Alwan
Color Expertise

High Productivity Mode (HPM)

CMYK

CMYK

CMYK

CMY

CMY

CMY

Main benefits

Improve productivity and quality
Quicker prints, better quality

Lower costs, increase margins
Less time per job, more jobs per day
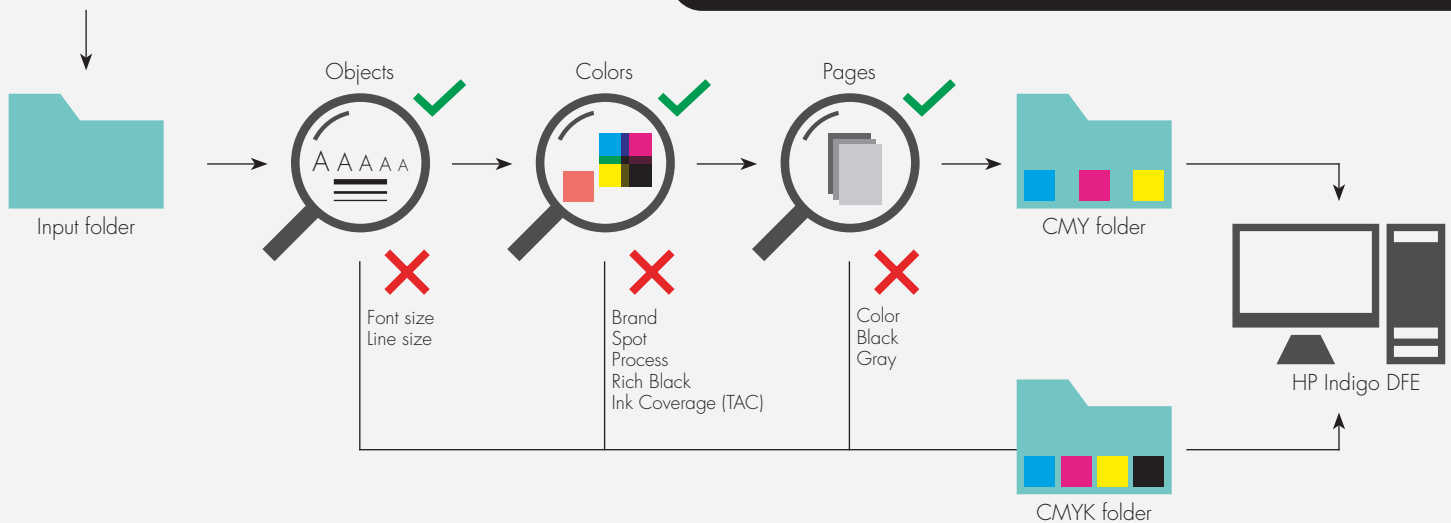
Reliable automation
Simple settings for fully automated, quality prints

Print more, better and for less $ with Alwan's High Productivity Mode (HPM)!

Alwan's HPM technology allows printers to print in CMY instead of CMYK on their HP Indigo® presses, improving productivity, quality, margins and competitiveness.

Input folder — Objects — Colors — Pages — CMY folder — HP Indigo DFE — CMYK folder

Font size
Line size

Brand
Spot
Process
Rich Black
Ink Coverage (TAC)

Color
Black
Gray

Increase your HP Indigo's productivity without compromising quality

The digital front end of HP Indigo® presses has an option called EPM (Enhanced Productivity Mode). When activated, this option prints jobs using CMY units only, therefore saving one impression per form – black color revolution is not used – and increasing productivity by up to 33%.

Alwan's HPM technology is the ideal companion of HP's EPM. It has been developed in order to check every incoming PDF file and to assure that they will print successfully in CMY mode. If it is the case, files are optimized for CMY printing ; if not, files are optimized for CMYK printing.

Print more jobs in EPM mode thanks to Alwan's state-of-the-art technologies

Matching brand colors and CMYK colors is paramount when printing on a digital press, but this can become a challenge when using CMY inks only. Thanks to Alwan's state-of-the-art, award-winning technologies, HP Indigo® CMY printing can match the highest color quality standards and the most demanding customer expectations.

Alwan ColorHub has been leading the PDF color server industry since its first release in 2004, and it has been awarded many times for its unique Dynamic DeviceLinks® color quality.

Hydra Profiling® lets printers build very accurate and smooth profiles despite the small number of patches used in Hydra® charts. Alwan's patented spectral prediction technology is the perfect profiling tool for HP Indigo® presses, especially for CMY printing. Hydra Profiling® is an option of Alwan ColorHub.

Automate your EPM workflow easily and reliably

Even though all jobs can be technically printed in CMY, some jobs may not be appropriate for CMY-only printing, particularly those with dark colors, black, small text and fine lines, black only pages, etc.

For these reasons, Alwan built a sophisticated technology that assesses PDF files' ability to be printed in CMY mode and compares CMYK and CMY color reproductions. If all criteria pass, CMY PDF is automatically placed in HP Indigo® CMY input folder. If one criteria fails, CMYK PDF is placed in HP Indigo® CMYK input folder.

With Alwan HPM you can easily use predefined HPM presets or choose and set your own criteria, and start production a few minutes after installation.

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www.alwancolor.com

2025_HighProductivityModelHPM_Brochure