Secure customers with the most extended PANTONE® color matching
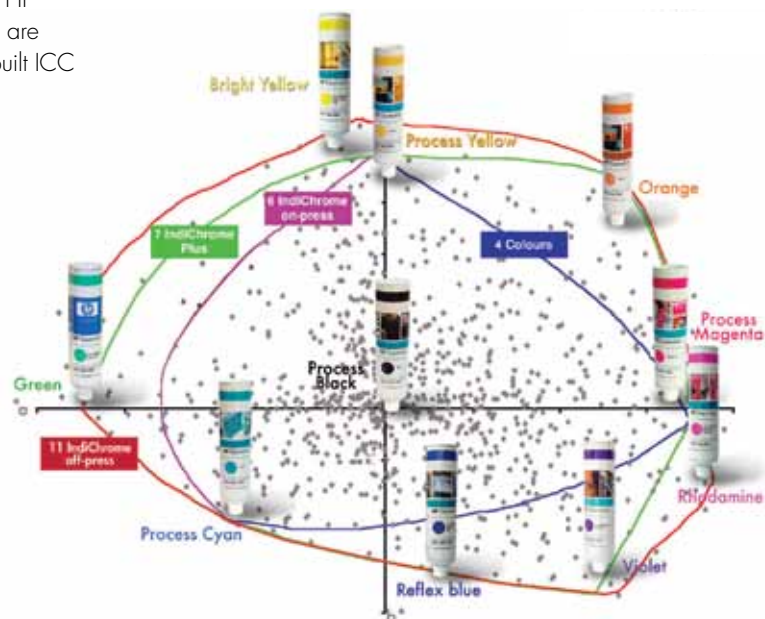
To allow print service providers the highest degree of flexibility in their offerings, HP Indigo has developed the broadest PANTONE-licensed set of solutions. HP Indigo's exclusive PANTONE-licensed toolbox makes it easy to match colors in offset quality.

Make the most with CMYK

CMYK can go a long way with HP Indigo digital presses. Using HP Professional PANTONE Emulation Technology, PANTONE colors are simulated on press in 4 colors at high accuracy utilizing custom-built ICC profiles for specific press/media combinations.

Impress with the widest on-press color gamut

HP IndiChrome and HP IndiChrome Plus offering from HP Indigo are the only PANTONE-licensed 6- and 7-color on-press solution in digital printing, offering CMYK plus orange, violet and green. Highly accurate PANTONE emulations happen on press using an extended color gamut, saving extra work of ink preparation, replacement and wash-ups. HP Indigo on-press color simulations support PANTONE PLUS®, PANTONE MATCHING SYSTEM®, and PANTONE Goe™.

- ▬ 4 colors (CMYK)
- ▬ HP IndiChrome on-press (CMYKOV)
- ▬ HP IndiChrome Plus (CMYKOVG)
- ▬ HP IndiChrome off-press (CMYKOVG and reflex blue, bright yellow, rhodamine red, and transparent)

Off-press spot color mixing delivers the broadest digital color gamut

Brand conscious customers usually require CMYK plus a specific spot color. A unique system for HP Indigo digital presses—also standard in the offset process—delivers accurate brand color matching (Delta E < 1). Simply specify a PANTONE color, and HP IndiChrome off-press creates the ink with a combination of 11 base colors: CMYK, orange, violet, green, reflex blue, rhodamine red, bright yellow, and transparent. With its support for PANTONE PLUS, PANTONE MATCHING SYSTEM, and PANTONE Goe, HP IndiChrome off-press extends spot color offerings to more than 3000, covering up to 97% of the PANTONE range.

The diagram on page 4 shows HP Indigo's extensive color range using CMYK, HP IndiChrome on-press, HP IndiChrome Plus, and HP IndiChrome off-press.

How to create spot colors

Using the HP IndiChrome Ink Mixing System (IMS), spot colors can be made in their precise quantities and on premises. This stand-alone system features state-of-the-art color measurement.

Together with HP Indigo's Pantone matching tools, the IMS makes spot color creation an easy procedure. Pre-mixed colors can also be ordered from the HP IndiChrome Ink Mixing Services by specifying the color number if a large quantity is needed for a specific color.

Switch unlimited spots seamlessly

To help printers use a variety of spot colors—and frequently change them—HP Indigo's On-press Fast Ink Replacement (OFIR) system eliminates ink replacement downtime for replacing special and spot colors on-the-fly while printing other jobs. The system also helps increase press uptime and productivity, improving color accuracy and reducing total cost of operation.

"Special colors have been a great success for 1st Byte. We are using the HP IndiChrome Ink Mixing System more or less every day."
Lawrence Dalton, Managing Director, 1st Byte, UK