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NEWS RELEASE

NovaCentrix Receives 2008 Technical Manufacturing Award from IDTechEx for Breakthrough PulseForge™ Tools

San Jose, CA Dec 4, 2008 – IDTechEx has awarded NovaCentrix the 2008 Technical Manufacturing Award for its PulseForge™ material processing tools. This award recognizes the most significant development of a manufacturing device, process, or production plant in the printed electronics industry during the past two years. IDTechEx presented the award to NovaCentrix in San Jose, California at the world's largest printed electronics event, Printed Electronics USA 2008.

"The NovaCentrix PulseForge tools are a breakthrough for printed electronics manufacture" said Raghu Das, CEO of IDTechEx. "Materials previously limited to expensive high temperature substrates can now be deposited onto cheap low temperature substrates, and cured almost instantaneously. This technology will have a direct impact on reducing the cost of manufacture of printed electronics and it will also help speed up the realization of all that printed electronics has to offer. It is so novel that many do not believe it works until they see it."

"NovaCentrix is honored to have received this award," said Charles Munson, Chief Executive Officer for NovaCentrix. "IDTechEx has recognized the value proposition we offer the solar and printed electronics industries—improved product innovation and performance at reduced product cost by sintering functional inks in only milliseconds on low temperature substrates. This is achieved using our PulseForge™ product line, including the PulseForge 1100 process development tool and PulseForge 3100 and 3300 high-speed manufacturing tools. By offering this technology in the 3000 series products, we are meeting the demands of clients who have production needs at roll-to-roll rates up to and beyond one thousand feet per minute. This award recognizes our commitment to maximize our customers' product innovation and performance."

The PulseForge production tools process metallic and non-metallic inks and thin films and can be fully integrated with new or existing roll-to-roll and conveyor production lines at high speeds. The systems are able to meet or exceed oven performance in a fraction of the time and enable the use of challenging low temperature substrates like PET and paper. Unlike laser-based tools that have very restrictive processing zones or must be rastered to treat a large area, the PulseForge tools are of a broadcast type able to simultaneously process wide areas scalable in 6 inch widths, and capable of processing a wide variety of material/substrate combinations. The PulseForge 3100 can process metal inks at speeds greater than 300 feet per minute. Next in the PulseForge product line, the PulseForge 3300 production tool will process metal and semiconductor inks and films at line speeds greater than 1000 feet per minute. Like the 3100, the 3300 will be suited for processing inks and films deposited by methods such as inkjet, flexo, gravure, aerosol, vapor deposition, and screen-print. The PulseForge 3300 is expected to be available in December 2008 for beta customers.

About NovaCentrix. NovaCentrix, based in Austin, Texas, is a leader in emerging printed electronics manufacturing technologies. Their PulseForge process development and manufacturing tools sinter functional inks in milliseconds, including on low temperature, flexible substrates such as paper and plastics. PulseForge tools can process a wide array of metal-based conductive inks, as well as non-metallic and semiconductor inks. NovaCentrix also offers Metalon™ metallic inks, specially suited for maximum performance with PulseForge tools. For more information, visit **www.novacentrix.com**.

About IDTechEx. IDTechEx is a knowledge based company specialising in printed electronics, RFID and smart packaging. The company gives strictly independent marketing, technical and business advice and services on these subjects. It is in three forms - consultancy, publications and conferences. Staff are mainly honours graduates specialising in the subject. They travel intensively, visiting many conferences, universities and companies to learn and interpret the latest information. Indeed, IDTechEx is unusually international in its reach, with directors in the US and UK and technical associates in Japan, Germany, New Zealand and elsewhere. IDTechEx technical staff and associates speak Mandarin, Canton, German and many other languages. For more information, visit **www.idtechex.com**.