



Cinterion Launches M2M Solution with Oracle Java ME Embedded 3.2 for Secure Wireless Connectivity

New Cinterion EHS5 module speeds up time-to-market and seamlessly integrates data from Edge-to-Enterprise

JavaOne, San Francisco - October 2, 2012 – [Cinterion](#), Gemalto's (Euronext NL 0000400653 GTO) machine-to-machine (M2M) business segment and the global leader in M2M communication technology, today launched EHS5 - an ultra compact, high-speed M2M communication module providing secure wireless connectivity for a wide variety of industrial applications. The new Cinterion solution features a complete client Java runtime optimized for microcontrollers and other resource-constrained devices, providing Original Equipment Manufacturers (OEMs) with a cost effective, flexible platform for bringing advanced M2M technology to market faster.

The Gemalto Cinterion EHS5 module represents a milestone in miniaturized, scalable M2M technology. Sharing the same compact footprint as Cinterion 2G products, this next-generation solution enables network migration within a single design while ensuring long-lasting, future-proof applications. The solution's powerful Java-based application environment allows the vast Java developer community to tap into its existing resources to simplify and to speed up M2M solution design and integration. It also enables lean system architecture by running software directly on the Cinterion module eliminating the expense of additional co-processors and memory chips and making applications smaller and less complex. The module's Java Virtual Machine (JVM) serves as a hub connecting application software with security elements and end user computer systems to greatly ease integration and deployment. In addition, it enables value added features such as over-the-air (OTA) provisioning and remote updates of data and applications, which are crucial for keeping M2M solutions current over the long life of applications, which can often exceed 10 years.

"Java technology has always been a core component of Oracle's relationship with Cinterion and we are pleased that they have selected the Oracle implementation of Java ME to help realize their Java vision and strategy for Gemalto's M2M segment," said Nandini Ramani, vice president, Software Development, Java Client and Mobile Platforms, Oracle. *"Java ME Embedded 3.2 delivers a new Java implementation optimized specifically for microcontrollers and small embedded devices like the Cinterion EHS5 module, helping to not only meet current customers' needs for reduced complexity and faster time to market, but also providing a platform for development and growth in the rapidly expanding M2M market segment of embedded systems."*

"There are more than 850 million computers and billions of devices and machines currently running Java technologies, many of which being secure objects from Gemalto" said Norbert Muhrer, Senior Vice President, Gemalto Cinterion M2M segment. *"The Cinterion Java modules are a dynamic link at the center of industry-specific M2M applications. They connect Java-based machines, devices and sensors at the edge of an enterprise to the backend Enterprise Resource Planning systems, sending data where it is needed most for successful and dependable business operations. Edge-to-Enterprise, or E2E, connectivity is clearly the future of M2M."*

The Cinterion EHS5 M2M Module Technical Details:

The compact EHS5 solution measures 18.8 x 27.6 x 2.3 mm. It is available in two variants: EHS5-US (850/1900 MHz) for North America, and EHS5-E (900/2100 MHz) assuring global coverage.



About Oracle

Oracle engineers hardware and software to work together in the cloud and in your data center. For more information about Oracle (NASDAQ:ORCL), visit <http://www.oracle.com>.

About Cinterion, a Gemalto Company

Cinterion, the Machine-to-Machine (M2M) segment of Gemalto (Euronext NL 0000400653 GTO), is the industry pioneer for wireless M2M communication and market leader for more than 15 years. Cinterion enables businesses to succeed in a complex M2M ecosystem by offering expertise, security, simplicity and partnership. Cinterion's award-winning products and services connect people, machines, equipment and vehicles over wireless networks, helping enterprises simplify operations, increase efficiency and establish new business models. Equipment makers, integrators, MNOs, and end-users rely on Cinterion for leading-edge wireless M2M communication modules, Machine Identification Modules (MIMs), MIM personalization capabilities plus a trusted and secure, cloud-based Service Delivery Platform for any M2M application. Cinterion powers cellular communications for: telematics and automotive applications, tracking and tracing, industrial mobile computing, metering and smart grid, payment systems, healthcare, security systems, routers and gateways, remote maintenance and control and more.

About Gemalto

Gemalto (Euronext NL0000400653 GTO) is the world leader in [digital security](#) with 2011 annual revenues of €2 billion and more than 10,000 employees operating out of 74 offices and 14 Research & Development centers, located in 43 countries.

We are at the heart of the rapidly evolving digital society. Billions of people worldwide increasingly want the freedom to communicate, travel, shop, bank, entertain and work – anytime, everywhere – in ways that are enjoyable and safe. Gemalto delivers on their expanding needs for personal mobile services, payment security, authenticated cloud access, identity and privacy protection, eHealthcare and eGovernment efficiency, convenient ticketing and dependable machine-to-machine (M2M) applications.

Gemalto develops secure embedded software and secure products which we design and personalize. Our platforms and services manage these secure products, the confidential data they contain and the trusted end-user services they enable. Our innovations offer more ways for our clients to enhance the convenience and security of people's digital lives.

Gemalto thrives with the growing number of people using its solutions to interact with the digital and wireless world.

For more information visit www.gemalto.com, www.justaskgemalto.com, blog.gemalto.com, or follow [@gemalto](https://twitter.com/gemalto) on Twitter.

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