



HORNETSECURITY

LPKF

Laser & Electronics

With over 40 years of experience and as one of the leading suppliers of laser-based solutions for the technology industry, LPKF knows that proper communication and the secure exchange of emails with its clients is essential. To ensure that the full potential of laser technology in a digital world can be realised in the future, the company relies on innovative IT security solutions.



-  **INDUSTRY** Mechanical engineering
-  **SERVICES** Spam and Malware Protection, Archiving & Email Encryption Service
-  **COMPANY SIZE** around 700 Employees
-  **WEBSITE** www.lpkf.com

INITIAL SITUATION

The micromachining systems produced by LPKF Laser & Electronics AG are among the best in the world – advanced technology that would be of interest to outside parties. This makes secure email communication absolutely vital to LPKF. The company had previously used PGP encryption technology to ensure that valuable knowledge contained in its emails remained protected. However, LPKF had become dissatisfied with this solution due to the complexity and effort of running and maintaining PGP. Since many of its business partners had also begun to use S/MIME encryption technology instead, LPKF decided to make the same change-over.

SOLUTION

Hornetsecurity's Email Encryption supports both S/MIME and PGP standards in addition to TLS encryption. Companies set individual policies to define what type of encryption should be used with which contacts. Certificates are managed automatically, and no further action is needed to ensure that all outgoing emails are encrypted and all incoming emails decrypted. Via "websafe", Hornetsecurity also facilitates secure communication with recipients who do not use encryption technology themselves.

RESULT

As LPKF was already using the Hornetsecurity Spam and Malware Protection and Archiving, only minimal effort was required to activate Email Encryption. All LPKF had to do was define the encryption policies, and Hornetsecurity took care of importing the necessary certificates. The actual process of activating Email Encryption, including certificate generation, was completed in just two days. Service has been running smoothly since then. "Using the new encryption service has minimised the amount of administration work that Email Encryption entails for us," says Benjamin Busjahn, IT systems & service manager at LPKF. "Our administrators can now concentrate fully on their day-to-day and project work." With websafe, the company can also establish email encryption with smaller customers and business partners. And Email Encryption has another point in its favour, as Mr Busjahn explains: "Encryption mechanisms in email communication vastly increase confidence in our business relationships."

"THE ENCRYPTION MECHANISMS IN OUR EMAIL COMMUNICATION TREMENDOUSLY INCREASE THE TRUST IN OUR BUSINESS RELATIONSHIPS."