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SAUTER Switzerland brings Smart Spaces to life at Swissbau 2022

At the leading trade fair for the Swiss construction and real estate industry, SAUTER will be showing how digital solutions in buildings contribute to a positive user experience and at the same time benefit the management. From smart multi-sensors to building management and integration platforms, SAUTER can showcase solutions and products for Smart Spaces. Other product highlights at the fair include cloud-based services that enable the efficient operation of buildings.



Illustration of the SAUTER Switzerland stand at Swissbau 2022

Experience the possibilities of a smart building!

The demand for smart building solutions is continuously increasing. This development is largely driven by intelligent room automation, which is used to achieve a high level of user comfort. In addition to building functions such as heating, cooling and shading, there is increasing demand for options such as demand-based cleaning and maintenance, intelligent asset tracking and indoor navigation.

With over 100 years of experience, SAUTER is one of the leading solution providers for building automation technology and integrated room automation. IoT-capable field devices, automation systems (modulo product family) and software solutions from SAUTER form the backbone of digital buildings. “The know-how for integrating sensor data is a crucial component for cost-saving and resource-efficient management of smart buildings,” says André Widmer, CEO of Sauter Building Control Switzerland AG. “This expertise enables SAUTER to present our customers with a modular system for an all-round digital experience.” At

Swissbau 2022, SAUTER is inviting visitors to take a virtual tour of its “Smart Spaces”, which will demonstrate the possibilities of digital building and room automation. Using different example spaces such as reception areas, offices and meeting rooms, the digital user journey through the building can be experienced at the exhibition stand. At the same time, it will be demonstrated how building operators can benefit from energy and cost efficiency.

Selected highlights

When it comes to room automation in smart buildings, multifunctional devices that can be networked to form a system are a compelling proposition. This is why SAUTER is adding the viaSens smart multi-sensor to its product range. The sensor measures temperature, humidity, air quality (VOC), presence of people, light intensity and noise level. It communicates with Bluetooth Low Energy in a mesh network and integrates as an IoT device with MQTT into the building and room automation system (modulo / ecos). The integrated iBeacon enables localisation and thus selective room operation via a smartphone. By using a freely configurable LED ring, the sensor provides feedback to users on the air quality, room occupancy, cleaning requirements and more.

The increasing networking of functionalities and devices not only creates user enjoyment, it often makes comprehensive building management technically more complex. For this reason, software used for the operation and visualisation should have three essential properties to ensure resource-optimised operation: It should be continuously adjusted to new requirements, be customisable, and have intuitive, clear, efficient operation. With this in mind, SAUTER is constantly developing the tried-and-tested management and operating level SAUTER Vision Center (SVC). The latest generation of the HTML5-based solution is the ideal integration platform for Smart Spaces and, as a Building Intelligence Hub, it forms the core of a digital building: version 7 includes a comprehensive energy management and analytics module. It also has dashboards that are reduced to the essentials and can be customised, allowing a quick overview of even larger building complexes or properties – providing optimum usage of the smart building.

Cloud solutions for real estate management

Digitalisation trends are even further-reaching. The development towards digital services with the support of cloud applications also plays a decisive role in the building sector. Even now, analysis programs coupled with artificial intelligence can automatically evaluate the data from many devices and regulate systems predictively using the knowledge gained. The goal of this process, which the SAUTER Group has also been promoting for several years, is the self-optimising building. For example, SAUTER has already developed intelligent devices

such as the Smart Actuator, which integrates itself as an IoT device into the SAUTER Cloud via the internet and executes control algorithms locally for optimum building operation.

As a digital service in the SAUTER Cloud, SAUTER customers now also have access to Remote Management. Specialists can use the system via secure access to assigned applications. Authorisation is assigned in the cloud. SAUTER Digital Services also include a Customer Portal that provides higher-level information about buildings or entire properties. It provides status information on the operation, alarms, and services such as planned maintenance, repairs and associated reports. In addition, maintenance logs, contract information and the latest invoices can always be accessed directly in the portal or via download. Another digital service, Performance Management, helps to consolidate operational information and identify potential for optimisation using analytics.

Swissbau: essential trade fair for the Swiss construction and real estate industry

Swissbau is an important meeting place for decision-makers and trade visitors from Switzerland and the surrounding region. Physical participation as an exhibitor, supplemented with virtual opportunities for product presentation, provides SAUTER Switzerland with ideal conditions. André Widmer: "We look forward to personal exchanges with customers and partners. The transfer of know-how and the joint further development of our solutions is crucial for our industry. As the trade fair slogan says, Swissbau brings everything together. I expect this to lead to deeper customer relationships and a dialogue across company boundaries."

Visitors to Swissbau can find out more about SAUTER's products and solutions at Stand A26 in Hall 1.1.

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SAUTER Switzerland

SAUTER Switzerland, with its headquarters in Basel, is an independent company (est. 1998) of the SAUTER Group (est. 1910) and offers products, expertise and solutions for building management and room automation throughout the entire building life cycle. In combination with the Group's headquarters, we now have 350 employees at our Basel site. SAUTER's products are distinguished by Swiss quality and cover the four product areas: Systems, Components, Services and Facility Management, and they stand for all-round

expertise. With our various subsidiaries and partner companies, we develop and sell innovative system solutions, increase energy efficiency, and sustainably secure the living spaces of the future.