Gemalto's new M2M development kit boosts innovation in the Internet of Things

Easy-to-use development board simplifies M2M solution design
for Java community, enabling prototypes in just hours

Amsterdam, September 23, 2013 – Gemalto (Euronext NL0000400653 GTO), the world leader in digital security, is again simplifying Machine-to-Machine (M2M) technology and expanding the Internet of Things (IoT) with the launch of the *Cinterion®* Concept Board for developers. The IoT gives physical objects the ability to automatically transfer information over a network, which creates a platform for smart decisions and continuously improved process and interactions. With the Internet of Things' ubiquitous intelligence, people can be alerted to the nearest parking space, available taxi or cycle path all with a simple app. The *Cinterion* Concept Board is designed to expand these IoT possibilities through speeding up the creation of innovative solutions in digital signage[1], automated building applications, remote monitoring and control of devices[2] and more.

The new development kit simplifies solution design by allowing the vast community of M2M developers to transform original ideas into prototypes in just hours compared to days or weeks with traditional approaches. Leveraging Oracle Java ME Embedded, Gemalto's unique *Cinterion* Concept Board will provide potentially over nine million Java developers worldwide with an easy and cost-efficient method to engage in the M2M marketplace. The *Cinterion* Concept Board is also cloud-ready through Gemalto's *SensorLogic* application enablement platform with secure wireless connectivity enabled by a *Cinterion* M2M module. The all-in-one kit marries the ease-of-use of Java embedded solutions with a simple open source interface for Arduino[3] extension boards inspiring the creation of smarter interactive objects and environments.

"Java developers are an inventive and passionate group, and Gemalto's Cinterion Concept Board gives them the ideal tool to quickly get started creating applications for the Internet of Things," said Nandini Ramani, vice president of development, Java Platform, Oracle. *"With 50 billion connected devices predicted for 2020[4], there is a tremendous opportunity for developers to connect and automate the IoT with the Java enabled* Concept Board*."*

"Our Cinterion Concept Board is the easiest and most cost effective way for anyone with an interest in M2M and the IoT to create solutions like remotely controlling the temperature of your home thermostat helping to save energy and money," said Axel Hansmann, VP of M2M Strategy and Marketing at Gemalto. *"With the* Cinterion Concept Board*, we are tapping the creativity of Java developers, enabling them to invent cool applications that can then enhance the IoT."*

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[1] Example of digital signage: a digital billboard that circulates up-to-the minute information as needed with public safety announcements

[2] Example of remote monitoring and control: connecting streetlights to an intelligent network for just-in-time lights on / off, thus reducing waste of electrical power

3 Arduino is an open-source electronics prototyping platform based on flexible, easy-to-use hardware and software. It's intended for artists, designers, hobbyists and anyone interested in creating interactive objects or environments

[4] http://www.telegraph.co.uk/technology/internet/9051590/50-billion-devices-online-by-2020.html

The Cinterion® Concept Board will be available starting October 2013 and can be pre-ordered here.

Gemalto is a Gold level member of Oracle PartnerNetwork (OPN).

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Gemalto (Euronext NL0000400653 GTO) is the world leader in digital security with 2012 annual revenues of €2.2 billion and more than 10,000 employees operating out of 83 offices and 13 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. We develop secure embedded software and secure products which we design and personalize. Our platforms and services manage these products, the confidential data they contain and the trusted end-user services made possible.

Our innovations enable our clients to offer trusted and convenient digital services to billions of individuals. Gemalto thrives with the growing number of people using its solutions to interact with the digital and wireless world.

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