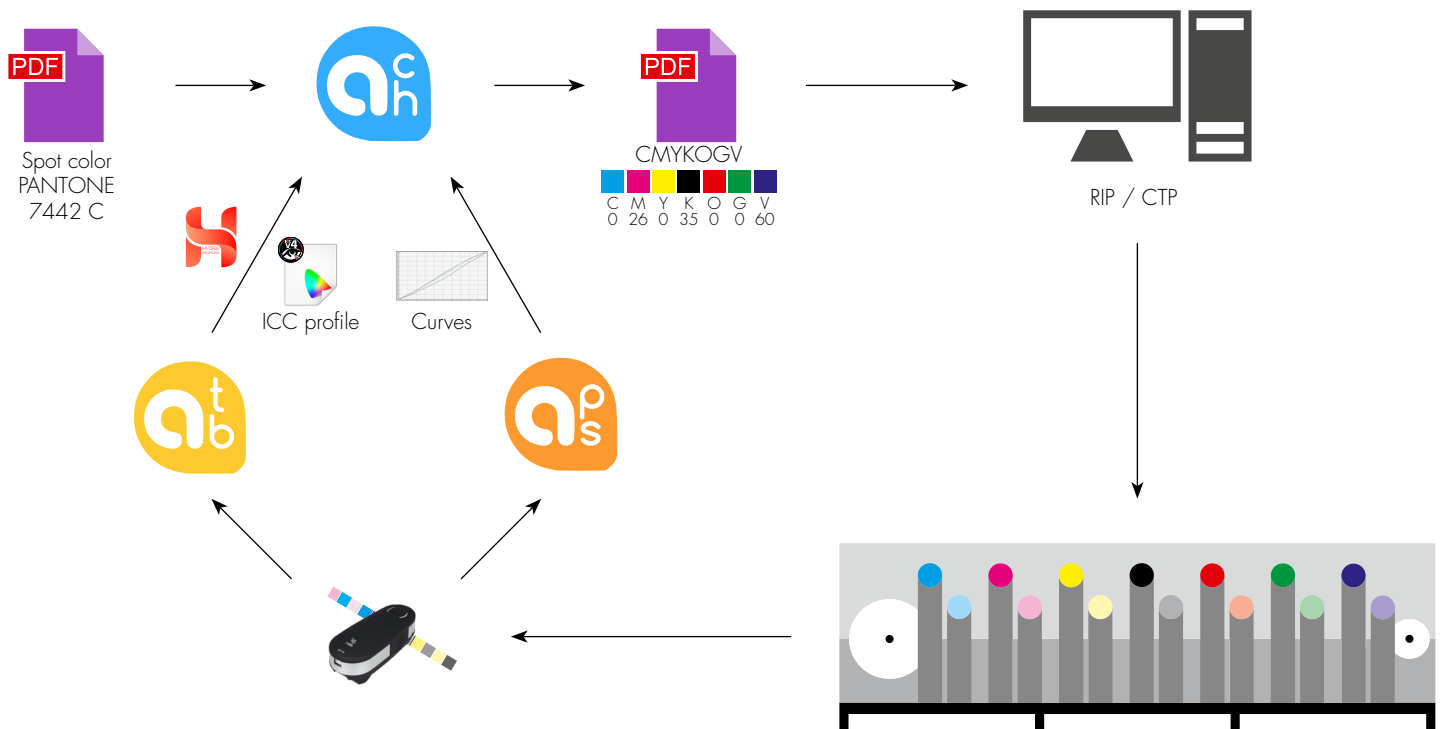


HiFi® Printing

Expanded Color Gamut (ECG) by Alwan



Main benefits



Print spot colors without spot inks

Up to 90% of spot colors reproduced



Print more colors, improve quality

Increase gamut size by up to 50%

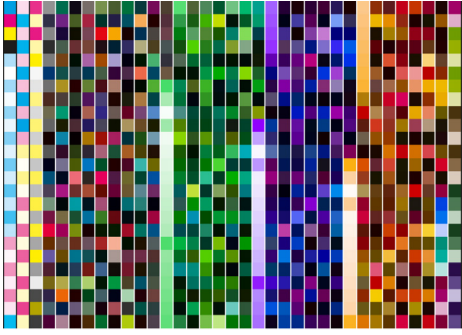


Lower costs, increase margins

No cleaning, no idle time, faster make-readies

Print spot and brand colors without spot inks with Alwan's HiFi technology

Alwan Color Expertise has developed its HiFi technology to simplify multicolor printing. Alwan's HiFi technology is available with all Alwan products: Alwan ColorHub (color management), Hydra (spectral profiling), Alwan PrintStandardizer (process control), Alwan PrintVerifier (reporting) and Alwan Toolbox (measurement and profiling).



Hydra® chart for 7-color digital printing (875 patches)

“Alwan has a range of excellent color products that produce high quality results, coupled with support that responded within minutes. If you are shopping for a multicolor solution, Alwan should be on your shortlist”

– Expanded Gamut Study 2019,
Prof. Abhay Sharma ,Ryerson University

Alwan PrintStandardizer: Maintaining printing conditions for best results

The printing process stability is critical in a multicolor environment. Alwan PrintStandardizer helps press operators maintain optimal printing conditions for the used combination of device, inks and substrates.

Tone reproduction curves of HiFi/ECG inks are set and maintained for each job. A stable press offers reliable, predictable and reproducible colors.



Hydra Profiling®: Characterizing multicolor processes in 5 clicks

Hydra® technology offers intelligent filtering and averaging of measurement data. This allows operators as well as experts to easily create accurate output ICC profiles for any 3 to 7-color printing process.

For a 7-color printing process, the Hydra chart is made of only 875 patches, fitting on one single page, simplifying greatly the measurement and profiling process.

In our latest Alwan ToolBox product, we have decided to simplify the profile creation process, building a step-by-step and easy operating mode.



Alwan ColorHub: Automating spot color conversions

Alwan ColorHub applies the ICC profile of the choosen HiFi/ECG process. Jobs that are destined for HiFi printing are automatically managed by Alwan ColorHub thanks to its HiFi option in order to print spot colors with ECG process inks and minimum ΔE.

To guarantee best results for printers and print buyers, Alwan ColorHub allows users to control spot color conversions, according to quality criteria. For brand colors for example, Alwan ColorHub can keep a spot color unconverted thanks to its name or if quality can't be ensured.



You need more information or you are interested in trying Alwan's HiFi technology?
Please contact your local dealer or email us at sales@alwancolor.com



www.alwancolor.com