certgate protects mobile devices against spying and tapping

Launch of roundabout mobile security solution at Infosecurity Europe in London

Nuremberg/London, 22 April 2010.– The Nuremberg-based mobile security specialist certgate will be launching the world's first complete security solution for smartphones at the Infosecurity 2010 fair in London. The new solution based on the certgate Smartphone Protector secures three dimensions: mobile device access, data in motion and voice communication.

certgate presents the first security solution ever for mobile phones that provides complete protection for mobile communication on the basis of hardware-secured certificates. Reliably defending all potential points of attack on a smartphone, it shields against spyware and malware, protects user data from loss and manipulation, stops unauthorised access to data communication, and even secures voice communication from any form of interception.

"A few people caught only a glimpse of the solution at the CeBIT 2010 in Hanover, and now at Infosecurity 2010 in London we will be letting you get up close and test the solution for yourself," explains Axel Stett, COO of certgate. "We are presenting a showcase that will clearly demonstrate our technical implementation to visitors and provide hands-on proof of the solution's voice quality."

The technology of hardware-based device protection and data encryption is at the core of a top-security project named 'SiMKo2', developed by certgate's integrator partner T-Systems International, to provide secure mobile communication to the German Federal Government, public administration and selected enterprises. This solution – nicknamed 'Merkelphone' – will now be enhanced by certgate with a ciphony module running on VoIP.

Espionage and misuse

certgate's security solution enables public authorities and enterprises to use their mobile devices safely for confidential information, making them fully compliant with defined administrative or corporate safety policies. It resists all spyware and malware attacks on mobile phones as well as 'man-in-the-middle' attacks. In the event of loss or theft, the certgate Smartphone Protector eliminates the danger of data being circulated or misused: the phone is absolutely inaccessible and its memory remains undecryptable, even under laboratory conditions. Similarly, it is impossible to activate any form of eavesdropping or microphone-tapping software that might be bought from the internet for as little as $100.

Easy deployment

The certgate solution is in fact cost-effective, as it runs on off-the-shelf smartphones. Enterprises can benefit from the growth potential and cost-savings of mobile business models without having to buy 'crypto phones' that come with a heavy price tag. Smartphones can be integrated into an organisation's security infrastructure in a rapid and cost-efficient manner, enabling totally risk-free mobile communication between head office executives, for instance, and the sales force out on the road. Administrative overheads are low because software installation and personalisation of the certgate SmartCard microSD is a one-off effort per smartphone.

Interoperable technology

The certgate Smartphone Protector is based on unique kernel protection and guarantees unrivalled security levels for mobile devices. Top security encryption algorithms and ultra-modern communication technology securely protect information against espionage and misuse.

certgate's voice encryption application, which is fully integrated in the smartphone's normal GUI and directory of contacts, makes use of and is interoperable with SIP and RTP protocols. It works well in PKI environments

and runs on a broad variety of Windows Mobile-based smartphones, with further platforms on the way according to certgate.

Visit Infosecurity Europe, 27-29 April 2010, Earls Court, London, and see certgate at Stand 82.

Be our guest and register today for free: http://bit.ly/cpx2BJ or

https://www.infosec.co.uk/page.cfm/Action=PreReg/CoBrandID=7163/t=m/trackLogID=4147511_167E2B20BC

About certgate:
High security for mobile devices

certgate GmbH, a high-tech company located in Nuremberg, Germany, develops and markets solutions which add higher levels of security and ease-of-use to mobile communication devices. certgate SmartCard microSD enables safe storage and use of certificates and protected key pair generation. Among other things, certgate SmartCard microSD supports two factor authentication, PKI environment, user data encryption, S/MIME email signing and encryption, secure mobile banking, authentication of VPN links and now for the first time voice encryption on a fully protected platform. www.certgate.com

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