

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.

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.

- **DryBack Compensation**

It ensures the colour 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 colours.

- **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**

It 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 from 1 to 16 colours, spot or process.

- **Soft Proof**

- Included with **pressSIGN-Pro** and Trends clients only.

- Onscreen comparison of the measured sheet with the print target.

- See the impact the paper colour has on the image even before you begin printing.
- **Preview** the effect of updating tonal curves before making new plates or re-ripping the job.