PRINT Standardizer

PILOT

Alwan Color Expertise

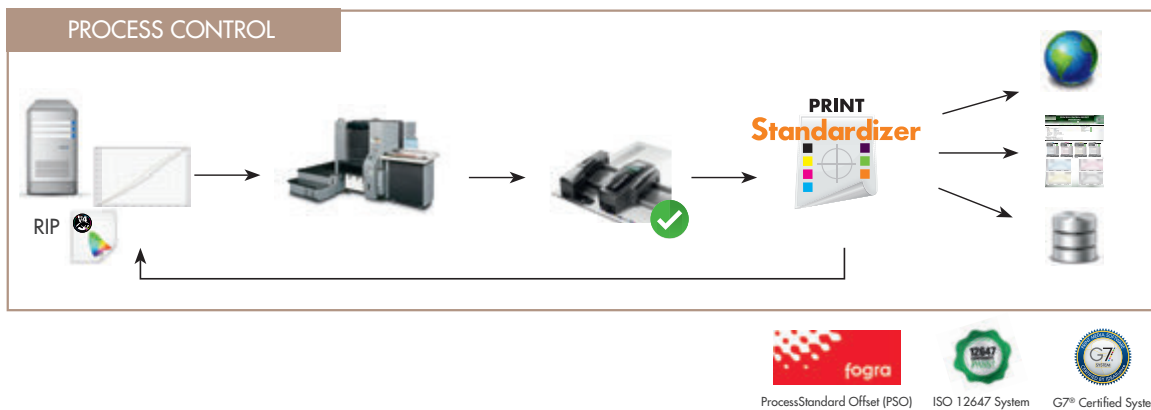# Alwan PrintStandardizer

PRESS MONITORING, CALIBRATION AND STABILIZATION FULLY AUTOMATED SERVER FOR ALL PRINTING PROCESSES

PROCESS CONTROL

RIP

PRINT Standardizer

ProcessStandard Offset (PSO)   ISO 12647 System   G7® Certified System

BENEFITS

IMPROVE QUALITY

Consistent and repeatable colors
Alwan PrintStandardizer allows you to achieve consistent and unequaled color quality on CMYK, Spot and Multicolor printing processes. The software also helps you maintain color matching throughout the print run and from job to job.

On-site and Off-site Quality Control
Alwan's local and Web Interface reporting enables you to monitor your production in real time.

Standards conformance
Calibration to standard requirements enables you to quickly match customer proof and color expectations.
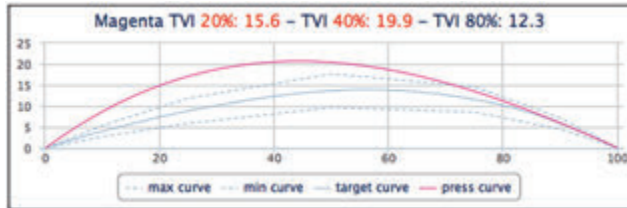
IMPROVE PRODUCTIVITY AND EFFICIENCY

Time and Cost saving
Alwan PrintStandardizer (APS/X) is an intelligent and automated calibration system that identifies, corrects, maintains printer tone reproduction (dot gain) curves and gray balance, hence eliminating manual systems and human errors. APS/X is easy to implement and use. Usual production tools and practices can be maintained. No specific color bar, instrument or dedicated calibration session are needed to use the software.
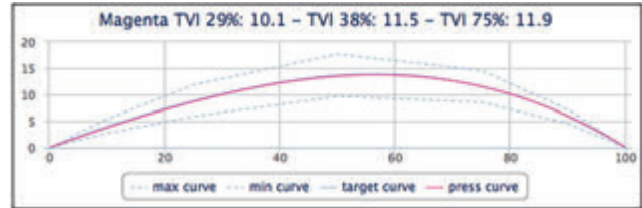APS/X helps you eliminate make-ready an reprint costs in trying to achieve the right colors. Your savings are immediate and quantifiable.
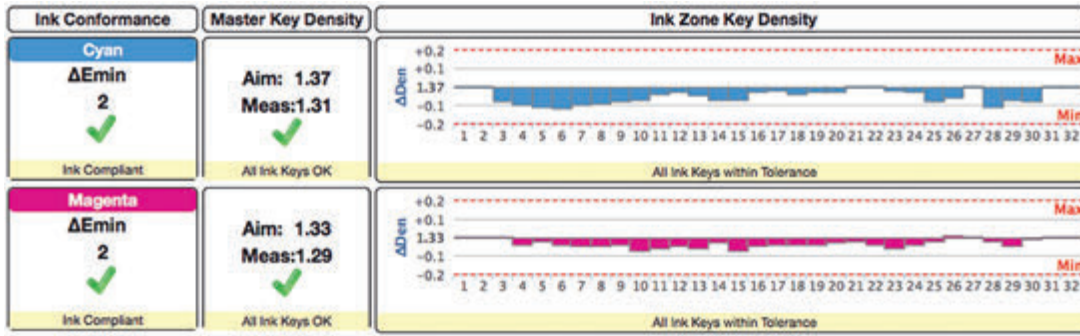
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ISO and G7® Process Control and Tone Reproduction Curve Adjustment (TRCA) for CMYK and 5/6/7+ Extended Color Gamut printing processes

Magenta TVI 20%: 15.6 – TVI 40%: 19.9 – TVI 80%: 12.3

Before PrintStandardizer Calibration

Magenta TVI 29%: 10.1 – TVI 38%: 11.5 – TVI 75%: 11.9

After PrintStandardizer Calibration

Ink Conformance	Master Key Density	Ink Zone Key Density
Cyan ΔEmin 2 ✓ Ink Compliant	Aim: 1.37 Meas:1.31 ✓ All Ink Keys OK	All Ink Keys within Tolerance
Magenta ΔEmin 2 ✓ Ink Compliant	Aim: 1.33 Meas:1.29 ✓ All Ink Keys OK	All Ink Keys within Tolerance

InkZone option
assesses actual printing condition and helps press operator reach the best solid color and density for each ink, CMYK and Spot.

Process Ink Print Sequence

PU1* PU2* PU3* PU4* PU5* PU6* PU7*

Alwan Job Color Ticket
defines print device aims and tolerances for a job, here a 7 color job JCT.

Alwan_Products_V15