



D. Krieg
Anwendungssoftware

» SRH Zentralklinikum Suhl gGmbH

With 666 beds, 20 medical departments, 16 clinics and two institutes, the SRH Zentralklinikum Suhl is now the largest hospital in southern Thuringia. Each year the facility treats around 25,000 patients. As the teaching hospital of the Friedrich-Schiller University in Jena, the facility has also committed itself to the education of trainee medical staff. The Zentralklinikum Suhl has also made a name for itself in the field of research. Together with the Frankfurt/Main University hospital it is currently conducting a study into the effectiveness of treating cardiac patients with their own stem cells.

Alongside the use of the employee card in the new building the concept should include its use in the remaining old buildings. The employee ID card can be used for lots of applications. Security aspects and efficient patient medical care are amongst the most fundamental topics within the hospital.

The Challenge. A multifunctional employee ID card should be introduced that combines the old access-control and time-registration systems installed up until now and also offers the possibility for developing new applications in the future. The guaranteed future of the ID card solution was a crucial criterion in the choice of supplier. As was the case up to now, access to certain areas of the hospital should be electronically secured and only permitted to selected employees, patients and visitors. These areas include intensive care medicine, the child and youth centre with newborn ward as well as certain functional areas. Time-registration for doctors, nurses, business, administration and technical staff should occur using the same card as for car park management.

Access to the medical applications within the Hospital Information System, in particular via the bedside HiMed Multimedia Cockpit would be possible using this ID card.

In order to enable visual control in the hospital, a photo of the employee should be a part of the ID card.

Hospital executives wanted to make it possible for the employees to only need to carry one employee ID card instead of lots of different keys and cards; this reduces the administrative effort and at the same time increases the acceptance of such a communication medium.

References with HiPath

Employee ID Card: One card for many applications supports optimal processes

www.siemens.de/solutionprovider

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The Solution. The workers council and operational data protection officer within the hospital were involved right from the first idea for a multifunctional employee ID card, and therefore the interests of the workforce and legislators were taken into account from early on. The solution for a multifunctional chip-card solution with non-contact transponder was quickly developed. Within this the applications access control, time-registration and car park management via a non-contact chip were realized, along with access to the electronic patient record via a smartcard based chip with Siemens system software CardOS. With this solution the highest security demands of the German signature law were met. It is compatible with relevant chip-card standards, also outside of Germany. The central card administration will be carried out by the human resources department, as will the printing of the card. The card rights will be allocated according to the work and service tasks arranged in contracts.

The Benefit. With the introduction of this smartcard based employee ID card SRH Zentralklinikum Suhl gGmbH meets demands for increased security. An important advantage of this solution is that the card authorizations can be changed quickly if necessary. "If a card should inadvertently go missing, it can be blocked in no time at all – also from a distance and without the employee concerned having to move. New restricted access areas can also be set up easily and with immediate effect, which further optimizes the process flows in our hospital", Dr. Peter Schneider, deputy managing director.

The new system also creates more transparency as it is immediately apparent who has which authorizations. Also when an employee ID card is returned following a personnel change, all authorizations can be deleted in seconds. With this concept – a multifunctional employee ID card for many applications – we have provided a big cost advantage. Instead of multiple cards and the associated high material costs and administrative expenses, we reduce the number and the system will be quicker, securer and also increase employee motivation", continues Dr. Peter Schneider.

With this employee ID card the clinic is also creating a great starting basis with regards to additional applications. For example non-cash services (canteen, hairdresser, café-shop) could also be included, as well as the purchase of medicine by staff in the in-house pharmacy. "In the future we could also bring up each employee's individual Windows desktop by the respective staff member inserting their employee ID card and entering a PIN. The employee must then only remember a PIN and no longer lots of passwords for each of the different applications. This will increase security once again and noticeably lighten the workload for the employee", says Gert Knoll, the hospital's data protection specialist.

Our Offer:

- Consultation, planning and realization of multifunctional employee ID cards. Use of our own chip-card hardware with high performance Infineon chips and our own high-end-system software CardOS
- Integration of the solution into existing customer processes
- Consultation, planning and realization of further communication solutions for healthcare such as WLAN / IP in communication and data networks, HiMed multimedia cockpit for entertainment and process improvement as well as integrated supply concepts
- Installation, maintenance and operation of the entire communication infrastructure

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Dr. Peter Schneider
deputy managing director of SRH Zentralklinikum Suhl gGmbH



SRH Zentralklinikum Suhl

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