

## PRESS RELEASE

# The most versatile and high-performing RTOS yet by Enea for ARM-based architectures

**Enea OSE<sup>®</sup> version 5.7.1 available now**

**STOCKHOLM, Sweden, February 19, 2014** – Enea<sup>®</sup> (NASDAQ OMX Nordic: ENEA) today announced the release of version 5.7.1 of the Enea OSE<sup>®</sup> real-time operating system (RTOS), bringing significant feature growth and performance gain to embedded real-time systems based on the ARM<sup>®</sup> Cortex<sup>™</sup>-A and Cortex<sup>™</sup>-R processor architectures.

“With our latest additions to the ARM version of Enea OSE, we are really surfing the momentum that this architecture is experiencing right now,” said Tommy Englund, Director of Products, Enea. “Old and new users of Enea OSE will experience a robust RTOS with extraordinary real-time characteristics and execution performance, a multicore scalability outshining even Linux, and easy software migration and portability thanks to its POSIX compatibility.”

Among the most prominent additions, the kernel system call framework has been highly optimized. Performance tests show a up to 50% lower system call execution times.

The design of the kernel interrupt management has been significantly improved in order to meet very high requirements on interrupt latency in multicore use cases. Enea OSE is, due to its hybrid SMP/AMP kernel design, very suitable for embedded multicore situations where both a rich POSIX programming environment and real-time characteristics are needed on the same processor.

“This latest RTOS upgrade is a strong move towards our shared goal of delivering optimal performance across cores and clusters in processing, power efficiency and system-wide communications,” according to Charlene Marini, vice president of marketing, embedded segment, ARM. “It's evidence of the continuing value that Enea delivers to the ARM ecosystem and the network infrastructure market.”



In this latest release, Enea OSE introduces the support for Network File System (NFS) version 4, allowing a system to share common files and directories among multiple users or machines over a network. It also brings new levels of debugging capabilities with the introduction of Enea Optima 2.8 support, including improved log analysis and log management.

### **About Enea OSE**

Enea OSE is a robust, high-performance real-time operating system optimized for multi-processor systems requiring true deterministic real-time behavior and high availability. It shortens development time, enhances reliability and reduces life time maintenance costs for a wide range of systems, from mobile phones and automobiles, to medical instruments and telecom infrastructure.

For more information, please visit <http://www.enea.com/rtos> or contact:

Oskar Swirtun, SVP Marketing

Phone: +46 8 50 71 40 70

e-mail: [oskar.swirtun@enea.com](mailto:oskar.swirtun@enea.com)

### **About Enea**

Enea is a global vendor of Linux and Real-time operating system solutions including middleware, tools, protocols and services. The company is a world leader in developing software platforms for communication-driven products in multiple verticals, with extreme demands on high-availability and performance. Enea's expertise in operating systems and high availability middleware shortens development cycles, brings down product costs and increases system reliability. The company's vertical solutions cover telecom handsets and infrastructure, medtech, automotive and mil/aero. Enea has offices in Europe, North America and Asia, and is listed on NASDAQ OMX Nordic Exchange Stockholm AB. For more information please visit [enea.com](http://enea.com) or contact us at [info@enea.com](mailto:info@enea.com).

*Enea®, Enea OSE®, Netbricks®, Polyhedra® and Zealcore® are registered trademarks of Enea AB and its subsidiaries. Enea OSE®ck, Enea OSE® Epsilon, Enea® Element, Enea® Optima, Enea® Optima Log Analyzer, Enea® Black Box Recorder, Enea® LINX, Enea® Accelerator, Polyhedra® Lite, Enea® dSPEED Platform, Enea® System Manager and Embedded for Leaders(TM) are unregistered trademarks of Enea AB or its subsidiaries. Any other company, product or service names mentioned above are the registered or unregistered trademarks of their respective owner. © Enea AB 2013.*