the production office open any job from pressSIGN-Trends without having to visit the press room. Managers can create new jobs and assign them to different presses and operators. The operator sees only his own jobs.

Make tonal curve adjustments from the prepress office without disturbing press production with pressSIGN -Trends. Upload production reports to the web and analyse production performance. See which presses or operators take the least time in make-ready and are the most productive. Identify weaknesses in production and quality and correct them.

Out of the office but need to keep in touch with that important job? Access the pressSIGN database with pressSIGN-Mobile from anywhere on any smartphone, tablet or workstation. Use the built-in chat messaging directly with the operator.

soft proofing

pressSIGN soft proofing is included in pressSIGN-Pro and Trends clients. Compare the actual printed job with the print target. See what would happen if you adjust the tonal curve as suggested by pressSIGN. The soft proof window lets you visually compare any two of the following:

- print target
- print target with the actual paper color in use
- measured press sheet(s)
- measured press sheets plus tonal adjustments (either TVI or 4CX)
- measured press sheet and ink zone variation
- measured press sheet and ink zone variation plus tonal adjustments

Use pressSIGN soft proofing to:

- see the impact of different substrates on the job
- compare the desired target and your actual print
- evaluate the benefit of updating the tonal curve

Use pressSIGN Soft Proof beside the press, in the production office or across the internet at the clients' office.



printing standards

pressSIGN is the most flexible tool 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 complete color matched system.

Use a measured press sheet to create a 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 work.

Define your own print standard by typing your own Lab and TVI targets.

inkWIZE AutoCurves

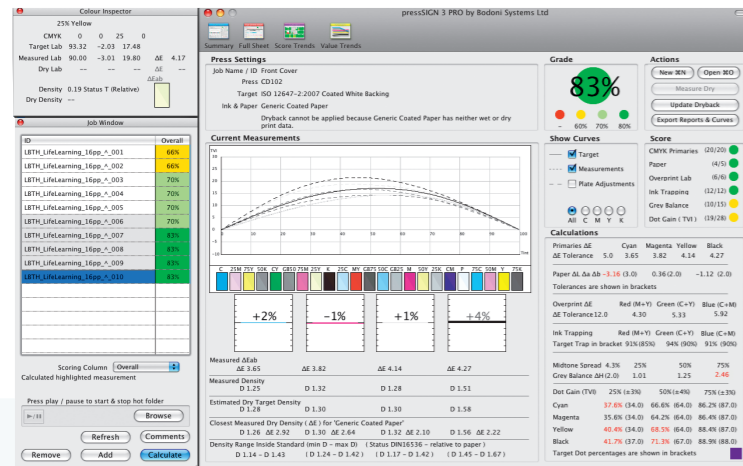
Without the right tonal curve the print will never match the proof or standard. inkWIZE AutoCurves is an option that makes this process fast and extremely simple. Drop the PDF into a hot folder and it is exported with the adjustments applied. Update the tonal adjustments with one click from pressSIGN.

pressSIGN connectivity

pressSIGN-PrintBuyer and pressSIGN standard edition work with X-Rite's Eye-One, SpectroEye, 530 and Barbieri LFP spectrophotometers.

pressSIGN-Pro and Internet Server versions also drive X-Rite's EasyTrax S, Intellitrax S, Techkon's SpectroDrive and SpectroJet and accept data from Komori PDC-SII, Heidelberg Image Control and GMI-AVT measurement devices.

pressSIGN-Pro interfaces with various third-party closed loop systems from companies such as Digital Information, Printflow and Rutherford to provide a highly integrated fast and accurate press room control for virtually all presses.



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-Internet Server

for larger enterprises with print sites or suppliers in multiple locations. Centralise all measurements with pressSIGN Internet Server to set group wide standards and spot colors. Compare the performance of sites, presses, operators, shifts and more. Internet server includes the same clients and capabilities as pressSIGN-Pro.

pressSIGN Internet Server includes soft proofing allowing you to see the impact of all print measurements on the image quality and approve the job from anywhere connected to the internet.

pressSIGN-Standard

standard edition - designed for basic process control 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.

functions	Pro	Internet Server	Standard	Print-Buyer
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 EasyTrax	√	√		
X-Rite Intellitrac	√	√		
Techkon SpectroJet	√	√		
Techkon SpectroDrive	√	√		
Barbieri LFP	√	√	√	√
import data				
SVF files	√	√		
JDF files	√	√		
CGATs data from Heildeberg Image Control, Komori PDC-SII & others	√	√		
import/export	√	√	√	√
print standards/measurements/dry back data/ICC profiles/color bar	√	√	√	

functions	Pro	Internet Server	Standard	Print-Buyer
reports				
label	√	√	√	√
pdf measurement report without curve info				√
pdf measurement report with curve info	√	√	√	
pdf scoring report	√	√		
pdf production report	√	√		
views				
summary without density adjustment info				√
full sheet view	√	√		
score trends view	√	√		
value trends view	√	√		
production/make ready/OK sheet	√	√		
spot colors				
Pantone® Libraires	√	√	√	√
Custom Spot libraries	√	√	√	√
CMYK + 2 spots	√	√	√	√
Up to any 16 colors	√	√		
additional clients				
standard clients			√	
Pro clients	√	√		
Trends clients	√	√		
Mobile clients	√	√		
upload reports to pressSIGN online	√	√	√	√
soft proof	√	√		
diagnostics				
density adjustments	√	√	√	
tonal adjustments – TVI & 4CX	√	√	√	