

## **Gemalto breakthrough technology provides unprecedented quality for engraving laser color photos in secure polycarbonate documents**

Ending the high-resolution secure documents' eternal trade-off between black-and-white high-security laser and lower security color pictures technologies

Capability is announced today and available immediately for volume production

**Amsterdam – May 12, 2014** – Gemalto (Euronext NL0000400653 GTO), the world leader in digital security, launches [Sealys Color in Polycarbonate](#), a remarkable innovation that allows very high quality color photographs to be permanently embedded into polycarbonate documents such as IDs, driving licenses and passports. Images up to 1200 dpi resolution have been made robustly tamper-proof through a laser-engraving process, which applies markings deep into the document datapage. Polycarbonate documents are already recognized for their security and durability and now *Sealys Color in Polycarbonate* adds another unique feature to Gemalto's broad range of options to better meet the evolving demands of government authorities and national printers.

The use of high resolution color portraits is well appreciated to facilitate more accurate on-the-spot identification at border checkpoints. Additional security features include deep-set embedding of microtext in the image to make alteration virtually impossible. In addition, the new technology enables personalization to be performed independently of the document manufacturing process, so as to preserve complete flexibility at issuance.

*Sealys Color in Polycarbonate* complements Gemalto's wide ranging and innovative laser-personalization portfolio. Unique in the market, [Sealys Edge Sealer](#) engraves the holder's name or ID number along the document edge. [Sealys Window](#) is a transparent area inside the card which makes any attempt to tamper with the document immediately obvious.

*"Gemalto's highly sophisticated laser engraving technology is designed to counter forgery while remaining easy for officials to verify document authenticity, hence providing more convenience to legitimate holders,"* commented Frédéric Trojani, Executive Vice President of Government Programs at Gemalto. *"Building on Gemalto's unparalleled expertise in secure documents – reflected in over 80 national programs - it is part of our commitment to continue to invest in pioneering solutions that help keep our customers one step ahead."*

## 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](http://www.gemalto.com), [www.justaskgemalto.com](http://www.justaskgemalto.com), [blog.gemalto.com](http://blog.gemalto.com), or follow [@gemalto](https://twitter.com/gemalto) on Twitter.

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