CrossMatch™
Process Control System

Controlling and synchronizing color throughout the supply chain is key to reducing costs and accelerating the color approval cycle. Both print producers and buyers with color quality requirements can unlock significant value in the color supply chain with the CrossMatch™ Process Control System.

The CrossMatch™ Process Control System incorporates all of the supply chain participants and their production workflows. Our solution ensures a seamless handoff of color for global production without any loss in quality.

What's more, the CrossMatch™ Process Control System comes from color experts who bring with them decades of know-how in software development, statistical analysis, and integrating linearization, calibration, profiling and process control. This know-how, combined with web-enabled color control modules for digital files, soft proofing, remote ink jet proofers, production proofers (both halftone and ink jet), plate setters via the plate curves, and press sheets, comprise the CrossMatch™ Process Control System. ColorSciences provides personalized service – from customization planning and implementation to ongoing support and training. That means you get a comprehensive color control solution from dedicated professionals who'll be there to provide what you need as business needs evolve.

CrossMatch™
Services

Expert support every step of the way.
CrossMatch™ Services provides color expertise and ongoing support to maintain end-to-end color fidelity. With comprehensive training, on-site installation, on-line process control data reporting and color diagnostic studies, CrossMatch™ Services is your personal support hotline, offering just-in-time expertise.

Services Options
• Verify and Establish Digital Color Standard
• System Configuration, Installation and Training
• Plate Curve Optimization
• On-line Monitoring, Diagnostics and Corrective Action Services
• Color Diagnostic Studies
• Print Buyer Training for Press Runs
• Independent Color Audits

CrossMatch™
Proofing

Digital delivery and approval of contract proofs.
CrossMatch™ Proofing is web-enabled proof verification and color control software that manages color issues remotely and solves them locally. Now both plant and customer proofs can be inspected, approved, or color corrected over the web — with the peace of mind that each one is accurately produced to your defined color standard.

Proofing Options
• CrossMatch™ Production Proofing System
• CrossMatch™ Remote Proofing System
• CrossMatch™ ProofCheck XM

"Color control that really works"

You get a comprehensive solution. With highly skilled color experts, software and services, ColorSciences delivers everything you need for an effective color control system. The CrossMatch™ Process Control System covers CrossMatch™ Proofing, Plates, and Press. It is a complete end-to-end color supply chain management system that documents color quality for your customers and your ISO 9000 requirements.

Multi-part ROI. Unlock hidden ROIs. Both print producer and print buyer can reap dramatic benefits from reduced production costs and significant improvements in cycle time.

Benefits print buyers. Print buyers save by reaping the benefits of reduced project cycle times through the digital delivery of contract proofs. Your proofing cycle time will go from days to minutes, whether domestic or global. This is accomplished by installing CrossMatch™ Remote Proofing that is tied to the agreed digital color standard between print buyer and print producer. ColorSciences, through its color services agreement, independently verifies and maintains through its process control bar, that all remote proofs meet the color standard. The result is higher quality, lower cost, hassle-free color where the workstation color reflects actual press color. Print buyers and ad agencies can track their printer's color quality using process control data.

Benefits print producers. Printers cut costs while improving color quality, customer satisfaction, and loyalty. Printers save with reduced halftone proofing consumable costs, improved reliability and predictability for color make-ready time on press, reduced plate remakes, reduced spoilage, and more efficient load balancing among plants from strategically-placed process control modules in the production workflow.

Call toll free 888-279-7638

For Print Buyers and Print Producers

Control through the enterprise. Process control modules track and ensure color accuracy within a single company from digital file, soft proofing, remote proofing, production proofing, plate curve settings and spectrally measured press output.

Control through the supply chain. Centralized web-based tracking and color correction ensures system-wide calibration and color accuracy for all supply chain participants including print producers, print buyers, prepress agents, ad agencies, designers, and photographers.

Tracks and corrects color devices. Customized to your specific color environment and business requirements, the CrossMatch™ Process Control System replaces the guesswork with color science for color matching and control. With web-enabled statistical process control capabilities, all stakeholders, with the click of a mouse, can view their device performance. For the prepress manager, SPC data provides objective data on plant color quality and operator performance. For senior print producer managers, the web site provides concrete data on how all plants are operating individually and as a group. For print buyers and ad agencies, you can track and objectively rank your print producers by color quality using process control data. For everyone, the web site offers a new level of communication and the opportunity for all stakeholders to exchange color with improved quality standards at lower costs, more efficiently.

Color Certified by
COLORSCIENCES

CrossMatch™
Plates

Optimize plate curves to match local press conditions. CrossMatch™ Plates optimizes plate curves, accounting for local press conditions, to match the digital color standard. When used in combination with CrossMatch™ Proofing, its color algorithms produce the optimal color match between proof and press. Once your curves are created, CrossMatch™ Plates helps you simplify and stabilize the complexity of the CTP process through the incorporation of process control. The result is improved pressroom confidence that your plates are stable and verifiable, with fewer plate remakes.

