

3rd April 2008

SAUTER unveils its latest development to the industry at the light+building exhibition

SAUTER EY-modulo - the epitome of energy efficient building management

The forwards and backwards compatible EY-modulo system family is SAUTER's response to the growing global demand for energy efficient solutions and the constant changes in technology. The key to the success of this platform is its modular structure. Future extensions to the system can easily be implemented and, at the same time, compatibility with all current protocols is guaranteed. If necessary, EY-modulo can even be operated comfortably from home thanks to cutting edge web technology.

Swiss quality with forwards and backwards compatibility

For every building automation requirement: only the best of the best. SAUTER's entire know-how is packaged in the forwards- and backwards-compatible SAUTER EY-modulo system family. This solution kit consists of the EY-modulo 2, 4 and 5 lines. EY-modulo 2 is the instrument for modernising and migrating existing installations. It ensures total compatibility with SAUTER's previous lines as well as straightforward integration of third party systems.

In EY-modulo 4, the leading part is played by intelligent unitary controllers with communication capability, based on LON, the open bus system; they also offer a variety of possibilities for integration. The flagship of the system family is EY-modulo 5 with its two cornerstones, the powerful modu525 BACnet automation station and the ecos502 room automation controller. This marks the first time that BACnet/IP has been incorporated into room automation. Cutting edge technology networked with integrated web technology and combined with Swiss quality: that's SAUTER EY-modulo in a nutshell.

SAUTER's core expertise: energy efficiency

Energy efficiency has been second nature to SAUTER for decades. The company has exploited its core expertise to the full in order to develop this new family of systems. SAUTER EY-modulo is ideal for new construction projects, but it also displays its strengths when it comes to migration projects, and it allows refurbishments to be carried out quickly on existing buildings. By providing integral control of optimised energy usage, the SAUTER EY-modulo system family creates cost and energy efficient environments, from primary energy distribution and air conditioning all the way through to room management.

Integration and migration with open communication

SAUTER EY-modulo communicates efficiently at every level of building automation. The system can correspond with existing systems based on conventional technologies, as well as the technologies of the future. EY-modulo operates with open protocols such as LON and BACnet: for example, this enables easy migration of installations that were implemented with the proprietary novaNet communication protocol. The **moduCom** communication module forms the

basis for smooth data exchange. Equipped with native BACnet/IP, this module provides modu525 with a universal interface that can also be used to integrate field bus systems such as Modbus/RTU and M-Bus, etc. As its name suggests, EY-modulo can be integrated into a customer's existing building management system on a modular basis and at the same time, functioning parts of the system can continue to be used. Programming, parameterisation and networking of the BACnet system are made very simple thanks to **SAUTER CASE Suite**. Its solution libraries guarantee efficient and optimised engineering throughout the workflow, from drawing up offers all the way through to successful commissioning.

The web opens the way to the future - SAUTER goes fully BACnet/IP

It's every building operator's dream: comfortable remote operation and maintenance via the Internet. The modu525 automation station from the EY-modulo 5 line features the **moduWeb** integrated web server. Complete visualisation and operation all the way through to analysis are now possible both in-house and externally, with a standard Internet browser. It can even send alarms via e-mail or SMS. As well as offering direct access to all relevant data and ultra-modern handling, modu525 is numbered among the first certified BACnet/IP controllers on the European market. SAUTER is creating sustainable environments of the future.

SAUTER ECO¹⁰ to combat climate change

SAUTER creates a good climate. Buildings are mentioned as a significant factor in the ten-point plan from 'An Inconvenient Truth', the well known film about global warming; about 40 per cent of global energy consumption is used to supply buildings. This energy saving potential has been SAUTER's core expertise for decades. The latest innovation in this field is our own ten-point plan to increase energy efficiency in buildings: ECO¹⁰. This guideline will help professionals and laypeople alike to save energy and cut costs efficiently, while playing a part in efforts to counteract climate change.

Learn how SAUTER is creating perfect sustainable environments at the light+building 2008 (light+building, Frankfurt, 6th to 11th April 2008, Hall 9.1, Stand C31).