

Smartphones no longer sidelined: Secure data communication and complete protection for the intelligent devices of mobile managers

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New Level of Security for Windows Mobile

Nuremberg/Hanover, March 8, 2009.- The Nuremberg-based company certgate is going to present its latest innovation at CeBIT: the Protector for Smart Phones, a hardware-based security solution for the reliable protection even of very sensitive data and mobile communications. A smart card of the microSD type is used to encrypt both user data and access/retrieval rights. This enables security-conscious businesses to integrate smart phones into their firm networks without having to worry about opening potential security gaps.

certgate's Protector for Smart Phones offers a randomly scalable security level for Windows mobile devices, including a high-end solution for top security zones. It uses the certgate Smart Card functionality to prevent unauthorized access by ensuring tamper proof smart phone configuration. Whenever required, functions like Bluetooth, WLAN, or ActiveSync etc. are deactivated and certain applications and ports are blocked ? as a result, infiltration with harmful software is effectively prevented.

"A top-security military cell phone of the kind the American president uses would obviously be unreasonable for us Europeans," says Dr. Paschalis Papagrighoriou, CEO of certgate GmbH. "On the other hand, mobile devices without hardware protection represent a serious risk for network safety." To avoid that risk, Papagrighoriou further points out, many large organizations have simply prohibited their staff from using Smart Phones. "But with our solution, even mobile devices can be

integrated in the PKI."

The certgate Smart Card is equipped with a crypto-processor capable of generating and storing digital key pairs (RSA 2048 Bit). Certificates and keys stored on the Smart Card are used to encrypt all user data, thus protecting them against unauthorized access even if the device is lost. In addition, they are also used to encrypt and electronically sign e-mails and to access protected networks (VPN) or secure websites (SSL).

With the certgate Protector, companies will now be able to extend their security concepts to their managers' and field staff's handhelds and smart phones.

certgate can be found at CeBIT until March 8, 2009 Hall 9, Stand B20, "Bayern Innovativ"

About certgate GmbH:

certgate GmbH is a Nuremberg-based high-tech enterprise which was founded by Dr. Paschalis Papagrigoriou in 2004. The innovative company specializes in developing and marketing products and solutions which enhance the safety and user-friendliness of mobile communication devices. certgate has developed the first microSD card worldwide featuring Smart Card functionality, and has obtained patent protection for its technical lead in the field of mobile IT security.

Due to its strong cryptographic function, the certgate microSD Smart Card permits the generation, storage and safe use of certificates and personal safety keys. Consequently, it also supports encrypted data storage, safe mobile banking according to HBCI and EBICS standards, and the setting up of safe VPN connections from mobile devices. In close cooperation with implementation partners, certgate is also working on customized security solutions for smartphones, PDAs and other mobile devices, based on its certgate Smart Card micro SD. www.certgate.de

Press contact certgate
certgate GmbH
Dr. Paschalis Papagrigoriou
Rollnerstraße 142
90408 Nürnberg
Tel.: +49.911.93 52 3-0
Fax: +49.911.93 52 3-52
press@certgate.biz

Sabine Faltmann
f@ltmann PR
Kackertstr. 4
52074 Aachen
+49.241.89468-22
certgate@faltmann-pr.de

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