Case study: Medical service of Saarland police

Healthcare sector – Increased security thanks to HiCrypt™

The medical service of the Saarland police employs a team of employees as medical consultants, nursing staff and administrators. To protect all personal data against unauthorized third-party access the State police headquarters in Saarbrücken uses now the encryption solution HiCrypt™ of digitronic® located in Chemnitz.

Since especially personal and medical data are subject to most stringent data protection provisions, there is a need for particularly high safety standards. In the context of corporate restructuring the challenge was to store all medical data of police personnel electronically so that the authorized employees of the medical service can administer the data themselves, to satisfy the postulates to safeguard medical confidentiality.

This way it should be impossible for the administrators of the police to encounter accidentally or deliberately data content that relates to the health of their colleagues.

Mr. Kramer, who is responsible for the technical implementation of the project, selected in the first step two administrators of the medical service as "persons in charge of the keys" of HiCrypt™. He is glad that he does not have to carry this responsibility additionally in the future. The two administrators who so far carried the "hat of responsibility" manage the spare keys and can collect them anytime or give out new ones. For this reason the overall responsibility for the protection of medical data of all police personnel lies in the hands of the responsible persons."

HiCrypt™ is now for about a year in use. According to Krämer the installation has taken only a few minutes and could be carried out without problems. The support of the manufacturer was quick and competent.

Since a year, the employees of the medical service work with this program. Any "friction losses" cannot be reported. The program loads when the computer starts up, runs in the background unobtrusively and trouble-free. It is possible to access at anytime encrypted stored data sets without time delay, one and the same data set can be changed as often as necessary, encrypted, and edited again.

Mr. Kramer and his team are convinced:
"No absolute security exists, but we have done everything that is possible. The solution ensures that the medical data from police personnel can be managed securely and only be accessed by authorized persons."

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Published: March 2016
Updated: February 2021