

PRESS RELEASE

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Luminescent Technologies and TOOL Corporation Announce the Shipment of Inverse Explorer™ and Inverse Synthesizer™ with TOOL's Technology

Palo Alto, Calif., and Tokyo, Japan, August 5, 2009 – Luminescent Technologies, Inc., the leading provider of computational lithography and inspection (CLI) solutions for the global semiconductor industry, and TOOL Corporation, a leading provider of EDA tools today announced the shipment of Luminescent's Inverse Explorer™ and Inverse Synthesizer™ platforms integrated with TOOL's layout visualization technology. The initial shipments were to major foundry and DRAM customers in Taiwan and Korea. The integrated capability, called LVIEW™ provides users with accurate and fast visualization of leading edge computational solutions for lithography development and production use.

Luminescent's computational lithography products enable precise on-wafer pattern fidelity for 32-nm and below integrated circuit (IC) manufacturing. Mask pattern complexity and fidelity in high data volume used to be the hefty issue. But after integrating TOOL's proven technology on large volume mask pattern and lithography simulation data handling and display, LVIEW has resolved the issue.

"TOOL has met our requirements with a visualization solution that has been accepted and proven in the market and is world class," said Dr. Leo Pang, Sr. VP of Computational Lithography and Inspection Technologies at Luminescent.

"We are very pleased to be collaborating with Luminescent and with our contribution to Luminescent's CLI solutions for leading global customers," said Hideaki Hontao, president of TOOL. "By successfully integrating our technology into Luminescent's platforms, we demonstrated our products are powerful, flexible and valuable to partners as well as our direct customers."

About Computational Lithography and Inspection (CLI)

Computational lithography (or computational scaling) is based on using mathematical models to improve the resolution of light across a critical layer of an integrated circuit (IC). It has become the most viable and economic approach for extending optical lithography for multiple generations. Computational inspection is a necessary complement to computational lithography for filtering photomask defects by using mathematical models to simulate pattern errors on final Silicon. The successful commercialization of CLI by early leader, Luminescent, means that for the first time in the history of the semiconductor industry, Moore's law is being enabled by software innovation rather than advances in hardware-centric lithography technologies.

Inverse Explorer and Inverse Synthesizer are integrated software and hardware platforms. Their software algorithms couple Luminescent's powerful Inverse Lithography Technology (ILT) with fast optical and resist models and sophisticated geometric transformation routines. Their hardware platforms are built with generic state-of-the-art HPC servers, allowing integration with other pieces of the design-to-silicon flow using standard data input/output formats.

About Luminescent Technologies, Inc.

Luminescent provides computational lithography and inspection solutions to the semiconductor industry. Luminescent is a privately-held, venture-backed company based in Palo Alto, California. To learn more about Luminescent, please visit the company on the Internet at www.luminescent.com.

About TOOL Corporation

TOOL is a software development company, headquartered in Japan, focused on EDA tool development. Its particular strength is in the area of layout design, and has scored a number of achievements in this area with its development tool, LAVIS and MaskStudio. Solutions to chipmakers' problems can be provided by combining TOOL's package-software with its custom-tailored software developed to serve a customer's particular need. TOOL provides ample experience in this particular area. For more information on TOOL and products, please refer to <http://www.tool-corp.com/> .