



PRESS RELEASE

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Printed Circuits Installs New Notion n.jet Direct Soldermask and Legend Printer

Rigid flex circuit board manufacturer, Printed Circuits has purchased and will install a new Notion Systems n.jet direct soldermask and legend ink printer.

Printing soldermask and legend ink directly onto rigid flex printed circuit boards eliminates process steps, accelerates productivity, improves accuracy and soldermask dam integrity. Direct printing is the next generation technology for manufacturing advanced printed circuit boards. The machine also offers four point alignment to accurately align the mask to dimensional changes, such as offset, or rotation or even for trapezoidal distortion – critical capabilities for rigid flex designs. The machine is also capable of printing nomenclature with sequential serialization as well as bar code and QR code marking capabilities.



“We are very excited to bring this new technology in house” said Matt Tannehill, Printed Circuit’s Executive Vice President. “Direct printing of soldermask is a terrific improvement for us, it eliminates five process steps compared to the way we have been printing mask, it is 100% additive with no waste or mess, and each pass takes 38 seconds. One panel, with soldermask and nomenclature on both sides, can be done in less than three minutes. This will give our customers a much better product, at a higher quality, while increasing our productivity in a much smaller footprint” Matt explained.

“We are delighted to partner with Printed Circuits in the introduction of direct additive printing to add to their capabilities” said Peter Walshe, PCB Executive Director at Notion Systems GmbH. “The n.jet solder mask comes from a high accuracy and repeatability engineering background and offers numerous radical advances for PCB printing, including a unique vacuum hold down table to ensure the resist is only ever printed where it is required. Printed Circuits also had a wide range of optional extras in choosing their machine.”

If you’d like to see the n.jet in action, click through to see the video [here!](#)

For more information on Printed Circuits services, please call or e-mail Bob Burns at (952) 886-9307 or bburns@PrintedCircuits.com and visit them on the web at www.PrintedCircuits.com.

About Printed Circuits

Printed Circuits is a US manufacturer of multilayer flex and rigid flex printed circuit boards with over 40 years of experience building circuits typically used in high reliability applications such as medical, military and commercial electronics where customers place a premium on reliability, package density, and weight. For more information, visit us at www.printedcircuits.com.



About Notion systems GmbH

Notion System is the future of mass production additive manufacturing. The n.jet inkjet platform from Notion Systems is used by customers to produce printed circuit boards, OLED & QLED displays, sensors and high quality 3D parts. Notion Systems relies on decades of experience of their staff in bringing precise inkjet systems to customers and scaling up digital printing processes for functional material.

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