



## CONSIST PROJECT REFERENCE

# Critical data optimally supplied in everyday clinical work

### The story in brief

Everyday clinical work isn't just characterized by high medical quality requirements, but increasingly by legal ones as well. The topic of IT security already plays an important role in legislation governing hospitals and data protection. The second part of the BSI KRITIS regulation based on the IT Security Act, and the coming EU General Data Protection Regulation make this even more important. As a consequence much stricter data security requirements and tougher sanctions will be imposed

Since June 2017, larger hospitals, as the operators of critical infrastructure, are subject to the extended KRITIS regulation. Within two years, they will need to demonstrate compliance with minimum IT security standards and guarantee the protection of patient and employee data throughout their service processes. Workflows related to outsourced

services are an important part of this chain.

Klinikum Dortmund therefore implemented a system earlier than required that ensured the protection of patient data from external service providers. However, performance problems occurred over time as the integrated software required excessive resources. Together with the technical department, a team from Consist found a solution that prevented the theft of critical data while also saving resources (another demand of EU General Data Protection Regulation). All requirements of the new EU regulation are included.

### Customer quote

*„By moving to ObservelT, we were able to resolve blockages in the system, which significantly accelera-*

*ted data flow, among other things. Our collaboration with Consist was efficient and uncomplicated.“*

**J. Pietschmann, Domain-Administrator at Klinikum Dortmund GmbH**



### About Klinikum Dortmund

Klinikum Dortmund is the largest hospital in North Rhine-Westphalia. This maximum care hospital consists of a total of 25 clinics, five institutes, 1,422 beds, 4,000 employees, and over 245,000 patients per year. As an academic teaching hospital belonging to the University of Münster, it is not only for research and teaching, but also open to innovative ideas such as a second-opinion center or a patient college.



### The task

- ◆ Recording and logging of service activities by external service providers
- ◆ Preventing the theft of critical data in compliance with current legal requirements
- ◆ Increased server performance after restriction by preceding security system

### The challenge

- ◆ Multiple external IT service providers have access to database servers
- ◆ Existing monitoring software reduced the performance of the servers and made maintenance support by external service providers more difficult
- ◆ Securing the entire IT system, also in accordance with the new EU General Data Protection Regulation and observing the

increased KRITIS requirements while simultaneously preserving access rights

- ◆ Real-time monitoring with immediate notification options
- ◆ Integration of a data protection solution that is simultaneously resource-friendly and traceable

### The solution with Consist

- ◆ High-performance database security solution based on ObservIT, which is simple to integrate into the hospital's restrictive user permission restrictions
- ◆ Integration of a forensic and risk management solution that exclusively logs pure user actions and not unnecessary metadata. The result is lower storage requirements than for comparable solutions
- ◆ Relies on existing Windows operating systems (server and desktop) and Citrix systems

### Particular strengths of Consist

- ◆ Uncomplicated support in the implementation and configuration of the system
- ◆ Outstanding expertise in consulting and the implementation of IT security solutions for KRITIS companies
- ◆ Know-how in all the surrounding technologies

### Customer advantages

- ◆ Demonstrable compliance of security processes in accordance with the EU General Data Protection Regulation
- ◆ Security system working in real time while still using hardware resources sparingly
- ◆ Easy-to-understand, slim administration that makes time-saving handling possible
- ◆ Performance increase after implementation is complete

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