Press Release

TIEMPO SECURE partners with id3 Technologies to bring ready-to-use biometric-enabled chips to smart card vendors

As biometrics are always more present in payment and government applications, TIEMPO SECURE and id3 Technologies set up a partnership allowing TIEMPO SECURE to deliver its TESIC-SC chips with already installed match-on-card routines for fingerprint and facial recognition, making it easy for smart card vendors to propose already certified apps for major market segments.

Grenoble, France – November 27th, 2017 – Government identity, digital identity and payment applications, all over the world, are increasingly using biometric authentication to deliver always-increasing security levels to application operators. Taking these needs into account, TIEMPO SECURE TESIC-SC smart card chips now embark all necessary routines to ensure a quick and easy integration for smart card application developers. By using pre-installed pre-certified routines, they ensure their products will fit all market requirements and pass all certifications easily.

Thanks to this new partnership with id3 Technologies, TIEMPO SECURE TESIC-SC chips now include match-on-card routines that allow performing biometric verifications for fingerprint and facial recognition. These routines are optimized to have at the same time a small footprint and to bring a high level of performance both in contact and contactless modes. Id3 biometric on-card comparison technology, also known as "match-on-card", provides security and privacy for the end-user by removing the need for databases. The confidentiality of the biometric data is guaranteed by integrating both the storage and matching subsystems into the secure integrated circuit chip that can contain data corresponding to ten fingers and one face.

Based on a unique clockless design, TIEMPO SECURE TESIC-SC chips are ideal for smart card vendors willing to propose a full solution with high security and high performance to application issuers. With TESIC-SC, their smart card products include ready to use id3 match-on-card routines for fingerprint and facial recognition. These routines work in contact and contactless mode alike, with a high level of performance guaranteeing transactions are performed within the allocated time-frame specified by payment schemes and required by card and application issuers.

Delivering a high level of security, TIEMPO SECURE TESIC-SC chips are certified Common Criteria CC-EAL 5+ and EMVCo.

Id3 Technologies Match on Card Finger 5.2 routines have been evaluated by the NIST (US National Institute of Standards and Technology) and have demonstrated their compliance with MINEX III specifications. Typical time for a fingerprint recognition is around 100 ms.

Id3 Technologies Match on Card Face 1.1 routines have been evaluated by the NIST and came among the best solutions the Face Recognition Vendor Test (FRVT) out of about 40 participants. Both match-on-card routines show excellent performance on TIEMPO SECURE TESIC-SC chips. Typical time for a facial recognition is around 100 ms.

Serge Maginot, CEO of TIEMPO SECURE declares: "By adding id3 Technologies' biometric match-on-card routines, we make TESIC-SC an always richer option for smart card manufacturers to propose feature-rich cards delivering the best-in-class performance thanks to their original design and technology."

Jean-Louis Revol, President of id3 Technologies adds: "This partnership embodies the combination of the high performance of our algorithms both in terms of timings and in terms of biometric performance, with the quality of the hardware platform, the development environment and the support provided by TIEMPO SECURE."

Id3 Technologies will be exhibiting at Trustech, a major event for the secure transactions industry, taking place in Cannes, France, on November 28 – 30, 2017. Come and visit us on booth Lerins B 016.

About TIEMPO SECURE
TIEMPO SECURE offers unique chip solutions that perform secure transactions and have unmatched hardware security and speed/power performance in contactless environments. TIEMPO SECURE chips rely on an innovative and patented clockless design technology developed by TIEMPO SECURE. Its first family of secure products, TESIC-SC, is composed of dual-interface secure microcontrollers with embedded flash that target contact and contactless transactions such as banking payment, open loop ticketing and secure identification. TIEMPO SECURE is now introducing a new family of secure elements, TESIC-SE, specifically optimized for the IoT market requirements and delivered with an end-to-end security solution, from objects to cloud. The company is headquartered near Grenoble, France. More information can be found on www.tiempo-secure.com.

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About id3 Technologies
Created in 1990, Id3 Technologies is a global provider of biometric, security and identity solutions. The company has been developing biometric systems for more than 25 years and is known as a precursor and a visionary in the field of fingerprint on-card comparison

technology. Id3 technologies are certified by MINEX Ongoing, organized by the NIST (US National Institute of Standards and Technology). Its skills in biometrics also include face and iris recognition. It has an international network of customers and partners and offers its services to high technology companies. Over the last 25 years, id3 has been developing products and solutions for its customers in the fields of energy management, smart home, industrial automation, connected sensors, and physical and logical security management. The company is headquartered near Grenoble, France. More information can be found on www.id3.eu.

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