



Hospital Trstena (SK): IHIS - Integrated Hospital Information System

The customer

NsP Trstená (Hospital with Polyclinic in Trstená) has 12 inpatient and 4 outpatient wards and provides medical care for approximately 70000 inhabitants in the four districts of the Orava region, which includes the tourist centres of Roháčce, Oravská dam and Oravice. Because of its location close to border, the hospital can provide acute care and services for domestic and foreign tourists. VÚC Žilina has provided financial backing for the hospital since 1 January 2003. In 2004, the NsP Trstená was one of the first hospitals in Slovakia to gain ISO 9001 quality certification.

The challenge

In 2005, Trstená Hospital realised it needed to meet increasing requirements by health insurance companies for provision of medical and statistical data. So in August 2005, the hospital issued invitation for bids for selection of an information system supplier and S&T won this tender. Most of the Euro 530,000 required for the project came from European Union structural funds and from the Slovakian national budget.

The project

Starting in June 2006, implementation of the IHIS took place in several stages and took about a year. Working together with subcontractors, S&T Slovakia developed an integrated IT infrastructure including networks, a camera monitoring system, a cluster server system and a system for storing hospital data. It also provided individual departments and divisions with computers from very reputable manufacturers. In addition, S&T Slovakia

gave the hospital a solution for safe Internet connection, electronic mail administration and administration of servers and computers connected to the IHIS and developed an intraweb portal for the hospital. Integrated technical service and support for the next two years also forms part of the contract. The IHIS is unique because it meets the needs of all areas of the hospital, i.e. medicine, business management, administration and payroll, as well as protection of property. In a subcontracting arrangement, STAPRO Slovensko provided the NIS MEDEA hospital information system. Individual modules of this information system correspond to the requirements of the National Register of Hospital Patients, inpatient wards, operating rooms, RTGs (radioisotope thermoelectric generators), pharmacies, laboratories, catering and haematology. The IHIS also includes an information system for managing registration orders, business and management.

The main advantage for patients is high quality health documentation. Records are kept electronically and all doctors have access to the records. Therefore patients will not need to be re-examined just because someone forgot to file records.

Benefit for the customer

- improved reporting procedures
- faster and higher quality information flow between departments
- transparent recording of costs
- easier reporting to health insurance companies
- high quality health documentation

„When we decided on this project, none of the hospitals in Slovakia had a similar integrated system covering all the mentioned areas.“

Dušan Šurina, Deputy Director of Economic & Technical Department, Hospital Trstená.

S&T Slovakia

S&T Slovakia was founded in 1993 and is today one of the most important suppliers of integrated solutions in the area of information technologies in Slovakia. The company provides its customers with IT solutions including analysis of their needs, creation of strategy, delivery and implementation of technologies, consulting services, training, service and project funding. In 2005, S&T took over SAP specialist company VARIAS, which has a focus on system integration and implementation of SAP R/3 information systems and mySAP Business Suite solutions. S&T Slovakia currently has around 150 employees in four cities, Bratislava, Zilina, Banska Bystrica and Kosice.

S&T Slovakia belongs to the S&T Group, which, with more than 3,100 employees in 22 countries and annual sales in 2007 of 522,2 million Euro, is the leading provider of IT consultancy, solutions and services for customers in Central and Eastern Europe, in the Germany-Austria-Switzerland (DACH) region and in China and Japan.

Bratislava - Zilina - Banska Bystrica - Kosice

Head Office: S&T Slovakia, sopl.s.r.o., Apollo Business Center, Mlynské nivy 43A, 821 09 Bratislava 2, Slovakia, Phone: + 421 2 582 73 111, Fax: + 421 2 582 73 212, E-Mail: snt@snt.sk