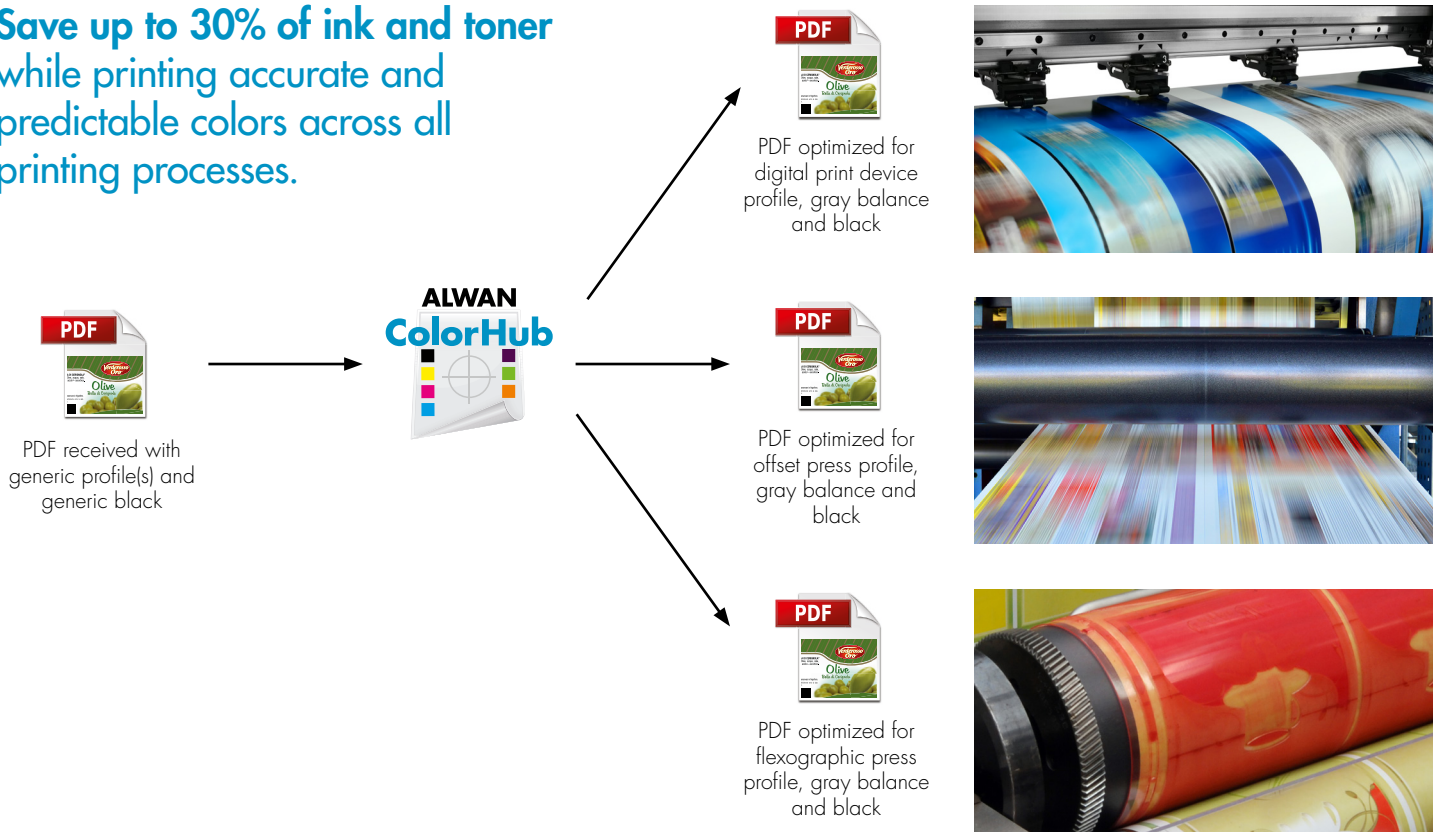


Alwan ColorHub

Save up to 30% of ink and toner while printing accurate and predictable colors across all printing processes.



Main benefits

Ink and toner savings

- Lower printing costs
- Better printability
- Higher printing speed

Device-to-device match

- Perfect proof-to-press match
- Perfect press-to-press match
- Digital, offset, flexo and gravure

PDF standardization

- Same output color space for all content
- Optimal color separation
- Enabled ISO and G7® printing

Alwan ColorHub (ACH/X) is more than a color management server!

It is made for images and PDF files color separation and ink optimization, no matter what input or output color spaces and printing processes you use. Simply print accurate and predictable colors with any workflow thanks to the Alwan ColorHub solution.

Alwan ColorHub is a unique PDF color management server with exclusive technologies that allows you to print better color while lowering your costs.

More accurate colors with ACH/X Dynamic DeviceLinks™ technology

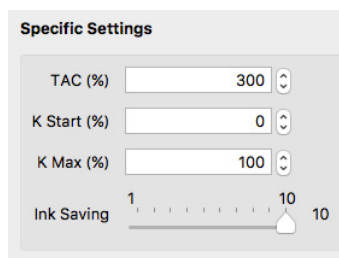
Alwan ColorHub's award-winning Dynamic DeviceLinks™ technology lets you print more accurate colors than any other color management server.

ACH/X analyzes individual PDF to evaluate its components, identifying all elements, their color description and color spaces. Each object within a PDF is then analyzed for its area coverage and ink consumption. Then Alwan Dynamic DeviceLinks™ are created and applied on PDF content ensuring unequalled color accuracy and print quality.

The technology works in all print environments including offset, digital, flexo and gravure.



More ink and toner savings with ACH/X Dynamic Maximum Black technology



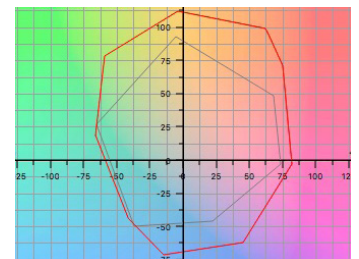
Alwan ColorHub enables ink and toner savings thanks to 8 levels of Gray Component Replacement (GCR) and Alwan's unique Dynamic Maximum Black (DMB) technology. GCR offers enhanced color separation as black is preferred to cyan, magenta and yellow inks.

DMB goes the extra mile by using up to 10% less ink and toner than GCR Max without any compromise on quality. As a result, costs are significantly cut, printing speed is increased and printing stability is improved.

Cheaper and faster spot color printing with HiFi option

Alwan ColorHub's HiFi (High-Fidelity) option for Extended Color Gamut (ECG) processes, coupled with CxF/X-4 technology, has been designed to reproduce spot colors without using spot inks¹. Instead, 4, 5, 6 or 7 process inks such as XCMYK® or CMYKOGV are used to extend the print device color gamut and enable the accurate simulation of spot colors.

¹ For more details, please read our "HiFi/Extended Color Gamut by Alwan" brochure.



Output profile update with Hydra Profiling® option



Patent pending Hydra Profiling® spectral profiling technology² is able to build output ICC profiles from virtually any measurement file, not necessarily an IT8. Hydra Profiling® also allows you to edit an output profile to accommodate any change in printing condition, ink or substrate without the need for a profiling session.

This solution makes profiling sessions upon each change in the output process a thing of the past and saves considerable time and money. By having an up-to-date print device profile as a target output in Alwan ColorHub, your color separation, ink optimization and color accuracy will always be of unequalled quality.

² For more details, please read our "Hydra Profiling®: Spectral Profiling by Alwan" brochure.

You need more information or you are interested in trying Alwan ColorHub?
Please contact your local dealer or email us at info@alwancolor.com



www.alwancolor.com