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**VIRTUTECH ANNOUNCES FASTEST FUNCTIONAL SIMULATOR WITH SYSTEMC
BRIDGE**

*Simics SystemC Bridge enables scalable, full-system development for mixed virtual platform with
SystemC-based devices*

ANAHEIM, CALIF., – June 9, 2008 – [Virtutech, Inc.](#), today announced the [Simics SystemC Bridge](#), a new interface that enables unmodified SystemC™-based devices to leverage the [Virtutech Simics](#) virtual software development (VSD) platform for full-system development. The new Simics interface provides SystemC-based devices with a scalable, top-down development environment for demanding, high performance product development

“As a SystemC user, Hitachi welcomes the opportunity to leverage the SystemC Bridge to Virtutech Simics,” said Toshiaki Terao, Engineering Manager of Hitachi Ltd. “We are expecting that, as the leading virtualized software development platform, Virtutech Simics will continue to improve the software development process for complex products.”

In order to deploy a virtual platform throughout their complete product life cycle, OEMs increasingly need to have a flexible infrastructure to build mixed languages and heterogeneous virtual platforms. SystemC has been a standard in the hardware-centric design flow of ESL, but the intrinsic performance of the SystemC kernel doesn't necessarily support the requirements for successfully deploying a virtual platform for system-level simulation and full software development for the target system. This situation either requires OEMs to remodel in C or alter their C++ -based model so much that they become incompatible with the SystemC standard. By providing a Bridge with Simics, which is the fastest commercial TLM-based simulation system on the market, Virtutech enables OEMs to expand their use of virtual platforms in the area of full system and software development while leveraging legacy, unmodified SystemC models.

“Virtutech Simics is unique in its ability to provide a platform for full-system development at the software level, not just at the firmware or OS level, and at an unparalleled level of performance and scalability,” said Michel Genard, vice president of marketing for Virtutech. “Although SystemC has been broadly deployed in both hardware and low level software development, OEMs have been looking for a long time for a fast simulator to leverage legacy SystemC-based platforms for true software development. With the Simics SystemC Bridge, OEMs can reuse their existing unmodified SystemC models, bring these models into our TLM-based simulator and enjoy all the performance features of Simics. We expect this interface to be a breakthrough that enables the whole SystemC community of users and developers to deploy virtual platforms further into their product life development cycle.”

“As an independent professional services provider of ESL solutions for semiconductor companies and OEMs, GreenSocs has seen more and more demand for a very fast functional simulator at the full system level that can leverage the standard SystemC models and support mixed and heterogeneous virtual platforms,” said Mark Burton, Managing Director of GreenSocs. “The Virtutech Simics SystemC Bridge is an elegant solution leveraging our GreenBus interface to bring unmodified SystemC models into Simics.”

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 3rd party software development tools.

About Virtutech

Virtutech, Inc. is the leader in product development process improvement through virtualized software 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 and Wind River. Virtutech is an active participant in organizations to drive adoption of VSD such as ARM Connected Community, Eclipse.org, IBM PartnerWorld, Power.org, OSCI and Spirit Consortium. Virtutech is headquartered in San Jose, Calif. For more information, visit www.virtutech.com.