

HYBRID SOFTWARE GROUP

HYBRID SOFTWARE GROUP'S GLOBAL GRAPHICS SOFTWARE GRANTED US PATENT FOR PRINTFLAT TECHNOLOGY

Groundbreaking software mitigates artifacts in the inkjet printing process

Cambridge UK 10 February, 2022: Global Graphics Software, a Hybrid Software Group (Euronext: HYSG) company, has been granted a US patent for “Systems and methods for printer density compensation and stability” (Patent 11,167,549) by the United States Patent and Trademark Office. The patent relates to the technology which underlies PrintFlat™, Global Graphics’ groundbreaking software that improves uniformity and removes unwanted banding from inkjet output, enabling digital production of a wide range of products including wide format graphics, flooring and décor, laminates, and packaging.

Global Graphics Software is a developer of innovative software components for digital print including the Harlequin RIP®, the Direct range, and ScreenPro™, the fastest solutions on the market for driving data through digital presses and ensuring high quality output.

Mike Rottenborn, CEO of Hybrid Software Group, explains, “We are delighted that this invention has been recognized with a US patent. It is a truly innovative solution which enables inkjet press manufacturers to obtain uniformity **and** stability without sacrificing one over the other, giving them greater freedom in how they design and optimize their printing systems. Its value has been proven in production by our customers for nearly five years, and we believe that this patent will encourage other inkjet manufacturers to implement PrintFlat in their solutions.”

PrintFlat software masks the banding or unwanted patterning in inkjet printing that is caused by variations in inkjet printheads that jet ink onto a printing surface. It also compensates for manufacturing differences between new printheads. PrintFlat is quick to deploy, cost-effective and can be added to any inkjet press already out in the field. Problems can be particularly acute in large format printing as well as décor applications such as wallpaper and flooring and certain colours are more susceptible to visual imperfection than others. The advantage to print service providers is that they can print more jobs digitally than previously and offer a wider range of printed products to their customers.

PrintFlat has been welcomed by the industrial inkjet and graphic community. In 2019 it received a Printing Industries of America Technology Award for its innovation and potential to significantly impact the industry.

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Notes to editors

About Hybrid Software Group

Through its operating subsidiaries, [Hybrid Software Group PLC](#) (Euronext: [HYSG](#)) is a leading developer of enterprise software for industrial print manufacturing. Customers include press manufacturers such as HP, Canon, Durst, Roland, Hymmen, and hundreds of packaging printers, trade shops, and converters worldwide.

Hybrid Software Group PLC is headquartered in Cambridge UK. Its subsidiary companies are colour technology developer [ColorLogic](#), printing software developers [Global Graphics Software](#); enterprise software developer [HYBRID Software](#); the industrial printhead driver solutions specialists, [Meteor Inkjet](#); and pre-press workflow developer [Xitron](#).

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