

NEWS FOR IMMEDIATE RELEASE

Hybrid Software Helix launches world's first GPU-native Industrial Inkjet RIP

SmartRIP™ unveiled at the Industrial Print Integration Conference 2025

(Cambridge, UK, 12th November 2025) Hybrid Software Helix (formerly Global Graphics Software) has launched SmartRIP™, an innovative industrial inkjet RIP (raster image processor) for OEMs and integrators. SmartRIP is the world's first GPU-native RIP, delivering exceptional performance and scalability for a wide range of industrial printing applications. It offers a streamlined feature set and optimized pricing designed specifically for the broader industrial print market rather than high-end digital presses for label and packaging applications.

SmartRIP is purpose built for system integrators who need to embed advanced print capabilities into industrial solutions quickly and securely. It features an industrial OPC UA standard interface, ensuring secure and interoperable communication across modern production environments. Its GPU-native architecture is lightning fast and frees up the CPU to perform other tasks in parallel. SmartRIP is therefore flexible and highly scalable, maximizing controller hardware performance, while its streamlined integration process enables users to get up and running in hours, not months.

In addition, SmartRIP offers advanced print quality technologies, including color management from ColorLogic. These technologies are in a user-friendly, automated system, enabling any operator, regardless of their level of expertise, to achieve excellent print quality with ease and confidence.

Managing Director Justin Bailey said: "With SmartRIP, we've taken the award-winning, proven technology from SmartDFE™, which powers high-end digital presses, and streamlined it for a wider range of industrial applications. OEMs and integrators can now deliver exceptional print quality faster, with less complexity and at a lower cost. Additionally with its embedded OPC UA, SmartRIP is secure by design, making it ready for the rigor likely to be required to comply with the Cyber Resilience Act that comes into play in Europe in 2027."

SmartRIP will be on show for the first time at the Industrial Print Integration Conference in Düsseldorf-Neuss, Germany (12 – 13 November 2025). Also attending are Hybrid

Software's Meteor Inkjet business, showcasing its electronics, software and tools for industrial inkjet systems, and Hybrid's Color business unit which will introduce the ColorLogic Core SDK, an ICC-compliant software development kit designed for printer OEMs.

For more information about the SmartRIP from Hybrid Software Helix, visit:
hybridhelix/smartrip

ENDS

Image:



Caption: New from Hybrid Software Helix (formerly Global Graphics Software): SmartRIP™, the world's first GPU-native RIP (raster image processor) designed for print OEMs and system integrators who need to embed advanced print capabilities into industrial solutions quickly and securely.

About Hybrid Software Helix

Hybrid Software Helix, formerly known as Global Graphics Software, is a leading developer of smart software components for print OEMs and ISVs. Technologies include SmartDFE™, Harlequin Core™, ScreenPro Core™, and Mako Core™. Customers include HP, Canon, Durst, Roland, Kodak and Agfa. The roots of the company go back to 1986 and to the iconic university town of Cambridge, and today the majority of the R&D team is still based near here. Hybrid Software Helix owns 100% of its Intellectual Property and is independent of any printer manufacturer. Hybrid Software Helix is the OEM Software business unit of Hybrid Software Group PLC (Euronext: HYSG).
hybridhelix.com

Media Contact

Paula Halpin
PR & Marketing Manager
Email: paula.halpin@hybridsoftware.com
Tel: +44 (0)1223 926017