



» Future-proof communication solutions for efficient hospital management «

HiPath Healthcare Solutions

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SIEMENS

» Seamless dataflow for maximum efficiency «

HiPath Healthcare Solutions optimize processes by the use of specialized software and appropriate multimedia terminals which are suitable not only for providing bedside TV/Multimedia entertainment, but also for the retrieval of digital images: no paper, no fetching and carrying of x-rays, no duplicated recording of data.

- HiMed – acclaimed for effortless and cost-effective billing without administrative costs. Apart from telephone usage, other services can be used and conveniently paid for via the HiMed card at the automatic payment machine. This opens up new sources of revenue that will quickly bring a return on your investment.
- The HiMed Cockpit is a bedside console offering multimedia services for patients (telephone, TV/DVD, radio, Internet, Intranet, nurse call). For the medical staff the Cockpit also provides secure access to electronic patient data. Our multimedia applications make for more satisfied patients and a more optimized workflow.
- Real-time access to patient records ensures prompt diagnosis and shorter treatment times, with mobile access available via wireless LAN and portable devices.
- Cordless telephones instead of pagers and an intelligent alarm system make life easier for your staff. The HiPath DAKS alarm system simultaneously alerts and informs all key personnel by cordless phone.
- HiPath Security card solutions – security and protection for sensitive patient records and locations. From medical applications to laboratories and offices, reliable security of access and entry is provided. In future, the electronic health card or another method with an appropriate telematic infrastructure will result in even greater transparency and more efficient treatment for patients and hospital management.
- Call Center solutions make your telephone switchboard efficient and patientfriendly.
- HiCall – the ultimate call system for retirement homes.
- The modular HiPath 4000/8000 real-time IP systems offer the economic advantages of IP-based multimedia communication. Introducing a convergence solution step by step will protect your investment.
- Medical Systems Integration – fulfills your highest expectations with regard to system integration in your hospital. Optimum coordination and interaction of infrastructure, security systems and applications is a prerequisite for a highly efficient workflow.
- Medical portals facilitate better and more cost-effective patient treatment and optimized workflow for a network of hospitals and doctors. The secure transmission of patient data by means of virtual private networks (VPN) permits a fast and reliable exchange of information which can save lives in emergencies.
- HiPath Managed Services look after your network and simplify the financing options, for example with contract agreements tailored to your needs. This will allow you to concentrate on your core business and provide even better care for your patients.

» A consistent flow of data – from patient arrival, through admission, to rehabilitation – reduces administrative costs and errors. In this way, everyone benefits from shorter waiting times and treatment cycles, greater comfort and convenience.

Design a hospital of the future.

Siemens has it all.

Siemens – because no one has more experience in the health and medical sector.



No other supplier can offer you a comparable range of solutions for the health-care and medical sector. Over and above the communication solutions, we provide a broad spectrum of medical and building technology solutions.

Siemens offers a full service portfolio.

We are among the few suppliers who combine all aspects of high technology and associated services under one roof. Expert consulting, project management, financing, implementation, support and maintenance – we accompany your solution every step of the way throughout its life cycle.

24-hour on-site service.

Our qualified engineers can reach you in the shortest possible time to clear a fault before the threat of a more serious failure arises.



» Win the battle against rising costs and tighter budgets «

HiPath Healthcare Solutions is the comprehensive solution package for greater quality and economy in the hospital sector. By using the latest, proven technologies that cover every process, you noticeably reduce the strain on both staff and budget.

We offer HiPath Healthcare Solutions that optimize productivity and quality in your hospital in a modern, integrated healthcare system:

- Integration of administrative and medical applications for optimum workflow efficiency.
- Communication solutions and smart card technology for secure storage and communication of sensitive data.
- Services ranging from process consulting, planning and implementation through to managed services.



High-tech applications can save lives.

The Galway Clinic chose Siemens to combine first-class service with next-generation IT communication. The University of Munich Hospital at Grosshadern entrusted Siemens with providing a security solution for its state-of-the-art information portal.

Two examples of the growing number of hospitals and other healthcare facilities that offer patients better service and reduce the workload for staff and management by using the latest communication technology from Siemens.

Galway Clinic, Ireland: Patients and staff alike benefit from a comprehensive Siemens solution.

In the recently opened 100-bed hospital, a fully integrated network has been installed with numerous innovative applications. But what really makes the difference is the fact that, thanks to the integration with the clinic information system, patient data is immediately available on every PC and, most conveniently, on the HiMed Cockpit bedside consoles. James Sheehan, developer and project manager of the Galway Clinic, claims that "workflow is more efficient, internal procedures are tighter, satisfaction among patients is higher, while the length of stay is reduced – all without any adverse effects on the budget." The DAKS alarm server has also proven to be extremely successful: it summons doctors and nurses via cordless telephones in the shortest possible time with one simultaneous call – vital for a cardiac unit. The communication solutions are supplemented by Siemens medical technology, making the Galway Clinic the most technically advanced hospital in Ireland today.

University of Munich Hospital, Munich-Grosshadern, Germany: optimum security solution for the telemedicine portal of the future.

Together with the German Ministry of Science, the renowned University Hospital has developed a telemedicine portal which helps doctors, hospitals and rehabilitation clinics to optimize everyday working practices and patient care. The results of image-intensive diagnostic procedures such as CT scanning, x-ray, cardiac catheterization, etc. are made available via the Internet. This involves sending confidential patient data via the public network, so Siemens has set up a virtual private network (VPN) or extranet for extremely secure, encrypted communication via the Internet. Authorized users authenticate themselves by means of a smart card based on the HiPath S1curity CardOS operating system. In addition to economic benefits, the solution offers decisive improvements for the patients: Greater reliability of diagnosis and faster generation of results can have life-saving implications in emergencies.

Your success is the focus of everything we do at **Siemens Communications**. We work together with you to develop powerful communication solutions that help you achieve your business goals. Take advantage of our proven experience, innovation power and implementation skills in all key areas of voice and data communication.

As a leading provider of communication solutions for mobile, fixed and enterprise networks worldwide, we constantly strive to make communication easier and more efficient. Thus we are setting the trends for a communication environment that fosters your success – today and in the future.

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