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Memjet Selects Xitron as Exclusive Digital Front End Developer for New Print Engine Systems

Delivering unprecedented level of integration for Memjet OEMs

Printing United, Las Vegas Convention Center/Ann Arbor, MI, USA October 18, 2022 – Xitron, a subsidiary of Hybrid Software Group and the developer of Harlequin-based Navigator RIP and workflow products for commercial, flexo, screen, digital, and high-speed inkjet printing has been selected as Memjet’s sole developer for the Digital Front End (DFE) of two soon-to-be announced digital print engines.

According to Memjet, the first print engine assemblies will support full color, high-quality output at speeds approaching 500 feet per minute. In monochrome mode, the print engine will reach speeds close to 1,000 feet per minute. Xitron’s scalable DFE technology supports these speeds and beyond, with or without variable data.

“Aside from the performance needed to drive these print engines at speed, which is impressive, what really stands out about the DFE is the level of integration,” said Eric Nelsen, Xitron’s VP of Product Development. “Navigator doesn’t just provide print data; it fully controls all press functionality.” Everything from feeders, vacuums, dryers, dehumidifiers, and web tensions are addressed in the DFE dashboard and maintained through configurable MODBUS control.

“This new approach delivers flexibility to machine builders and simplicity for the end users of these systems,” said Scott Desoto, Memjet’s VP of Sales. “In today’s world where labor is tight, this highly integrated approach is critical to asset utilization and company profits,” he added.

“By incorporating MODBUS connectivity, we’ve eliminated the external synchronization issues presented by separate hardware and software subsystems, which can be a major hurdle in getting a press to market,” said Karen Crews, President of Xitron. “This means Memjet’s OEMs will get to the commercialization stage much faster, and with an intuitive, single-interface product.”

The first shipments of Memjet's newly integrated print engine technologies are happening now, through the end of the year, and Memjet expects to accelerate deployments to their customers starting in Q1 of 2023.

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About Xitron

Xitron develops advanced workflow systems and interfaces to drive the prepress industry's most popular new, and legacy output devices, prolonging our customers' investments. In addition, Xitron's Navigator Digital Front End is recognized as best in class by several digital press manufacturers around the world. Xitron's Navigator RIP, Raster Blaster TIFF Catcher, and Sierra Workflow solutions are recognized as prepress standards. Built around the Harlequin RIP core technology from Global Graphics and the Adobe PDF Print Engine from Adobe Systems, Xitron engineers continue to develop solutions for the graphic arts market, driving hundreds of different models of imagesetters, proofers, platesetters, inkjet printers, and digital presses. With shipments of more than 40,000 RIPs, Xitron is the largest independent Harlequin RIP developer in the market and is a subsidiary of Hybrid Software Group.

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