



P R E S S R E L E A S E

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Media Contact: Suzanne Zaccone
szaccone@gsitech.com

Technical Contact: Rick Mental
rmental@gsitech.com

Phone: 630-325-8181

Electrochromic Display Technology Announcement

BURR RIDGE, IL — GSI Technologies, LLC, a global ISO 9001:2000-certified printing technology company specializing in printed electronics; sensors, electrodes, electroluminescent lamps and displays, announces a manufacturing license agreement with NTERA, Inc. for flexible printed display technologies. Originally developed by NTERA for printing on glass, the NanoChromics™ technology has now been produced by GSI on flexible substrates. GSI has validated the printing process on both sheet and web-based production platforms.

Electrochromic technology is uniquely positioned to offer useful display functions for multiple emerging plastic card applications including gift, loyalty, transit and financial cards. GSI has developed a web-based production process that is completely printed, in comparison to other display technologies that require either additional manufacturing steps (e.g., lamination or encapsulation) or added components (e.g., voltage boost circuitry) which increase production costs.

“GSI’s Lab to Fab™ process, which assists companies in transitioning their print technology from concept to fabrication, was instrumental in NTERA’s development of its NanoChromics™ technology for flexible substrates,” according to Jack Kraemer, President/COO of GSI Technologies. “Printed display technology is expected to drive multi-million unit demand over

the next several years, and is a strategic focus for our company for smart card, greeting, game and novelty card applications.”

“NTERA’s NanoChromics technology is the only solution that offers a completely printed display, on a single substrate, compatible with low cost power sources, in the world’s thinnest form factor,” remarked Dr. David M. Corr, Chief Executive Officer of NTERA.

About GSI Technologies

GSI Technologies is a manufacturer of functional printing and industrial graphic products. For more information visit the GSI Technologies website at www.gsitech.com, call 630-325-8181 or write to 311 Shore Drive Burr Ridge, IL 60527.

About NTERA

NTERA Inc. is the leading developer of advanced, fully printable electrochromic materials enabling display and color change applications for Smart Cards, Smart Packaging and Smart Objects. NTERA’s NanoChromics™ Ink Systems enable very low cost manufacturing of printed electronic displays on a variety of flexible substrate materials using industry standard printing techniques and equipment. These ultra-thin, sunlight-readable, low power NCD™ displays can be integrated into any number of products, including plastic cards, packaging, smart labels, RFID systems, greeting cards, toys and games, and consumer electronic devices. NTERA Inc. is based in suburban Philadelphia, PA USA, with research and development facilities in Dublin, Ireland.

NTERA, NanoChromics and NCD are trademarks of NTERA.

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