

First time on a Nokia: certgate to port microSD-based smartcard security into Symbian OS

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Nuremberg / Barcelona, 08.02.2010, Prior to the Mobile World Conference in Barcelona, the Nuremberg-based IT security company certgate announces that its SmartCard microSD will from now on also support business cell phones with Symbian operating systems. Thus the specialists for mobile security solutions also offer Nokia cell phone users a way to protect their digital identity with hardware certificates.

The world's largest telecommunication technology exhibition in Barcelona opens its gates from 15-18 February 2010, and certgate will be presenting the very first use cases of the certgate Mobile SmartCard Suite on the Symbian platform – including secure certificate-based web access via SSL, and authentication via VPN gateways using the Nokia Mobile VPN client.

The certgate Mobile SmartCard technology provides cryptographic features for mobile devices with a microSD slot. Its secret is the unique certgate SmartCard microSD – a full-value smartcard in the form of a microSD flash memory card. The card has a certificate store, a random generator, and can also generate key pairs.

“The porting of our Mobile SmartCard technology into the Symbian world gives the fans of Nokia business cell phones the opportunity to store tamper-proof digital certificates and use them for various cell phone applications without an external card reader”, explains Dr. Paschalis Papagrigoriou, CEO of the certgate GmbH. “Thus certgate provides a solution for the most important mobile operating systems for business communication – Windows Mobile, Blackberry, and Symbian. This year we will expand the Mobile SmartCard Suite to support Android phones(Google Phone).”

The present solution for Symbian supports S50 3rd Edition, FP 1 and 2, and has been successfully tested on devices of the E-series (E63, E71, E72, E75). certgate also offers a development kit which helps application developers to create own applications and make adaptations based on the certgate API and standardized interfaces.

certgate is going to present the certgate Smart Card microSD at the international GSMA Mobile World Congress, Barcelona, 15 - 18 February 2010.

certgate GmbH is a high-tech company located in Nuremberg and was founded by Dr. Paschalis Papagrigoriou in 2004. The innovative company's line of work involves the development and marketing of products and solutions which make the use of

communication devices more secure and user-friendly. certgate has developed the world's first microSD Card with smart card functionality and has registered patents to protect its technological leadership in the field of mobile IT security.

Thanks to its powerful cryptographic functionality, the certgate SmartCard microSD enables the safe storage and use of certificates as well as the generation of key pairs. Thus the certgate SmartCard supports two-factor authentication on smartphones and notebooks, encrypted data storage, e-mail encryption, secure mobile banking according to HBCI and EBICS standards, and the secure creation of VPN links to mobile devices. In close cooperation with implementing partners, certgate also develops customer-specific security solutions for smartphones, PDAs and other mobile devices based on its certgate SmartCard microSD. www.certgate.com

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