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Giegerich & Partner: Email-Protection against Cyber Espionage

Since the scandal surrounding the US spying programme PRISM, many Internet users have become unsettled. Not without reason, as every day sensitive project, personal and financial data is transmitted via email, entirely unprotected, in effect like a virtual postcard.

DREIEICH & FRANKFURT, Germany--(BUSINESS WIRE)--June 24, 2013--

Giegerich & Partner believes that the email traffic of innovative companies is especially threatened by this process. It's not only a problem of data being accessed by investigative bodies and news organisations. A far greater threat comes from hackers, namely industrial espionage. There are, however, simple measures which can be taken to protect against illegal access. Experts agree that the best protection is the encryption of digital mail. In Microsoft(R) Outlook, gpg4o, an OpenPGP-based encryption method, can be used to close the functionality gap, meaning no more prying eyes. OpenPGP is one of the world's most common encryption standards.

"From a technical standpoint, email is much more comparable to a virtual postcard than a sealed letter", explains Hans-Joachim Giegerich, Managing Director of IT service provider Giegerich & Partner. "And seeing as data packets are transmitted in readable plain text throughout the entirety of an email's journey across various nodes on the Internet, it can be read and altered at multiple places at any time."

In gpg4o, Giegerich & Partner has developed a software extension for Microsoft(R) Outlook which adds encryption and digital signatures to emails, based on the OpenPGP standard. The programme is in use in over 40 countries worldwide and guarantees not only information confidentiality, but by using a digital signature also ensures that the message or file is both authentic and unaltered i.e. it has not been manipulated. An additional advantage is that the software add-in can be installed quickly, is added seamlessly to the software interface and is very easy to use. The cryptography and signature software also automatically encrypts and decrypts attached files and is compatible with all common encryption programmes.

The programme, which runs on Windows operating systems XP, Vista, 7 and 8, and requires only Outlook and the free software GnuPG, also equips you perfectly for international communication: the characters of all existing worldwide languages such as Arabic, Hebrew, Japanese, Chinese or Russian can be processed flawlessly (UTF-8). Integration into a terminal server operation is very simple, PGP/MIME emails are supported and the display of HTML emails is fully integrated in Outlook. Update 3.1 adds additional user-friendly features: emails can also be decrypted offline and there is improved support for S/MIME emails and IMAP connections. Additionally, the migration assistant GnuPG installs automatically. The software is available for download at <http://www.gpg4o.de> and comes with a 45 day free trial.

Giegerich & Partner:

The IT service provider Giegerich & Partner GmbH based in Dreieich in Frankfurt/Main has focused on solutions for the smooth and safe operation of networks and computer-controlled applications. In addition to consulting and concept design, the company provides complete implementation of IT projects, as well as the operation of IT systems and solutions used for outsourcing. Customized solutions and the adjustment of standard IT products to a company's needs form one of the strengths of our IT specialization. Further information can be found at: <http://www.giepa.de>

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