

## Private Psychiatric Clinic Dr. med Kurt Fontheim embraces secure email communication

*Clinics, care homes and other health-care institutions are continuously communicating confidential patient data with insurance companies and government agencies. "We need to communicate with insurance companies and agencies using encrypted emails, even when the recipient doesn't own an S/MIME certificate or PGP key" explained Jörg Rösch, IT manager at the clinic.*



The private psychiatric clinic Dr. med. Kurt Fontheim includes a specialized clinic for Psychiatry and Psychotherapy as well as a care home for mentally ill patients in Goslar, Salzgitter and parts of the Wolfenbüttel region. The family business was founded in 1882 and is firmly rooted in the region. Today the clinic has 280 treatment courses for adults in various specialized departments. The clinic combines tradition and experience with modern methods – mentally ill patients and residents receive excellent and customized care.

### Secure Email in Healthcare

Patient records contain very personal and confidential information. In order to meet compliance requirements when exchanging data with health-care agencies and organizations, it is absolutely vital to use secure and encrypted emails. The challenge for Dr. med. Fontheim psychiatric clinic was that not all communication partners owned keys or certificates for PKI based email encryption. However it was important for the clinic to be able to communicate securely with these partners.

The solution from Zertificon impressed the Dr. med. Fontheim Clinic with its extensive set of features for password based email encryption. The simple administration and the fact that the users do not require any special IT knowledge or training all spoke in favor of the Z1 product. The quality of the solution was underscored by the list of satisfied reference clients who had similar requirements and infrastructures. In addition Zertificon's cost-benefit ratio was clearly better than the competitor's.

### Simple password based email encryption required

During the extensive research, a number of encryption solutions from diverse manufacturers were identified and evaluated.

### Z1 SecureMail Gateway delivers efficient Email encryption

The clinic selected the Z1 SecureMail Gateway extended with Z1 Messenger. The central server based solution delivers economic and efficient encryption for every email which leaves or enters the clinic. Alongside the S/MIME or OpenPGP encryption, the Z1 Messenger component enables secure and confidential communication without encryption keys. The Z1 Messenger extension guarantees that all sensitive data which is sent to communication partners is fully encrypted, even if the partner does not have any PKI technology. Passwords are used to fully replace the certificates and keys. After evaluating the email throughput and volume, the Z1 Appliance SMA 500 was selected as the hardware platform.



**Deployment and Use**

Zertificon's partner TELCAT MULTI-COM GmbH installed the Z1 Secure-Mail Gateway at the clinic and within six hours the solution was up and running. All employees were immediately able to send encrypted emails. Recipients without any PKI keys or certificates now receive password encrypted emails and are also able to send encrypted replies.

**Secure transfer of patient records**

"Thanks to the Z1 solution, we're able at last to use a platform independent solution to comply with all data protection laws when sending patient data to government agencies, hospitals and doctors. The Z1 Solution is perfect when we need to make information available quickly, easily and securely" summed up Jörg Rösch.



*Private psychiatric clinic Dr. med. Kurt Fontheim*