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Mitrionics and GiDEL Announce Joint Reseller Partnership for FPGA-Based Accelerated Computing Development Tools & PCI Cards

Successful Technology Integration and Collaboration Led to Business Partnership

SUPERCOMPUTING 2009, November 16, 2009 – [Mitrionics, Inc.](#), the technology leader in [FPGA-based hybrid computing](#), today announced it has signed a joint reseller agreement with [GiDEL Ltd.](#), a leading supplier of FPGA-based accelerated computing systems and cards, whereby both companies will resell each other's FPGA-based accelerated computing hardware and software. The companies began working together collaboratively to integrate their technologies in early 2009 on a research project with the University of Florida. The successful integration of their products led to this mutually beneficial business partnership. Products from both companies are available immediately.

Under the agreement, GiDEL will resell the Mitrion Accelerated Computing Platform consisting of the Mitrion Software Development Kit and Mitrion Virtual Processor. The first two GiDEL cards supported and sold by Mitrionics are the [PROCStar III](#)[™] PCIe x8 Computational Accelerator Card and [PROCe III](#)[™] PCIe x4 Computational Accelerator Card. Mitrionics will support and sell additional GiDEL cards in the future. The products are available immediately from both companies.

“GiDEL is excited to partner with Mitrionics in this new business relationship, and we look forward to further collaborations with them regarding our respective technologies,” commented Reuven Weintraub, GiDEL President and CTO. “The GiDEL and Mitrionics accelerated computing solution will combine two proven industry most powerful products enables developers and researchers to increase application performance and reduce electrical power and costs.”

“Mitrionics and GiDEL have already established a successful technology collaboration between our companies and products through our work on the NSF research project for the Novo-G 96-FPGA supercomputer at the University of Florida,” said Robert Wall, director of business development for Mitrionics, Inc. “We are now looking forward to a strong and mutually beneficial business relationship that will bring value and increase market adoption of accelerated computing platforms and solutions.”



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The Mitrion Accelerated Computing Platform is designed to provide researchers and developers with the latest parallel programming tools for FPGAs that do not require any hardware design knowledge or experience. The Mitrion Platform enables rapid development of new accelerated applications in bioinformatics, computer-aided design, data mining, financial services, government/defense, and oil and gas industries. Systems running applications accelerated using the Mitrion Platform generally perform 20x to 100x faster than traditional systems while decreasing electrical power requirements by ninety percent.

Mitrion SDK 2.0 - Accelerated Computing Platform

The Mitrion SDK is a complete development environment for accelerating applications while making it easy for programmers to learn how to write software using parallel programming techniques that take advantage of the parallel processing capabilities of the Mitrion Virtual Processor. The SDK includes the Mitrion-C parallel programming language, a compiler, and graphical code-simulator to identify programming errors, performance bottlenecks, and inefficient code. Mitrionics offers a free SDK Personal Edition that supports Linux/UNIX, Windows and Mac OS X which can be downloaded from: <http://www.mitrionics.com/?page=Downloads>

About GiDEL.

GiDEL Ltd. is a successful, profitable and innovative company which was founded in 1993. GiDEL has become one of the technology leaders as a company that continuously provides cutting-edge reconfigurable technology utilizing FPGAs. GiDEL sees its customers as partners and uses its vast experience at the project-level and FPGA design to focus on its customers' projects' success. Customers in HPC (High Performance Computing) Research, machine vision, medical imaging, and military/aerospace markets purchase the PROC family of reconfigurable PROCessors as COTS (Commercial Off-The-Shelf) accelerator and acquisition board. Semiconductor customers are using the PROC SoC systems to prototype their SoC and ASICs. For more information, contact GiDEL in North America at 408-969-0389, or worldwide at +972 4 610 2505, or on the web at www.gidel.com.

About Mitrionics

Founded in 2001 and privately held, Mitrionics is the technology leader in FPGA-based application acceleration and hybrid computing. The Mitrion Platform, which includes the Mitrion-C Compiler and Mitrion Virtual Processor, utilizes parallel programming and parallel processing to enable greater processing performance and a greener computing alternative. The Mitrion Platform is unique because it eliminates the need for circuit design skills, thus making FPGA-acceleration accessible to scientists and developers all over the world. Mitrionics has



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key industry relationships with chip companies Intel, AMD, Xilinx and Altera, systems vendors HP, SGI, and Cray, and module suppliers GiDEL, Nallatech, and XtremeData.. For more information, visit the company Web site at www.mitrionics.com, email info@mitrionics.com or call 408-395-3247.

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