07 March 2017

**Digital building planning with SAUTER BIM products**

*SAUTER products are also immediately available for digital building planning - Building Information Modelling (BIM). At bim.sauter-controls.com the model data can be directly downloaded for specific products and in the standard Revit and IFC4 formats.*

When planning large projects, these days planners, architects and builders are increasingly using the BIM digital method, which models and captures all of the data for a building over its entire life cycle. This enables better planning security and optimises the productivity of the building work as regards costs, scheduling and quality. BIM also provides the basis for future expansion, maintenance, renovation, dismantling and disposal. The new SAUTER BIM library allows planners to now incorporate SAUTER products directly into the model creation and thus achieve maximum planning precision.

**Easy, clear and open**

SAUTER has got together with an expert in the field of BIM libraries to create a market-friendly solution for preparing the BIM product data. The SAUTER BIM models can be searched for and called up both directly using the BIM library (bim.sauter-controls.com) and the familiar product navigation of the SAUTER corporate website. The BIM data can be downloaded – directly and without plug-ins – as an entire catalogue or individually and for particular products.

With Revit and IFC4, the SAUTER BIM library provides all data formats relevant to the market. While Revit is the format currently used most frequently, SAUTER also decided to offer format IFC4, which is an open, manufacturer-neutral standard that can be used universally and offers the user maximum flexibility. SAUTER is therefore taking a route that was formerly the preserve of just a few manufacturers. Based on the company’s good experience with the BACnet (Building Automation Control Network) open communication standard, SAUTER was determined to also use the open IFC4 standard with BIM.

Alongside downloading BIM product data, the SAUTER BIM library also offers various options to search for and compare products according to properties and specifications.

**Building on experience**

When implementing the BIM library, SAUTER also benefited from the experience that it had gathered through participation in the “eeEmbedded” project. Working together with 14 research institutes and companies from eight countries, SAUTER has been testing holistic models for simulating and planning energy-efficient buildings for 3.5 years.

****

*As a leading provider of solutions for building automation technology in Green Buildings, SAUTER provides pleasant conditions and a sense of well-being in sustainable environments. SAUTER is a specialist in developing, producing and marketing products and systems for energy-efficient total solutions, and offers a comprehensive range of services to ensure the energy-optimised operation of buildings. Our products, solutions and services enable high energy efficiency throughout the entire life-cycle of a building, from planning and construction through to operation, in office and administrative buildings, research and educational facilities, hospitals, industrial buildings and laboratories, airports, leisure facilities, hotels and data centres. With over 100 years’ experience and a track record of technological expertise, SAUTER is a proven system integrator that stands for continuous innovation and Swiss quality. SAUTER provides users and operators with an overview of energy flows and consumption, and of the development of the costs involved.*

The SAUTER Group

* An international corporation with its headquarters in Basel, Switzerland
* Founded in 1910, it can rely on more than 100 years of tradition and experience
* With more than 2,300 employees, it is present and active globally
* Complete building management solutions from a single source Focusing on maximum energy efficiency and sustainability
* Safeguarding investments and operational reliability throughout the life-cycle of a building
* Technology leader in the building automation and system integration sector
* Member of eu.bac, BACnet Interest Group (BIG-EU), BACnet International, EnOcean Alliance
* Impressive references at www.sauter-controls.com