

Freescale and Flextronics Software Systems demonstrate "OEM-ready" VPN security application

Companies collaborate to deliver powerful security equipment platform for enterprise market

MUNICH, Germany (Freescale Technology Forum) – Oct. 18, 2005 – Freescale Semiconductor (NYSE:FSL, FSL.B) and Flextronics Software Systems (FSS), formerly Hughes Software Systems, have collaborated to develop a robust enterprise security router solution. This advanced IPsec-VPN-based router solution is powered by Freescale's MPC8555E PowerQUICC™ III integrated communications processor and FSS's Enhanced Security System (ESS) software. FSS, a global end-to-end communication solutions provider, is providing the first public demonstration of this router platform solution at the Freescale Technology Forum today in Munich.

"By teaming with Flextronics Software Systems, we are providing enterprise customers with a PowerQUICC III processor-based VPN router platform solution that can be taken to market quickly and with minimal development cost," said Lynelle McKay, vice president and general manager of Freescale's Digital Systems Division. "In today's competitive environment, time-to-market means everything to our customers. That's why we're collaborating with a respected leader like Flextronics to deliver such an advanced, market-ready solution."

"Freescale and Flextronics Software Systems have a strong synergy in hardware- and software-based security technology, and both companies are committed to providing robust security solutions for enterprise networks," said Ajay Gupta, assistant vice president and head of products at Flextronics Software Systems.

The high-performance processing engine of the VPN router platform solution is Freescale's MPC8555 PowerQUICC III communications processor. The MPC8555 is based on the e500 PowerPC® core, which is designed to deliver a peak performance of 2310 MIPS at 1 GHz. The processor also integrates a powerful security engine, dual gigabit Ethernet ports, a RISC-based communications processor module (CPM) supporting Ethernet, ATM and TDM, and a DDR memory controller. The MPC8555's integrated security engine supports DES, 3DES, MD-5, SHA-1, AES and ARC-4 encryption algorithms,



along with public key support and a random number generator.

The Enhanced Security System (ESS) from FSS is a scalable, OEM-ready, standards-based enterprise security software solution. ESS combines VPN (IPSec/PPTP/L2TP) capabilities, ICSA-certified stateful firewall, NAT and IPv4 routing functions, intrusion prevention and content filtering, making this a comprehensive, all-in-one security solution for branch office and VPN enterprise router OEMs.

Highly portable, modular and flexible, ESS is a platform- and operating-independent solution that works with a wide range of real-time operating systems (RTOSs) and processor combinations. ESS supports industry-standard call-level interfaces (CLI) for selective components and comes with a user-friendly Web interface for ease of use. For OEMs building security equipment, ESS accelerates time-to-market by reducing the software development cycle by as much as 80 to 90 percent.

Platform Availability

The Flextronics ESS software evaluation package is available now on Freescale's PPCEVAL-8555-CDS reference systems. For more information, visit the MPC8555 product page at www.freescale.com/powerquicc.

About Flextronics Software Systems (FSS)

FSS is an end-to-end communication solutions provider with over 300 customers worldwide in the telecom infrastructure and handset, service provider and business process outsourcing (BPO) sectors. FSS offers both products (licensable technologies) and full-spectrum outsourcing services to its customers for wireline, wireless and next-generation fixed or IP networks. Assessed at SEI-CMMI Level 5, FSS has been an ISO 9001 company since 1996. For further information, please visit: www.flextronicssoftware.com.

About Freescale Semiconductor

Freescale Semiconductor, Inc. (NYSE:FSL, FSL.B) is a global leader in the design and manufacture of embedded semiconductors for the automotive, consumer, industrial, networking and wireless markets. Freescale became a publicly traded company in July 2004 after more than 50 years as part of Motorola, Inc. The company is based in Austin, Texas, and has design, research and development, manufacturing or sales operations in more than 30 countries. Freescale, a member of the S&P 500®, is one of the world's largest semiconductor companies, with 2004 sales of \$5.7 billion (USD).
www.freescale.com

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Media Contacts:

North America

Dale Weisman
Freescale Semiconductor
(512) 996-5142 Office
(512) 560-6197 Mobile
dale.weisman@freescale.com

Kathy Truesdell
Representing Freescale Semiconductor
(512) 996-5117 Office
(512) 633-8620 Mobile
truesdel@onr.com

Europe, Middle East, Africa

Regina Cirmonova
Freescale Semiconductor
(41-22) 799-1258
regina.cirmonova@freescale.com

Asia Pacific

Gloria Shiu
Freescale Semiconductor
(85-22) 666 8237
gloria.shiu@freescale.com

Japan

Shinichi Sunohara
Freescale Semiconductor
(81-3) 5437-9129
shinichi.sunohara@freescale.com

Latin America

Ruth Ruiz
Freescale Semiconductor
(480) 814-4897
ruth.ruiz@freescale.com

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