

## **Colfax International Accelerates Neuroscience Engineering at Evolved Machines with a New 40TFlop System**

*Colfax's Advanced Design of GPU-Focused, 10,136-Core Parallel Computing Facility to Further the Artificial Evolution of Neural Circuitry*

**SUNNYVALE, Calif. – April 30, 2009** – Colfax International today announced that the company has configured and installed a fully-customized, GPU-based high-performance system for Evolved Machines that will accelerate the development of artificial neural circuits for a new generation of devices in artificial olfaction and vision. The system incorporates 42 NVIDIA® Tesla™ GPU Computing processors, controlled by 14 Quad-Core AMD Phenom® conventional microprocessors, and has a nominal computation capacity of over 40 TFlops.

“Simulating the mechanisms embedded in biological neural circuitry requires an enormous amount of parallel compute power, and we required a very high-performance system,” said Paul A. Rhodes, Ph.D., CEO of Evolved Machines “Thanks to the highly professional design, installation and support services delivered by Colfax, we were able to seamlessly migrate to the new system.”

“At Colfax we specialize in designing commodity-based, high-performance systems that are customized for our customer’s requirement,” said Gautam Shah, President and CEO of Colfax International. “Evolved Machines came to Colfax with a high-level of system productivity requirements, and working together with NVIDIA, we were able to quickly develop a system that exceeded Evolved Machines expectations.”

### **About Colfax International**

Colfax International is a global provider of customized workstations, servers, clusters and storage solutions. Founded in 1987, Colfax International is based in Sunnyvale, California and is privately held. For more information, please visit [www.colfax-intl.com](http://www.colfax-intl.com).

### **About Evolved Machines, Inc.**

Evolved Machines, Inc. develops technology for sensory systems based on highly neural sensory signal processing, reverse-engineering circuitry in the brain to enable a new class of self-wiring devices that perform in the complexities of real-world environments, for both artificial olfaction and visual object recognition. Additional information on Evolved Machines can be found at [www.evolvedmachines.com](http://www.evolvedmachines.com).

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