pressrelease

Gemalto M2M connectivity solution helps deliver green energy to remote communities without electricity

Amsterdam, Sept. 2, 2014 – Gemalto (Euronext NL0000400653 GTO), the world leader in digital security, is providing M2M connectivity for SOLARKIOSK, a compact, solar powered station transported onboard a mobile vehicle. This cabin features photovoltaic panels across its roof to generate sustainable energy in areas outside of conventional power cabling and infrastructures. Gemalto's *Cinterion*® modules deliver rugged M2M connectivity powering a mobile router, provided by INSYS icom, which enables condition monitoring of the SOLARKIOSKs' photovoltaic panels and tracks energy production and consumption through a web interface.

Quick and easy to deploy, the SOLARKIOSKs support simple plug-in access for appliances, devices and broad range of systems. Each kiosk generates enough electricity to operate the cellular router and recharge 220 cell phones in a single day – up to 80 at the same time. The M2M solution provided by Gemalto and INSYS icom monitors and manages the solar panels on a 24/7 basis, tracking energy input and output, providing a reliable system for power delivery to end users, and automatically reporting potential problems.

The SOLARKIOSKs produce sustainable electricity for a variety of services, including refrigerated storage for medicines as well as for consumer products. By delivering these benefits to remote communities, the SOLARKIOSKs are expected to transform the lives of millions of people who live in the rural areas of developing countries. Projects are already operating in Ethiopia, Botswana and Kenya, supplying both power and access to information, in particular for education and creating a social hub for local communities.

"*One of the biggest challenges for M2M communication is to properly function in extreme environments such as the intense heat of an African desert or the tremendous moisture of a South American rainforest,*" said Michael Gartz, Director Sales and Marketing for INSYS icom. "*INSYS icom and Gemalto heavy duty technologies are ideally suited for those areas which are not connected to an electricity grid, such as rural and remote areas in developing countries and districts affected by disasters. An estimated 1.5 billion people worldwide live in such regions, with 600 million in Africa alone and SOLARKIOSK will be there to serve them.*"

"*In many parts of the world, traditional power infrastructures are difficult to set up and quickly become expensive to maintain,*" added Thomas Steffen, M2M regional manager at Gemalto. "*With SOLARKIOSK, we aspire to play a social role in meeting such Machine-for-Human challenges, whatever the geographical constraints.*"

About Gemalto

Gemalto (Euronext NL0000400653 GTO) is the world leader in digital security with 2013 annual revenues of €2.4 billion and more than 12,000 employees operating out of 85 offices and 25 research and software development centers, located in 44 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.

For more information visit www.gemalto.com, www.justaskgemalto.com, blog.gemalto.com, or follow @gemalto on Twitter.

Gemalto Media Contacts:

Peggy Edoire
Europe, Middle East & Africa
+33 4 42 36 45 40
peggy.edoire@gemalto.com

Contact Gemalto's media relations in your region