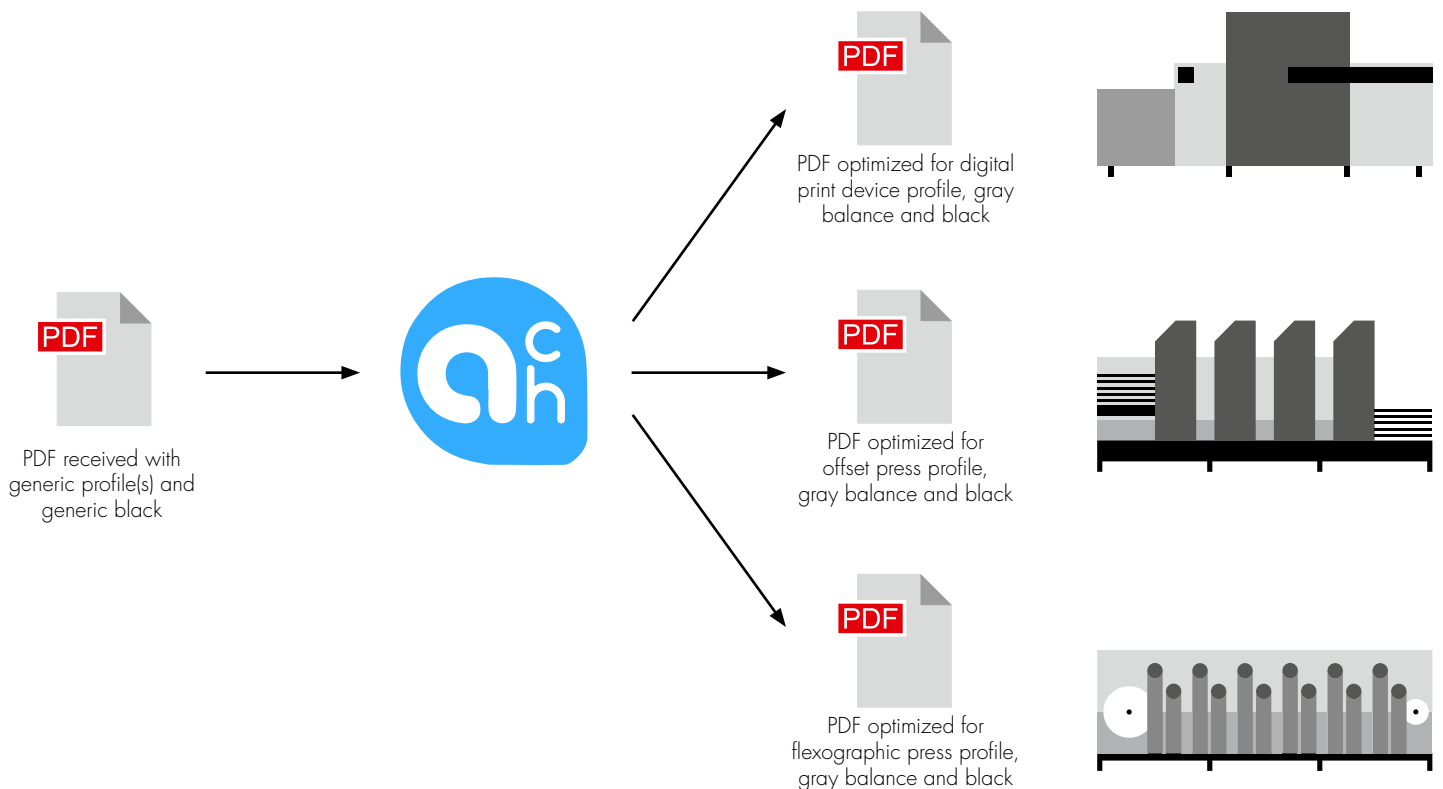


## Alwan ColorHub

Industry leading PDF color management server



## Main benefits



### Lower costs, increase margins

Up to 50% ink and toner savings



### Improve productivity

Less time per job, more jobs per day



### Color matching across printing processes

Offset, digital, flexo, gravure, CMYK, HiFi, Spot...

## Alwan ColorHub 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 allow you to print better color while lowering your costs.**

## More accurate colors with Alwan ColorHub Dynamic DeviceLinks™ technology

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

ACH 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 Alwan ColorHub

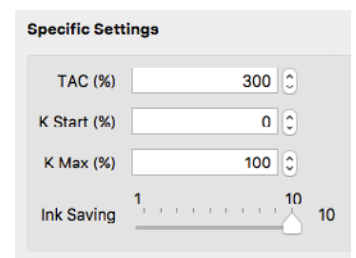
Alwan ColorHub contains 3 inks savings technologies: industry standard Gray Component Replacement (8 levels of GCR), together with proprietary Dynamic Maximum Black (10 levels of DMB) and Minimum TAC & Ink Usage (5 levels of MTIU).

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.

MTIU technology has a focus on minimizing the TAC, regardless of the channel, which allows up to 50% ink savings compared to original separation.

As a result, costs are significantly cut, printing speed is increased and printing stability is improved.

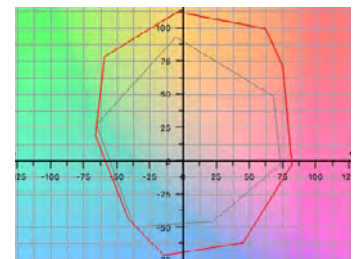


## Cheaper and faster spot color printing with HiFi® option

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 inks<sup>1</sup>.

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.

<sup>1</sup> For more details, please read our "HiFi® Printing" brochure.



## Output profile update with Hydra Profiling® option

Patented Hydra Profiling® spectral prediction technology<sup>2</sup> 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.

<sup>2</sup> For more details, please read our "Hydra Profiling®" brochure.



You need more information or you are interested in trying Alwan ColorHub?  
**Please contact your local dealer or email us at [sales@alwancolor.com](mailto:sales@alwancolor.com)**



[www.alwancolor.com](http://www.alwancolor.com)