



FOR RELEASE: March 15, 2006

Company Contact

Anders Dellson
Mitrionics, Inc.
Ph: 310-558-9495
Email: anders.dellson@mitrion.com

Media Contact

Joe Waldygo
TopSpin Communications, Inc.
Ph: 480-632-5050
Email: joe@topspinpr.com

**Mitrion First FPGA Supercomputing Platform to Support New SGI RASC
RC100 Computation Blade w/Dual Xilinx Virtex-4 FPGAs**

*Mitrionics' Software-Centric Development Environment a Key Requirement for
Scientists & Researchers in Bioinformatics, Oil & Gas, and Financial Industries*

Los Angeles, March 15, 2006 – Mitrionics™, Inc., the technology leader in programming FPGAs (Field Programmable Gate Arrays) for supercomputing software acceleration, today announced that its Mitrion Platform, consisting of the Mitrion Virtual Processor and Mitrion Software Development Kit, has been successfully tested and now supports the new SGI® RASC™ RC100 computation blade, built with dual Xilinx Virtex-4 FPGAs. The new RC100 from Silicon Graphics (OTC: SGID) packs the power of dozens of supercomputer nodes into a single blade and the Mitrion Platform allows supercomputing applications to be written and run on FPGAs with performance of 10x to 100x greater than traditional processors. The RASC RC100 system and software-centric Mitrion Platform are ideal for software developers, scientists and researchers within areas such as bioinformatics, oil and gas, imaging and financial industries, because it allows them to accelerate their supercomputing applications onto FPGAs without using any hardware design skills.

Scientists and researchers strive to improve productivity by achieving faster performance in their supercomputing applications and lower power consumption in their systems. The Mitrion Platform, in conjunction with the SGI RASC RC100 and Xilinx Virtex-4 FPGAs, allows these requirements to be met. The Mitrion Platform also provides “pushbutton portability” between different computer systems, FPGAs and system vendors which allows supercomputing applications written for one system or FPGA to be easily transferred to new, or upgraded, systems. This system independent portability saves time and resources over rewriting and retesting applications.

“Mitrionics is excited to be working closely with SGI to bring the tremendous benefits of FPGA Supercomputing performance and low power requirements to scientists, researchers, and developers in the real world,” stated Anders Dellson, CEO of Mitrionics, Inc. “Together, our companies are making strong progress in this emerging market segment as customers move from testing phases to broader system deployments running commercial applications.”



“Collaborative development with Mittrionics has enabled SGI to provide an FPGA solution that eases the implementation of FPGA technology for the HPC community, making dramatic application performance enhancements available to more users than ever before,” said Bill Mannel, Director of Systems Marketing, SGI.

About the SGI RASC RC100

Based on SGI’s groundbreaking RASC (Reconfigurable Application-Specific Computing) technology, the new RC100 blade is designed for customers whose applications spend most of their time working on a set of specific routines or algorithms. By accelerating those routines, RASC technology can dramatically improve the performance of the overall application.

Designed for use with award-winning SGI® Altix® servers, SGI RASC RC100 blade can be programmed at the customer’s site to accelerate mission-critical, high-performance computing (HPC) applications in oil and gas exploration, defense and intelligence, bioinformatics, medical imaging, and broadcast media.

The Mittrion Platform – Rapid Development for FPGA-Based Supercomputing Applications

The Mittrion Virtual Processor and Mittrion Software Development Kit provide a unique solution that makes it possible to develop supercomputing applications for FPGAs on a true software level. This dramatically reduces the total cost for FPGA-based software acceleration, and more importantly, enables the whole supercomputing industry to benefit from FPGAs.

Since becoming available in October 2005, the Mittrion Platform has been chosen by most of the FPGA Supercomputing industry leaders worldwide. Mittrionics’ unique and revolutionary technology removes the barriers of high cost, extreme complexity, and long development times to make FPGA Supercomputing performance accessible to entirely new markets and segments of scientists and developers. Using the Mittrion-C Programming Language, a mere 180 lines of code can generate 150,000 lines of VHDL (Very high speed integrated circuits – Hardware Description Language).

SILICON GRAPHICS | The Source of Innovation and Discovery™

SGI, also known as Silicon Graphics, Inc. (OTC: SGID), is a leader in high-performance computing. SGI helps customers solve their computing challenges, whether it's sharing images to aid in brain surgery, finding oil more efficiently, studying global climate, providing technologies for homeland security and defense, enabling the



transition from analog to digital broadcasting, or helping enterprises manage large data. With offices worldwide, the company is headquartered in Mountain View, Calif., and can be found on the Web at www.sgi.com.

About Mitrionics

Mitrionics, Inc. is a wholly-owned U.S. subsidiary of Mitrionics AB based in Lund, Sweden. The company was founded in 2000 and has key industry relationships with Cray, Nallatech, and Silicon Graphics. The Mitrion Platform includes the Mitrion Virtual Processor and Mitrion Software Development Kit which enable FPGAs (Field Programmable Gate Arrays) to be programmed easier and faster than ever before possible, thereby providing customers with revolutionary computer power for their most critical applications. The Mitrionics technology makes supercomputing performance acceleration accessible to an entire new market of scientists and developers previously unable to benefit from it because of high prices, complex design skills needed, and extremely long development times. For more information, visit the company Web site at www.mitrionics.com, or call 310-558-9495, or email: info@mitrionics.com.

###

Mitrionics, Mitrion, Mitrion Platform, Mitrion Virtual Processor, and Mitrion Software Development Kit are trademarks of Mitrionics, Inc. Silicon Graphics, SGI and Altix are registered trademarks, and RASC and The Source of Innovation and Discovery are trademarks of Silicon Graphics, Inc., in the United States and/or other countries worldwide. Other trademarks or registered trademarks are the marks of their respective owners.