Plate Options
- CrossMatch™ PlateCheck XM
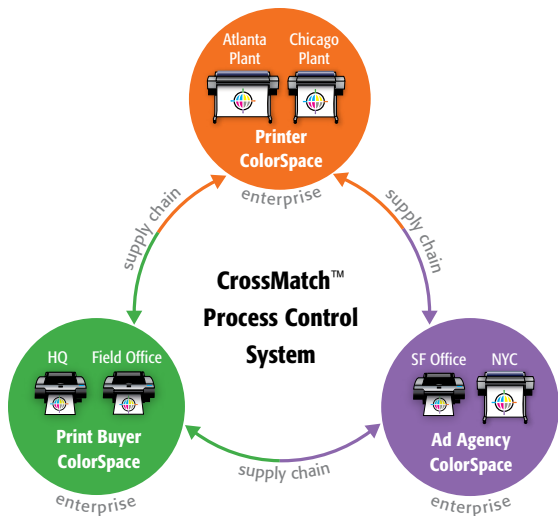- CrossMatch™ Plate Curve Optimization Service

CrossMatch™
Press

Verify color match to the digital file. CrossMatch™ Press is a suite of diagnostic and color correction tools that help both printer and print buyer quickly and easily maintain and document contract color on press. It tracks and analyzes spectral measurements taken press-side from critical image areas and recommends color moves during make-ready and the press run. It objectively analyzes complex color issues and insures color accuracy for many print environments.

Press Options
- CrossMatch™ PressMaster XM
- CrossMatch™ Print Buyer Training for Press Runs

Atlanta Plant • Chicago Plant
Printer ColorSpace

CrossMatch™ Process Control System

HQ • Field Office
Print Buyer ColorSpace
enterprise

SF Office • NYC
Ad Agency ColorSpace
enterprise

supply chain • *enterprise*

Benefits of the CrossMatch™ Process Control System	Print Producer	Print Buyer
Reduced proofing cycle time	•	•
Reduced paper, ink, and labor in color make-ready	•	•
Up to color faster	•	•
Reduce expensive color corrections on press	•	•
Quicker color press sign off	•	•
Fewer jobs rejected	•	•
Improved customer satisfaction and confidence	•	•
Less waste in job reprints	•	•
More image screening options without color shifts	•	•
Color audit trail for faster trouble shooting and problem resolution	•	•
Greater color consistency	•	•
Levels the playing field between print buyer and press operator	•	•
Less discounting on print jobs	•	
Load balancing and cross selling	•	
Global brand management color control across different media		•
Greater flexibility in repurposing artwork		•

How it works. To implement the CrossMatch™ system the first step is to identify and define your color space. A visual confirmation of this color space is then created and certified via our ink jet proof. Confirmation of the press room's ability to produce the desired color space is accomplished through a linear press run followed by a plate curve confirmation press run. CrossMatch™ continually monitors the color standard over the web to identify any color adjustment requirements. The ability to further extend color control is accomplished with our remote proofing at print buyer and agency locations throughout the extended color supply chain.

Remote proofing with confidence. The CrossMatch™ Remote Proofing System is a complete web-enabled proof verification and color process control system that provides users complete assurance and support with remote proofing operations. The system provides the ability to inspect, certify, and color correct contract proofs from remote locations with the confidence that each proof is accurate to an accepted color standard such as SWOP, GRACoL, or your own color standard. The CrossMatch™ print certification technology has been incorporated into the new Epson PrintCertification Solution from ColorSciences.

CrossMatch™ Process Control System. The experts at ColorSciences can help find the return on investment (ROI) for the CrossMatch™ Process Control System. It's easy to get started. ColorSciences will help you identify how your business can gain significant value while improving color quality and reducing costs. Learn more about your ROI and how others are using the CrossMatch™ Process Control System. E-mail sales@colorsciences.com, call toll-free at 888-279-7638 or visit www.colorsciences.com.

About ColorSciences. ColorSciences is an innovator in color measurement and control, improving profitability, increasing competitiveness, reducing costs, and driving sales for printers, advertising agencies, and FORTUNE 500 companies worldwide. Based in Austin, Texas, the experts at ColorSciences have been at the forefront of color control since 1989. The company is a consistent leader in calibration and process control software and services. Today, ColorSciences continues to advance enterprise color control by integrating professional services with software for calibration, characterization, statistical process control, remote monitoring, remote diagnostics, and remote color correction. The company also conducts plant audits and establishes and maintains color standards for print buyers and advertising agencies worldwide.

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