

High-performing, reliable, and protective of the environment:

The St. Marien clinic revamps their IT with SCENIC Green PC's and PRIMERGY servers



→ The Customer

St. Marien Clinic,
Amberg/Germany

→ The Project

IT modernization
with the goal of
greater reliability
of the server and
workplace systems

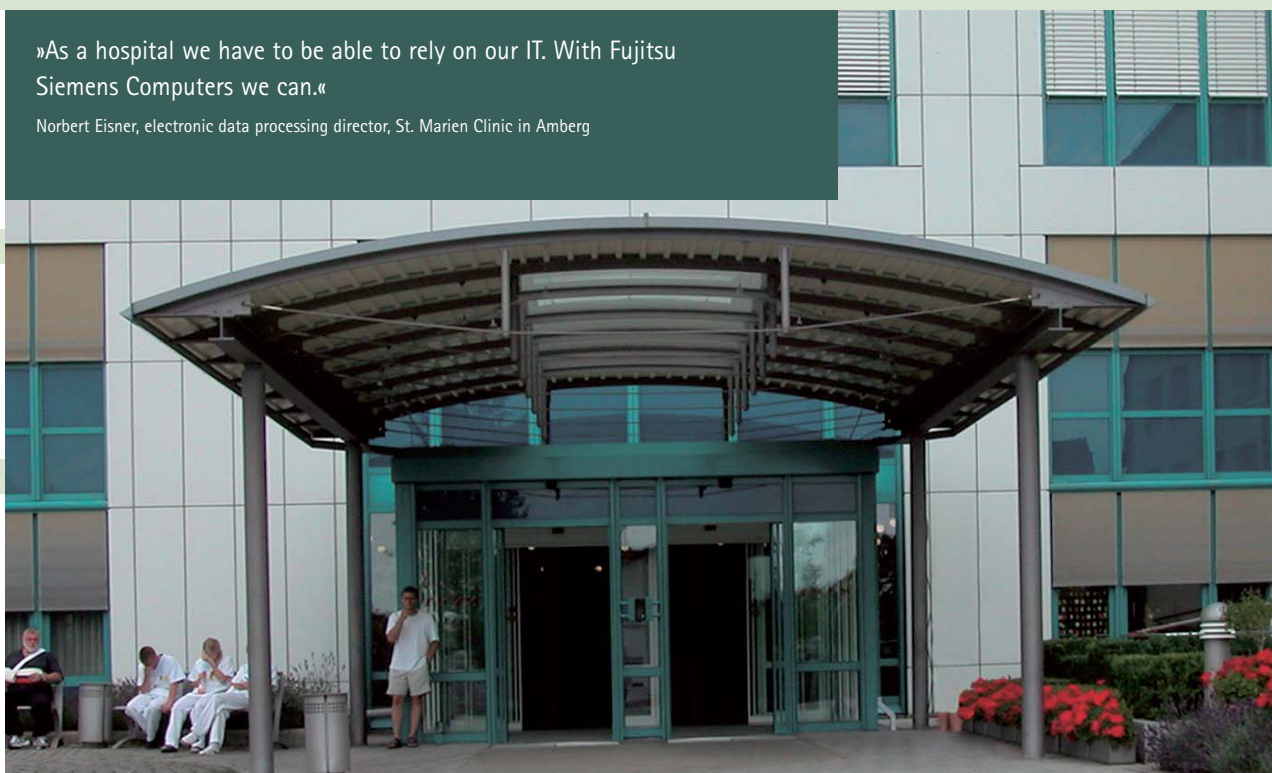
→ The Solution

Introduction of
SCENIC E Green PC's
with 17 inch TFT
monitors,
PRIMERGY RX600
servers, 36 months
on-site service

Partner: Arados
EDV-Beratung GmbH

»As a hospital we have to be able to rely on our IT. With Fujitsu Siemens Computers we can.«

Norbert Eisner, electronic data processing director, St. Marien Clinic in Amberg



High-quality care and a responsible use of environmental resources characterize the activity of St. Marien Clinic. In all areas of that activity. The proof is the recently completed IT modernization, for which the hospital selected the brand name quality of Fujitsu Siemens Computers and the comprehensive service provided by their partner Arados GmbH. Almost 300 SCENIC E Green PC's and a PRIMERGY RX600 4-way rack server were introduced for the hospital administration and operation of the database.

A few facts about the St. Marien Clinic

The city of Amberg is the sponsor of the 540 bed hospital. With more than 1,300 employees the regional organization offers patients specialized care in many areas. The clinic attaches great value to providing the best doctor and nursing care for the patients. This is guaranteed by the high professional competence of the personnel, which is also reflected by the fact that

the St. Marien Clinic is the teaching hospital for the Friedrich-Alexander-University of Erlangen-Nuremberg and the University of Regensburg. Additional cornerstones of the superb care are the most modern diagnostic and therapeutic facilities and the recently installed IT infrastructure from Fujitsu Siemens Computers.



Diagnosis: Deficient reliability

The responsible individuals at the St. Marien Clinic know only too well how decisive performance and reliability are. After all the hospital has a special responsibility for their patients. In order to measure up to this responsibility at all times, everything must be in place: the professional competence of the doctors, nurses and other employees, but also work conditions with the most modern facilities. While the clinic has exceptional diagnostic and therapeutic equipment, there was room for improvement with the IT infrastructure. The workplace systems were not up to the current standards. Their reliability left even more to be desired. Extended down time, interruption of work processes, low productivity and high maintenance costs were the outcome.

Therapy: Brand name quality

The St. Marien Clinic wanted to avoid such problems in the future. The new IT had to be made by a manufacturer that could provide a high level of security and assume responsibility for the complete life cycle of his products—from design and production, through the life-span term of operation to final recycling. Next to the technology per se, the IT decision makers in the hospital were especially keen on an environmentally compatible concept and a comprehensive service offer. They found all of the above with Fujitsu Siemens Computers and their on-site partner, the Arados EDV-Beratung GmbH. The clinic selected the SCENIC E Green PC for hospital wide deployment on almost 300 workplaces, a system which in terms of technology, ergonomics and environmental compatibility is a pace setter. For example, for efficiency the Green PC features the latest Hyper-Threading technology, which optimizes the power of the high-performance Intel® Celeron® processor. Extensive security mechanisms, LAN on board, or the many interfaces make the SCENIC E Green PC at the

same time the ideal tool in company networks. The product concept has won many awards, whereby the lead-free circuit board, halogen-free housing plastic and molded plastic parts, the extremely low noise level, innovative energy saving functions and resource sparing production are reasons why the Green PC received the "The Blue Angel" environmental award, while the manufacturing process received the Industrial Excellence Award in 2003. In addition, the hospital has recently started using a 4-way PRIMERGY RX600 rack server with two Intel® Xeon™ MP processors and 2 GB of working memory for the operation of local procedures of the Agency for Community Data Processing (AKDB) and the Oracle database. The system, which can be expanded to four processors and 16 GB working memory, offers not only ample performance reserves for the future. Above all it is extremely reliable, which among other things is guaranteed by an integrated RAID controller, onboard remote management and hot spare components.

→ The solution at a glance

- Workplaces: 295 SCENIC E Green PC's and Silverline 17-inch TFT monitors
- Servers: PRIMERGY RX600
- Operating system: Microsoft® Windows® 2003
- Task: Local procedures of AKDB
- Database: Oracle Database 9i
- Service: 36 months on-site

→ Advantages for the St. Marien Clinic

- Efficient, flexibly expandable IT
- High reliability with brand name quality plus on-site service
- Higher protection for the investment

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