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SAUTER EMS cuts energy consumption by up to 40%

SAUTER's new EMS (Energy Management Solution) software makes the energy consumption in buildings 'visible', which helps the operator to identify the energy-saving potential, reduce emissions and keeps costs under control. This is fully in keeping with SAUTER's commitment towards the customer and the environment.

In view of the growing scarcity of resources and the rise in energy prices, it should be the aim of all property owners to reduce the energy consumption in their buildings. However, a reduction in energy consumption does not just happen on its own. Because accurate consumption figures have, until now, often been hard to ascertain, and because it has seldom been possible to apportion the figures to the various energy sources, it has always been difficult to reduce energy consumption in a structured, purposeful and efficient manner.

Active energy management thanks to benchmarks

SAUTER EMS heralds the dawning of a new era. This new software enables property owners, building operators or accountants to find out quickly where, why and how much energy is being used – from particular rooms to whole building complexes, and everything in between. This enables the energy costs to be not only kept under control, but also optimised and reduced – by up to 40 per cent. In addition, CO₂ emissions are substantially cut, which accords well with SAUTER's responsibility towards the customer and the environment.

Apart from achieving a gain in economical efficiency (by cutting costs) and giving a boost to the environment (by reducing emissions), the new SAUTER EMS software provides a transparent presentation of the energy figures and an open solution for any standard IT interface. This also makes the solution an attractive proposition to those customers without SAUTER systems or without building management software who wish to monitor and control their technical processes. A system of internal and external benchmarking coupled with comparisons of days, weeks, months and years ensure that the figures are not only exactly recorded, but also automatically analysed, which is a pre-requisite for active energy management.

Competent advice and reliable service

SAUTER EMS is backed by SAUTER's several decades of expertise in energy-efficient building management systems, which offers the customers the perfect combination of reliable technology and outstanding advisory services. There are two different technical approaches to using the software: either hosted on the SAUTER server or installed on the customer's own server. With the former method, the customer does not have to concern himself with anything, since the SAUTER server records all consumption data and puts them into a logical context, alongside weather and temperature parameters. Data can be provided on practically any type of communication channel, which also takes care of the alarm functions at the same time. For instance, exceptional consumption levels automatically generate a

notification by e-mail. This 'carefree' package includes the full range of services, such as automatic data back-up and software updates, as well as monthly energy reports with standard evaluation.

Some customers, however, will prefer to install SAUTER EMS in-house on their own server. The product can be used to its full advantage when used in conjunction with the SAUTER service package. In addition to the software, the customer can add other elements chosen from the modular service package.

SAUTER Group

- Medium-sized family firm based in Basle, Switzerland.
- Founded in 1910, so almost one hundred years of tradition and experience.
- Active worldwide; expanding continuously; currently has 1,900 employees.
- Total solutions for building management from a single source, with the focus on providing maximum energy efficiency, which results in tangible value for the client and active protection of the environment. Security of investment plus operational reliability over the whole life-cycle of the building.
- Amongst the technological leaders in building automation and system integration.
- Member of eu.bac and of the BACnet Interest Group Europe e.V. (BIG-EU)
- References available at: <http://www.sauter-controls.com/en/energy-efficient-environments.html>

