

IICS and e.siqia lock partnership for secure digital identity on client PCs and mobile devices

The result of the cooperation between IICS GmbH and e.siqia Group AG is a security solution based upon a TCOS 3.0 smart card in a microSD memory card form-factor

Nuremberg, 30th of January, 2008 – The Nuremberg based IICS GmbH, a specialist in mobile data and communication security and supplier of the world's only microSD smart card with flash memory has agreed to cooperate with the Swiss information technology company e.siqia Group AG in the area of securing digital electronic identities. Through the high level of expertise of both companies' and their cutting edge leadership role in the digital signature market, IICS and e.siqia establish the foundation for legally binding electronic signatures on mobile devices.

Numerous initiatives and projects pursue the goal to make the use of electronic signatures available to a wide spectrum of applications. As the acceptance of signature cards which fulfill the requirements of the electronic signature laws increases, enormous potential is created for solutions of which are based upon digital signature. Applications on mobile devices like PDAs and smart phones have been excluded from this development, as the security requirements of a trusted electronic signature on a mobile phone were simply not feasible. With the certgate Smart Card microSD and the newly released support for the TCOS 3.0 operating system, it is now finally possible to securely store a qualified digital signature on the mobile device.

TCOS – The secure operating system for smart cards

Being the first of the operating systems to fulfill the German Signature Law accreditation, TCOS (T-TeleSec Chipcard Operating System) from T-Systems has received the Common Criteria EAL4+ rating for both the chip as well as the operating system. TCOS provides the basis for innovative mobile solutions and is very flexible to employ: as a secure component for data communication, as an addition to digital signatures and for the protection of networks and computer systems from unauthorized access. TCOS makes it possible to use smart cards as an electronic identification to enter secured areas, for example as an electronic driver's license NS



for employee time-stamping. TCOS allows independent utilization of multiple functions and applications on a single card.

The certgate Smart Card TCOS 3.0

The certgate Smart Card with TCOS 3.0 is perfectly suited for deployment as a signature card, fulfilling the highest requirements for digital authenticity. "With the certgate TCOS 3.0 we can finally offer proven smart card based solutions also for high-security mobile applications," says Robert Andres, CTO of e.siqia. The first applications for high-level security, availability and mobility for example in the health, public administration and industry will be demonstrated at the CeBIT in March of this year. e.siqia is the dedicated Sales channel partner for the certgate Smart Card TCOS 3.0 solution.

Pioneering mobile IT-Security

IICS is the first supplier in the world to produce fully functional smart cards in the micro SD format. With the functionality of the integrated cryptographic chips, IICS is pioneering mobile security for mobile applications and devices. The removable hardware token fulfills the highest levels of security policy and regulation making mobile devices like smart phones and PDAs also permissible in areas where only the highest degree of confidentiality is allowed. The certgate Smart Card microSD fits into all devices which are equipped with a microSD, miniSD and SD interface.

IICS (www.iics.de):

IICS GmbH, based in Nuremberg, plans, develops and markets products and solutions for data and communication security in mobile applications. The certgate products in microSD format offer smart card security for all mobile devices, particularly smart phones and PDAs. They ensure that mobile applications, for example mobile banking, meet even the highest security guidelines. As a result, business processes can be extended to mobile end devices without sacrificing security and at the same time improving productivity significantly.

e.siqia Group AG - Trusted electronic identity.

The Swiss-based e.siqia Group AG focuses on three key areas: authenticity, identity and integrity. The overriding goal of its international activities is to provide trusted electronic identity in confidential documents and to guarantee the integrity of stored data. Business activities range from specialist sales of signature and encryption software through to the combination of various specialized technologies as well as tailor-made solutions.



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