



<b>Media Contacts:</b>	
Schwartz Communications, Inc. Joan Geoghegan or Michelle Reingold 415.512.0770 virtutech@schwartz-pr.com	Virtutech, Inc. Michel Genard 408.392.9144 mgenard@virtutech.com

## ENTERPRISE LICENSE AGREEMENT EXPANDS FREESCALE ACCESS TO VIRTUTECH SIMICS

*Simics designated 'preferred simulation partner' for Freescale's Networking Systems Division; VSD platform enables Freescale to redesign development methodologies and go-to-market strategies for multicore SOC.*

**SAN JOSE, Calif.—April 20, 2009—**[Virtutech@, Inc.](#), the leader in [virtualized systems development](#) (VSD), today announced that [Freescale Semiconductor](#) has signed an extended license for the [Simics® simulation platform](#). At the same time, Freescale's Networking Systems Division (NSD) has designated Virtutech as its "preferred simulation partner" for the QorIQ™ line of processors.

The agreement extends the Simics license usage across Freescale. The Simics licenses include the core Hindsight platform, TLM based Model Builder, Networking Interface, unique multithreading capabilities, Accelerator and the Simics Model Libraries, which contain thousands of TLM devices, hundreds of SOCs and cores, especially processors based on Power Architecture® technology.

"The fact that Freescale's Networking System Division is making Virtutech Simics its preferred simulation platform is a wonderful acknowledgement of the impact Simics is having on both development and business processes for Freescale's networking business," said John Lambert, CEO of Virtutech, Inc. "Freescale's success with Virtutech Simics is another validation in a continual stream of successful Simics use cases. Whether it's the increasingly complex needs of the multicore industry or the unique challenges of the networking, data communications, aerospace and defense industries, Simics has the flexibility, power and scalability to support our customers' businesses."

Freescale initially licensed Virtutech Simics as the simulation platform for the Freescale MPC8572 SoC. Last year, Freescale extended Simics usage to support its advanced [QorIQ™ P4080](#) multicore processor. In June 2008 at the Freescale Technology Forum, Freescale and its development community announced that they had successfully leveraged the Virtutech Simics platform to develop software solutions for the new Freescale QorIQ

P4080 multi-core processor well ahead of silicon availability. Looking forward, Freescale expects to contribute additional QorIQ processor models to the Simics library.

“The Simics virtualized systems development platform has played a key role in helping both Freescale and its ecosystem partners drive adoption and development of Freescale’s QorIQ P4080 device,” said Raja Tabet, vice president of Solutions Enablement Technology for Freescale's Networking & Multimedia Group. “Simics technology offers Freescale and its customers distinct competitive advantages to help streamline development and realize the vast performance advantages of Freescale’s embedded multicore technology.”

### **About Simics**

Simics is a high performance full-system simulator that enables engineers to develop, debug, test and run their entire software application stack on a virtual representation of their target hardware named virtual platform. The overall engineering development efforts are reduced through advanced capabilities normally not available with physical hardware: non-invasive debugging and tracing, saving and later resuming execution, full deterministic behavior, built-in networking capabilities, forward and reverse execution, ability to examine, control, and break on any internal device and to inject faults, and the ability to save system state and later replay it. Simics runs unmodified production-quality binaries and can be used with third party software development tools.

### **About QorIQ Communications Platforms**

Delivering new levels of performance, power-efficiency and programmability and built using one or more high-performance Power Architecture® cores, Freescale Semiconductor’s QorIQ platforms are system on chip (SoC) processors designed with next generation networking applications in mind. They provide a coherent multicore migration solution that enables embedded designers and equipment manufacturers to move to multicore with confidence. They consist of single, dual and many cores - all based on Freescale's e500 Power Architecture technology. The QorIQ communications platforms begin with the P1 and P2 platforms -- five package-, pin- and software-compatible processors designed to ease the transition from single- to dual-core processing. The QorIQ P4 platform, the signature member of product line, integrates eight enhanced Power Architecture® cores, a tri-level cache hierarchy, innovative CoreNet™ on-chip fabric and datapath acceleration. All platforms are delivered at 45-nanometer (nm) geometries - offering exceptional performance at embedded power budgets.

### **About Virtutech**

Virtutech, Inc. is the leader in product development process improvement through virtualized systems development (VSD). Virtutech Simics® allows for a revolutionary change in the product development process at a full system level rather than a component level and is the only commercial solution that delivers the four most important criteria for successful deployment of hardware virtualization in the electronics equipment development process: speed, scalability, model availability, and control. Simics customers report reduced time to market, better project risk management, lower capital expenditure, product development cost and maintenance as well as increased quality and individual productivity. Virtutech serves the needs of the world’s

leading OEMs in the high-performance computing, aerospace and defense, telecommunications, networking and semiconductor industries. Customers include Cisco, Ericsson, Freescale Semiconductor, GE Avionics, Honeywell, IBM, Lockheed Martin, Nortel, Northrop Grumman, MontaVista Software and Wind River. Virtutech is an active participant in organizations to drive adoption of VSD such as ARM Connected Community, Eclipse.org, IBM PartnerWorld, Multicore Association, Power.org, OSCI and Spirit Consortium. Virtutech is headquartered in San Jose, Calif. For more information, visit [www.virtutech.com](http://www.virtutech.com).

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