



## **PRESS RELEASE**

# **Enea Supports Freescale 64-bit e5500 technology and newest QorIQ™ Communications Processors**

## **Enea announces plans to support Enea OSE Multicore Edition and comprehensive tools offering for newest Freescale multicore technology**

**STOCKHOLM, Sweden, 22 June, 2010** – Enea (NASDAQ OMX Nordic:ENEA) today announced that it will offer comprehensive software support for Freescale Semiconductor's new 64-bit e5500 core, as well as the 64-bit P5020 and P5010 products and 32-bit P3041 device. Enea's offerings will be focused on Enea OSE® Multicore Edition, its hybrid realtime operating system that supports the widest range of multicore processing models and the Enea® Optima tools suite optimized for developing, debugging and optimizing multicore systems. In addition, Enea offers a comprehensive set of complementary software including high availability, data management and network protocols. The combination of Enea software and Freescale's latest multicore communications processors provide a highly integrated and powerful platform for telecom equipment manufacturers (TEMs) to build next generation equipment including high performance routers and switches, Long Term Evolution (LTE) radio access nodes and radio network controllers.

Freescale, a leading vendor of multicore communications processors, has today announced the latest additions to its QorIQ™ family. The quad-core QorIQ P3041 processor leverages the advanced feature set of the P4 family while providing power optimization for lower-end solutions allowing for an expanded range of product designs. In the P5020 and P5010, Freescale introduces the e5500 core -- its first 64-bit processor based on Power Architecture® embedded technology scalable up to 2.2GHz within a 30W power envelope. The highly integrated P5020 and P5010 devices are designed to enable next generation embedded applications where high performance is a critical requirement.

"The latest QorIQ multicore processors add increased differentiation around performance, power management, interconnects and acceleration engines," said Mathias Bâth, senior vice president of marketing at Enea. "To fully exploit all aspects on these new features developers will need a Multicore RTOS and supporting tools that are optimized for these new processors".

"The performance required of next generation networking equipment demands increasingly powerful multicore processors, as well as the software optimizations to fully exploit the device capabilities," said Brett Butler, vice president and general manager of Freescale's Networking Processor Division. "The QorIQ family of communications processors combined with Enea OSE



Multicore Edition and Enea Optima provides a high performance, flexible multicore platform on which to build a wide range of communications and mission critical equipment."

Proven in over 1.7 billion deployed devices, Enea OSE is a modular, high-performance, full-featured, realtime operating system optimized for complex multicore systems requiring the utmost in availability and reliability. To take advantage of the latest Freescale QorIQ multicore processors, Enea OSE Multicore Edition is configured to use select Freescale software technology to achieve a higher degree of integration and optimization with Freescale's Data Path Acceleration Architecture (DPAA). Developers using these devices for control, packet processing or other applications will benefit from higher performance, lower power consumption and shorter development cycles through the use of the tightly integrated software platform. These optimizations, combined with OSE's pre-emptive realtime response, memory protection, supervision, error handling and run-time program loading, as well as the comprehensive portfolio of advanced platform software from Enea, provide the ideal foundation for building fault-tolerant distributed systems based on multicore architectures that require optimal performance and true deterministic real-time behavior with five nines or higher availability.

### **For more information**

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### **About Enea**

Enea is a global software and services company focused on solutions for communication-driven products. With 40 years of experience Enea is a world leader in the development of software platforms with extreme demands on high-availability and performance. Enea's expertise in real-time operating systems and high availability middleware shortens development cycles, brings down product costs and increases system reliability. Enea's vertical solutions cover telecom handsets and infrastructure, medtech, automotive and mil/aero. Enea has offices in Europe,



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