

## Siemens IoT technology to make Kantonsspital Baden one of Switzerland's smartest hospitals

- **Customized IoT smart hospital platform with 2,000 asset tags and 7,000 IoT sensors improves patient experience and optimizes operations at Kantonsspital Baden**
- **Open platform, part of Siemens Xcelerator, enables development, setup, and scaling of additional use cases**
- **Siemens has supplied an app-based navigation system to help patients and staff find their way around the hospital**
- **Real-time location services allow staff to locate critical assets, saving time and increasing operational efficiency**

Partnering with Kantonsspital Baden (KSB) in Switzerland, Siemens Smart Infrastructure will deploy technologies and digital services from the Siemens Xcelerator portfolio to create one of the country's smartest hospitals. The project, a demand-driven, customized Internet of Things (IoT) platform with over 7,000 IoT sensors, will ensure a user-centric patient experience, improved patient care, increased energy efficiency, and optimized operations.

The open digital business platform Siemens Xcelerator enables customers to accelerate their digital transformation easier, faster and at scale. The smart hospital platform, which is part of its portfolio, supports the creation of smart hospitals through a collaborative development approach that reduces the complexity of digital transformation. The platform brings together multiple data streams from the new KSB building, which is scheduled to open in early 2025, and its users.

To improve patient experience, Siemens is installing a navigation system for a specially developed app. The solution makes it easier for patients to find treatment rooms and other locations on the extensive hospital campus, including cafés and public transport stops. This will reduce wait times and increase the hospital's treatment capacity.

In addition, Siemens is also deploying 2,000 smart tags in KSB, which are assigned to the most crucial assets, such as hospital beds, wheelchairs and other medical equipment, and connected to the Smart Hospital Platform. According to the global advisory firm Frost & Sullivan, in healthcare facilities without real-time location services (RTLS), staff spend 72 minutes on average per shift searching for equipment. RTLS and a dedicated application ensure transparency and make it easy for staff to locate these items, while increasing productivity. Ultimately, the solution ensures a positive effect on the speed and quality of patient care.

“Siemens is an excellent partner to support our vision of becoming the leading smart hospital in Switzerland,” said Adrian Schmitter, CEO of Kantonsspital Baden. “As part of our technology partnership, Siemens and KSB are working together to drive the digital transformation of hospitals in order to create the best possible conditions for patient recovery and the ideal working environment for our employees.”

“The healthcare sector presents a number of interesting opportunities for digitalization,” said Janina Beilner, Senior Vice President Healthcare at Siemens Smart Infrastructure. “How can we make best use of technologies to support our customers on their digital transformation journey, to improve hospital processes and optimize clinical workflows? Our approach, developed in close cooperation with customers, uses digital tools and services to build an IoT platform in which solutions to specific challenges can be tailored, added, and scaled as they arise. It is the perfect example of our Siemens Xcelerator ecosystem at work.”

In addition, KSB has access to Siemens' building technology portfolio, including the Desigo CC building management system, Desigo room automation, fire safety solutions, and automation of primary systems. The use of Building Information Modeling (BIM) allowed the planning process to be managed efficiently.

This press release as well as a press pictures are available [here](#).

For more information on Siemens Smart Infrastructure, please see [Siemens Smart Infrastructure](#).

Follow us on X at: [www.x.com/siemens\\_press](http://www.x.com/siemens_press), [www.x.com/siemensinfra](http://www.x.com/siemensinfra)

### Contact for journalists:

Siemens Smart Infrastructure

Maike Wagner

Phone: +41 79 448 9214; E-mail: [maike.wagner@siemens.com](mailto:maike.wagner@siemens.com)

**Siemens Smart Infrastructure (SI)** is shaping the market for intelligent, adaptive infrastructure for today and the future. It addresses the pressing challenges of urbanization and climate change by connecting energy systems, buildings, and industries. SI provides customers with a comprehensive end-to-end portfolio from a single source – with products, systems, solutions, and services from the point of power generation all the way to consumption. With an increasingly digitalized ecosystem, it helps customers thrive and communities progress while contributing toward protecting the planet. Siemens Smart Infrastructure has its global headquarters in Zug, Switzerland. As of September 30, 2023, the business had around 75,000 employees worldwide.

**Siemens AG** (Berlin and Munich) is a leading technology company focused on industry, infrastructure, mobility, and healthcare. The company's purpose is to create technology to transform the everyday, for everyone. By combining the real and the digital worlds, Siemens empowers customers to accelerate their digital and sustainability transformations, making factories more efficient, cities more livable, and transportation more sustainable. Siemens also owns a majority stake in the publicly listed company, Siemens Healthineers, a leading global medical technology provider shaping the future of healthcare.

In fiscal 2023, which ended on September 30, 2023, the Siemens Group generated revenue of €74.9 billion and net income of €8.5 billion. As of September 30, 2023, the company employed around 305,000 people worldwide on the basis of continuing operations. Further information is available on the Internet at [www.siemens.com](http://www.siemens.com).

**Kantonsspital Baden**, whose roots date back to 1349, has always been a place of health. In 2023, around 22,000 inpatients have been treated and more than 340,000 outpatient consultations were carried out. Patients rate the quality of treatment at 4.7 out of a possible 5 points. In fall 2023, the business magazine Bilanz included KSB in its list of Switzerland's top innovators, while it has been honored with the "Digital Excellence Award" by ICT Switzerland. It also received the "Best Employer" seal of approval four times in a row from Handelszeitung, LeTemps and Statista. KSB AG, which is owned by the Canton of Aargau, employs around 3,500 people in total.