

Chemicals –  
Database Protection

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20% of its costs by  
moving medical data into  
a central datacenter.“

Customer  
Case Study



# Customer Case Study

## Chemicals – Database Protection

On-Premises



- Cost saving of 20x by moving medical data into a central datacenter
- 8x Faster reaction time for medical emergencies

### Customer

International Chemicals Company

### Project

Database storage of sensitive PHI company data

### Problem

Our client, a specialty chemicals company with 33,000 employees and sales of €12.9 billion, has a diverse system landscape of **local and regional datacenters**. At the works medical service all doctors are personally liable for the security of the Personal Healthcare Information (PHI). In order to establish a high-performance emergency concept and reduce operational IT costs, the enterprise wants to move the medical data from 120 decentralized data hubs into **one central datacenter**. As a result, it needs to protect the **sensitive data of doctors and customers** in the database.

” The high-performance eperi Gateway encryption works alongside our existing and future database architecture while encrypting all restricted data formats. “

### Solution

With the eperi Gateway installed, the client is able to **encrypt sensitive data from multiple databases** before moving it into the central IT landscape. The system administrators do not have access to the plain text data. Any unauthorized usage of the data is prevented due to the installation of the eperi Gateway as the **middle layer between the doctor and the database landscape**.

