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## **arvato systems Encrypts and Signs E-Mails with New Security Procedures**

*Totemo Secure Messaging Gateway TrustMail® used together with TC Enterprise ID and TC RootSigning*

**Hamburg, Germany – August 30, 2007** – Starting today, arvato systems GmbH will encrypt and sign e-mails with the Secure Messaging Gateway TrustMail® from the Swiss supplier, Totemo. TC TrustCenter GmbH provides the certificate for protecting external electronic communication as part of a Managed PKI solution. The certificates for internal communication are provided by a gateway and signed using TC RootSigning. Arvato systems is a subsidiary of arvato AG, the media and communications service provider of Bertelsmann AG. With around 1,500 employees, the service provider offers the full spectrum of information and telecommunications services: from consultation, conception, development and implementation to operation.

With the solution package, arvato systems can communicate with partners and other business contacts on a secure standard without requiring e-mail recipients to have encryption software or a certificate. This way, arvato systems removes the most critical barriers in the exchange of encrypted e-mails with the outside world and guarantees extremely trustworthy e-mail connections.

Despite increasing e-mail dangers, many companies are putting off installation of an encryption and signature solution. The reason for this is usually fear that their communication partner would not be able to decode incoming e-mails. To address this problem, TrustMail provides various solutions, which can each be adapted to the requirements of the user's system:

- If the recipient has a certificate that is present on Totemo's gateway, he can automatically decode the e-mail sent to him.
- If the addressee has no certificate or has one that is not recognized by the gateway, he automatically receives a message that an employee would like to communicate with him via encrypted e-mail. The solution package offers three methods for setting up the e-mail exchange:
  1. If the recipient has a certificate, he can make it available to the gateway by sending a signed e-mail to arvato systems GmbH. The gateway stores the certificate centrally for future e-mail traffic. Then it is automatically available for all employees who want to communicate with the recipient securely.
  2. If the recipient does not have his own certificate, he can issue one via the WebMail application and import it into his mail client. The public key of the issued certificate will also be stored centrally and will automatically be available for all further communication.
  3. If the recipient does not have a certificate and does not wish to apply for one, he can call up the e-mail of the sender using a WebMail application, which the gateway establishes via a secured SSL connection.

Totemo TrustMail has been installed as the central gateway at arvato systems. The employees' personal certificates, which TC TrustCenter provides with its Managed PKI solution TC Enterprise ID, are centrally stored on the gateway. The personal certificates allow employees to automatically sign and encrypt their outgoing e-mails via the gateway with no additional effort. This takes place with the help of predefined rules on the gateway, such as keywords like "confidential", or certain recipient groups. The affected employee does not need to make any manual adjustments to enable this. TC TrustCenter is accredited by the Federal Network Agency so that the certificates ensure the highest possible security.

The virus scanner installed on the gateway provides additional protection. Incoming and outgoing e-mails are briefly decoded, scanned for digital pests, then re-encrypted and resent.

The employees use the certificates issued by the certificate authority of Totemo TrustMail for internal communication use. These are signed by the TC RootSigning service and can then be automatically recognized and easily used in all external browsers.

“As one of the leading German IT service providers, it was especially important to provide trustworthy communication with our customers and partners by attaching a digital signature to all e-mails,” says Thomas Tenzler, Product Manager at arvato systems. “Unfortunately, online frauds are always discovering new methods for phishing or spear phishing attacks and other criminal schemes on the Internet. With the gateway solution from Totemo and the certificates from TC TrustCenter, we ensure that our customers can always trace which e-mails actually originate from us and that any sensitive information is protected.”

“We are happy that we could provide significantly added value for arvato systems with our gateway,” says Dario Perfettibile, CEO at Totemo. “We went with the certificates from TC TrustCenter because we had already successfully collaborated with them in other projects. With TrustMail, TC Enterprise ID and the TrustCenter’s managed services, arvato systems’ communication is in safe hands.”

#### **About Totemo AG**

Totemo AG was founded in September 2001 in Küsnacht near Zurich. From the very beginning, we have focused on developing a software product that enables our customers to communicate securely via e-mail (secure messaging), with the sender and recipient enjoying the customary ease of use, while at the same time communicating with complete transparency. Within the German-speaking countries, Totemo is meanwhile among the leading IT providers in the field of secure messaging. Highly satisfied customers from various industries attest to this success. Our product Totemo TrustMail® was developed entirely in-house by our very own software engineers and is “Made in Switzerland” through and through. All the development and product expertise remains pooled in the company. Our team focuses exclusively on secure messaging and distinguishes itself through its highly specialized skills and high level of expertise in addition to the indispensable attention to customer satisfaction. Totemo AG is a public limited company according to Swiss law. The share capital is fully paid in. The company is owned by the key staff, is self-financing and free of debt.

#### **About TC TrustCenter**

TC TrustCenter GmbH, a wholly owned subsidiary of ChosenSecurity, Inc., is a leading specialist for certificates and security solutions along the entire value chain of identity verification. The portfolio includes web security services for the protection of e-commerce transactions, managed security services, and complex PKI solutions including comprehensive consulting services. TC TrustCenter has experience in many national, international and global projects in various



industries for more than ten years. TC TrustCenter is an accredited certification service provider according to German signature law, European Signature Directive, IdenTrust and SISAC. For more information, please visit [www.trustcenter.de](http://www.trustcenter.de).

**About ChosenSecurity, Inc.**

ChosenSecurity, Inc. is a leading specialist in identity verification and security services that ensure safe and secure online communication and transactions. Since 1997, the company, previously a subsidiary of GeoTrust, has offered certificates and security solutions along the entire value chain of identity verification. The ChosenSecurity portfolio includes certificates that enable secure access to and encryption of transactions and data; technology for the reliable authentication of users, applications and computers; PKI and SmartCard solutions that secure access to corporate networks and applications; managed security services; and comprehensive consulting services. With thousands of customers across the globe and headquartered in Needham, MA, ChosenSecurity is a true leader of certification service providers at the forefront of identity management. For additional information, please visit [www.chosensecurity.com](http://www.chosensecurity.com).

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