

Gemalto launches Cinterion® Secure Element for advanced protection of automotive and industrial IoT solutions

- Adaptive security for always up-to-date smart card security level
- Connected to life cycle management platform to be fit for long-lived industrial solutions
- Extreme environment and tamper resistant for high reliability and protection against physical attacks

Amsterdam, Sept. 14 – Gemalto (Euronext NL0000400653 GTO), the world leader in digital security, is introducing the *Cinterion® Secure Element*, a tamper-resistant component embedded in industrial Internet of Things (IoT) solutions to enable advanced digital security and lifecycle management. The security framework, named Secure Element, serves as the foundation of trust for building the IoT security architecture. This is crucial for long-lived industrial solutions such as connected cars and smart meters that need protection against evolving threats while remaining flexible to accommodate enhanced functionalities and services.

Leading edge automakers have already begun integrating Gemalto's *Cinterion Secure Element* in advanced security architecture by design. The *Cinterion Secure Element* meets extreme environmental and longevity requirements from the automotive industry and benefits from smart card level security. This ensures that data is stored in a safe place and access is granted only to authorized applications and people helping to guard against digital and physical attacks.

In addition, Gemalto's new component enables secure over-the-air management of security credentials as well as software updates across the lifecycle of solutions. The Secure Element offers an added layer of protection for a variety of applications and represents a powerful key to help secure the entire IoT ecosystem.

"The growing reliance on IoT solutions and high profile cyber-attacks are focusing industry minds on the necessity of security technology for continued growth," said Robin Duke-Woolley, CEO at leading technology analyst firm Beecham Research. *"Security at this level does not work as an afterthought. It must be incorporated from the ground up at the start of new development projects. The Cinterion Secure Element provides for this, combining flexibility with high levels of security."*

"Gemalto's Security by Design approach and suite of M2M optimized solutions - including the Secure Element - provide end-to-end protection from the edge to the core," said Laetitia Jay, Vice President of M2M Solutions and Services at Gemalto. *"Security and trust among all types of connected objects such as cars, traffic lights or intelligent road systems, will enable a whole realm of innovations in the IoT ecosystem."*

About Gemalto

Gemalto (Euronext NL0000400653 GTO) is the world leader in digital security, with 2014 annual revenues of €2.5 billion and blue-chip customers in over 180 countries.

Gemalto helps people trust one another in an increasingly connected digital world. Billions of people want better lifestyles, smarter living environments, and the freedom to communicate, shop, travel, bank, entertain and work – anytime, everywhere – in ways that are enjoyable and safe. In this fast moving mobile and digital environment, we enable companies and administrations to offer a wide range of trusted and convenient services by securing financial transactions, mobile services, public and private clouds, eHealthcare systems, access to eGovernment services, the Internet and internet-of-things and transport ticketing systems.

Gemalto's unique technology portfolio - from advanced cryptographic software embedded in a variety of familiar objects, to highly robust and scalable back-office platforms for authentication, encryption and digital credential management - is delivered by our world-class service teams. Our 14,000 employees operate out of 99 offices, 34 personalization and data centers, and 24 research and software development centers located in 46 countries.

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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