



NEWS FOR IMMEDIATE RELEASE

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GLOBAL GRAPHICS UNVEILS INKJET FUNDAMENTALS AT DRUPA

- *New service for inkjet label and packaging presses accelerates time to market*
- *Overcomes technical challenges such as chaining and clustering, obtaining crisp bar codes and inkjet head calibration*
- *Sees the start of closer collaboration with HYBRID Software*

Cambridge, UK, 19 May, 2016: A new software and engineering services package for inkjet press manufacturers that will help them get to market quicker by overcoming the technical hurdles involved in developing a new press, will be unveiled at drupa by Global Graphics Software.

Called Fundamentals the service provides manufacturers with a single source for the key software components and engineering knowhow that are essential to building a digital front end. The goal is to help manufacturers to reduce their time to market and their engineering costs.

“Fundamentals is the result of our interaction with inkjet press manufacturers who are pushing the boundaries of inkjet technology as they bring new models of presses to market.” says Martin Bailey, CTO, Global Graphics Software. “Every press, every application and every operating environment is different. Manufacturers often can’t solve the problems they face in the development phase of a new press on their own. That’s where we can step in and help them out with our combination of best of breed software and our new Breakthrough engineering service.”

Eric Worrall, who heads up Global Graphics’ Breakthrough team says ““We work hand in hand with the manufacturer to create a solution that is truly customized to their press and its operating environment and that meets their quality and speed requirements. In doing so we give them access to our tools and processes so that they benefit from knowledge transfer by building expertise within their own engineering teams.”

“We are already working on solutions for cross head calibration, clustering and chaining on output, ink estimation, even controlling the best test environment”, he continues. “Fundamentals fulfils the need for a flexible, modular approach because we focus on the combinations of software and engineering

service that best solve the problem in hand but we might end up in a very different place. For instance we've just helped one manufacturer to achieve the bar code quality they need and together with their engineers we spotted that their ability to process variable data wasn't fast enough."

Fundamentals includes best of breed software from other vendors and marks the start of closer collaboration between Global Graphics Software and HYBRID Software both of which share the same chairman in Guido Van der Schueren.

Fundamentals creates a much broader software offering alongside a RIP – it works with or without the Harlequin RIP® – and is Global Graphics' response to the many press vendors who are looking for the optimal choice of software components to drive their inkjet presses. A key ingredient is the BreakThrough engineering service provided by Global Graphics colour scientists, screening experts and RIP technologists. They provide the integration services that link Fundamentals together.

In the product line up is Global Graphics' multi-level screening for inkjet that significantly improves inkjet output quality, especially at high speed and even on challenging media, because it varies the amount of ink in any one location (see separate press release, *Global Graphics raises the bar in inkjet quality with drupa launch*). This is available as a standalone screening engine that does require the Harlequin RIP.

The full line-up is:

- **Label Layout Station:** for estimating and planning single or multi-gang orders on roll to roll at the start of the print workflow
- **CLOUDFLOW Fundamentals:** an OEM version of HYBRID Software's popular file management system that can be easily branded and customized to each press and is configured specifically for inkjet label and packaging workflows. From within CLOUDFLOW Fundamentals the file is RIPped and screening and color management can be applied.
- **Harlequin RIP®:** reputed for the quality of its output as well as its speed, the native PDF Harlequin RIP feeds pages to the press at high-speed without comprising on quality. It handles variable data and short runs with ease and is integrated with CLOUDFLOW Fundamentals
- **ScreenPro:** a standalone multi-level screening engine that addresses in software many of the quality defects such as chaining and mottling, that can't be corrected mechanically. Using the BreakThrough service Global Graphics' technicians measure test prints and process the results through Global Graphics' new Digital Print Quality Optimizer tool. This calculates optimized patterning and overlaps for the various ink drop sizes available.
- **Harlequin ColorPro™** provides consistent and predicible color for a wide range of workflows including Esko. Brand look up tables in a variety of color spaces meet the need for color fidelity and colors can be matched with conventional output for consistency across a brand presence. Support for industry standard ICC profiles, including device link and N-channel profiles.
- **ProofScope:** a soft proofer to verify before print separations, cut marks, bar codes, colors, dimensions and density

- **Mellow Colour:** digital print quality management software whose certification is demanded by the leading brands, including Conde Nast and Marks & Spencer. Gives press vendors the power to understand how their press is performing and the ability to undertake remote diagnosis. Invaluable when running beta programmes.

For more information visit <http://www.globalgraphics.com/products/fundamentals> or contact info@globalgraphics.com.

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Notes to Editors

Download the Global Graphics white paper “Halftone screen Optimization for Single-Pass Inkjets,” at www.globalgraphics.com/screening-optimizer-white-paper

About Global Graphics

Global Graphics is one of the world’s foremost experts in printing, PDF and digital document software. Ours is the software behind the perfect printed and digital communication. Through our various technologies for [rendering](#), [screening](#), and [color management](#), we add value to solutions marketed by the [world’s leading brands](#), including HP, Canon, Delphax, Wasatch and Onyx. We are a public company listed on Euronext (GLOG). Additional information is available at <http://www.globalgraphics.com>

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