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Tarari and AMD Teaming on AMD Opteron™ Processor-Based Systems

Specialized Silicon to Enhance Network Security, XML, and Digital Media Solutions for AMD Opteron processor-based Systems

San Diego, Calif. – June 1, 2006 – Tarari Inc., the award-winning acceleration company, today announced its commitment to support AMD Opteron™ processors. Tarari's next generation of multi-core Content Processing ASICs will natively support AMD Opteron processors and the HyperTransport™ (HT) interface. This allows Tarari's silicon to be optimally interconnected in low latency, high bandwidth configurations with AMD Opteron™ processors. Tarari's "Content Processor" products are ASICs, production boards, and embedded software components that are designed to snap in to networking, appliance, blades, and server systems.

"Our mutual customers are seeing the need for comprehensive Layer 7 Network Security and XML processing with AMD's Direct Connect Architecture," said Randy Allen, corporate vice president, Server/Workstation Business, AMD, "Our combined ability with Tarari to accelerate intensive content processing can enable our OEM customers to significantly enhance the functionality of their systems, and allows them to create outstanding Network Security and XML appliances, blades and switches."

"Tarari's newly announced support for AMD Opteron processors and the HyperTransport interconnect standard means that our Content Processors will be guaranteed the widest possible interoperability with a whole range of AMD processors at the fastest speeds," said Randy Smerik, President/CEO and co-Founder of Tarari, Inc. "Tarari's breakthrough multi-core technology together with AMD processors allows our mutual customers to create high-performance systems that can touch, inspect, and control the content of packets and messages flowing across networks, and in and out of servers."

Developers can immediately start building their designs using Tarari's silicon since Tarari supports a standard API across all of its software and silicon products that is transparent as to the "processor to content processor" interconnect method used. Tarari's Network Security, XML/Web Services and Digital Media Development kits enable customers to immediately develop cost-effective, leading-edge systems with enhanced functionality, proven interoperability and improved time-to-market.

Together Tarari Content Processors and AMD Opteron processors provide a comprehensive content inspection solution with a common application programming interface (API) all the way from 10 Megabits per Second (Mbps) to 10 Gigabits per second (Gbps.) HyperTransport technology is an optimized interconnect architecture delivering lowest possible latency, highest bandwidth, design flexibility, performance scalability and broad extensibility to other popular interconnect architectures and will help Tarari Content Processors and AMD Processors with AMD64's Direct Connect Architecture transfer data at over 50Gbps.

The current Tarari T9000 Content Processor incorporates dual regular expression engines each capable of processing 1.6Gbps and can also manage up to 4 additional engines bringing the throughput to over 7Gbps.

Optimized acceleration cores available from Tarari include:

- * Grammar processing for XML and other protocols
- * Regular Expression (RegEx)
- * Compression for Zip/Gzip/PKZip
- * Decompression for Zip/Gzip/PKZip
- * UTF 8 to UTF 16 character conversion
- * RSA Modular Exponentiation
- * Encryption/decryption (DES/3DES)
- * SHA-1 Hashing for signature calculations
- * True random number generator
- * Digital streaming media

Requiring only a mere 3-5 Watts of power the Tarari T9000 Content Processor is also capable of performing content inspection across packet boundaries, which is a critical requirement in today's multi-gigabit networks. The unique silicon architecture for the Tarari Content Processor allows it to execute both POSIX-based

recognition and Perl-Compatible Regular Expression (PCRE) processing efficiently while optimizing solution cost and minimizing power consumption.

“Performance and power consumption have become key limiting factors in the evolution of many important network technologies,” said Bob Wheeler, senior analyst at The Linley Group. “By accelerating and offloading CPU-intensive algorithms to Tarari T9000 Content Processors, solution developers can obtain dramatic performance gains while achieving significant design cost reductions through reduced chip count, latency, power consumption, and complexity.”

Tarari's family of T9000 Content Processors also features the ability to concurrently support virus, intrusion, spam and compliance signatures – while sustaining multi-gigabit line rate. The Tarari development platform includes a high-speed, highly-efficient regular expression engine and the Tarari Regular Expression Analysis Tool (TREAT) that allows the optimization of the regular expressions being utilized.

Any application that needs “Deep Packet Inspection” to scan, parse or filter data can also benefit from the combination of the AMD Opteron processor and Tarari Content Processors, which together are ideally suited for applications such as content-based routing (CBR) and switching, application firewalls and security gateways, web acceleration, application networking, content filtering, anti-virus, regulatory compliance, database interfaces, and secure archiving.

Availability

The Tarari T9000 Content Processing ASIC is sampling now and a Tarari Development Kit with full compatibility and interoperability with the AMD Opteron processor is available immediately.

About Tarari, Inc.

Tarari, the award-winning acceleration company headquartered in San Diego, Calif., USA, designs and develops Content Processor silicon to allow original equipment manufacturers (OEMs) to accelerate and offload compute-intensive, complex algorithms used in XML/Web Services, Network Security and Digital Media environments. Tarari is a fabless semiconductor company whose product line primarily includes ASICs, but Tarari also offers boards and software acceleration components designed for network equipment, appliance and server vendors, as well as independent software vendors. Tarari is a privately held company with venture backing from Crosspoint Venture Partners, Morgan Stanley Venture Partners, Enterprise Partners Venture Capital, Miramar Venture Partners, XMLFund and Intel Capital. For more information, visit www.tarari.com, e-mail: info@tarari.com or call 858-385-5131.

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