



## SAUTER EY-modulo is conquering the market for sophisticated building management systems.

*Investors and operators recognise that this new system has great potential and can reliably cope with future challenges.*

In spring 2008, our SAUTER EY-modulo system ushered in a new era of building automation that has once again extended the horizon of possibilities. Designed to meet the most demanding requirements, SAUTER EY-modulo (as its name suggests) is a modular and extensible system that offers maximum compatibility, based entirely on the open BACnet/IP communication standard. It was for this reason in particular that the system was selected by Rabobank of the Netherlands for its new building in Utrecht, and also for a new building belonging to Austrian Federal Railways.



Wietse Hut, Commercial Manager,  
SAUTER Nederland

### The new Rabobank: outstanding in every sense

With a height of 105 metres, the new Rabobank is the second-tallest building in Utrecht after the city's cathedral. The complex of buildings, which accommodates 6500 employees, is also remarkable for its openness towards the outside world and its flexible interior structure – 'Rabobank unplugged'. Fixed workstations are a thing of the past: employees at all levels work on their laptops in the most suitable location at any given time. This is why the new building is also known as the 'Rabobank Campus'. This sort of working environment has already proven itself in the Netherlands at the Interpolis insurance group.

Rabobank is also setting standards when it comes to the sustainability of this building, whose energy coefficient is 35% less than the value specified by the applicable regulations. This involves minimising the CO<sub>2</sub> emissions, an aspect that is especially important in the Netherlands in view of climate change and the related rise in the sea level. After all, 25% of the country's territory is below sea level. Rabobank considers it important for all its new buildings to use the minimum of construction materials, energy and water; recycled materials and renewable energies are used wherever possible.

Thanks to its cutting-edge automation system, SAUTER is making a substantial contribution towards the efficient utilisation of all types of energy in the new complex of buildings in Utrecht.

### Complete data exchange via BACnet/ IP thanks to SAUTER EY-modulo

Based entirely on the open BACnet/IP communication standard, the SAUTER EY-modulo system has proven to be ideal for Rabobank. For instance, the air-conditioning system, the emergency power units, the internal transport systems and more than 100 frequency converters all communicate

with each other via BACnet/IP and SAUTER novaPro Open (B-OWS). This approach is fully in keeping with the company's concept of flexibility, allowing gradual extension on an adaptable basis. "Rabobank's choice of BACnet/IP was a very deliberate decision," says Mr De Vries, who is responsible for building technology. "BACnet used to be a communication medium for data exchange, but is nowadays increasingly turning into a communication platform for installation technology as a whole. We are convinced that BACnet/IP with SAUTER EY-modulo provides a platform that will meet the challenges of the future – and this is precisely in line with our corporate objectives."

SAUTER's new system supports Rabobank's efforts to ensure sustainability. The company selects all its supply partners on the basis of this principle. "Sustainability should be accepted, and what is accepted should also be sustainable", according to Mr Bert Heemsker, Chairman of the Rabobank Group.

Wietse Hut

### SAUTER EY-modulo at Rabobank:

- 20 primary automation stations
- 90 secondary automation stations
- 2500 room controllers
- 4000 window blinds
- 6000 strip lights
- 50,000 data points

