

Department of Energy's Oak Ridge National Laboratory secures internal resources with Gemalto's strong authentication solution

Amsterdam, Apr. 2nd, 2014 – Gemalto (Euronext NL0000400653 GTO), the world leader in digital security, announces that its *Protiva* IDPrime [Personal Identification Verification](#) (PIV) has been selected to secure logical and physical access for Oak Ridge National Laboratory (ORNL), one of the leading science and technology research facilities for the U.S. Department of Energy. ORNL's new authentication system creates a secure infrastructure protecting laboratories that are developing leading edge technologies in sustainable energy, environmental protection and national security solutions. Gemalto's interoperable solution meets the U.S. federal government's most rigorous identity verification requirements¹ having already delivered over 15 million PIV cards.

Mitigating the security risk and complexity associated with username and passwords, ORNL employees simply insert their *Protiva* IDPrime PIV card into a PC embedded or connected card reader to gain access to controlled information systems, to digitally sign documents and encrypt emails. For physical access, employees simply submit their PIV card for secure entry to restricted areas. Gemalto's solution experts and network of partners provided a seamless integration into ORNL's IT environment. To meet ORNL's system needs, Gemalto collaborated with Charismathics² and Quantum Secure³ to deploy a flexible, end-to-end solution that can operate across their current and future IT infrastructure. Their combined expertise enables an easy and scalable solution that can seamlessly add features and functionality as technology needs advance. This all-in-one offer gives ORNL a layered protection that can reduce potential security breaches while safeguarding employees' identities.

"At ORNL, we work to provide innovative solutions and research that help reduce the amount of energy we consume," said John Watson, Laboratory Protection Division Systems group manager. *"Safeguarding our information through secure physical and logical access to comply with personal identification verification standards is a priority."*

"With Gemalto's Protiva IDPrime PIV solution, companies are implementing the same level of strong authentication already proven to be effective in protecting government networks," said Thomas Flynn, Vice President of Sales for Identity and Access at Gemalto. *"At Gemalto, we work to provide high assurance access control solutions designed to adapt easily to evolving identity technologies while providing the solution expertise for fast and effective deployments."*

¹ [FIPS-201 \(HSPD-12\) specifications](#)

² [Charismathics](#) provides the latest PIV-PKI middleware

³ [Quantum Secure](#) provides the identity management back-end infrastructure

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.

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