



ELESTA News-Project *building automation*

Cinema Centre Rahden, Germany

Exciting entertainment in the cinema centre in Rahden. The modern cinema centre offers place to 600 guests in five cinemas. **ASM Rahden GmbH** was assigned to deliver the BMS-System for the cinema centre .

The fastidious architecture of the building placed special requirements to the control of the heating and ventilation systems. The roof in the entrance hall consists of an extensive bright glass dome. The cocktail bar of the cinema is arranged behind a generous glass facade.

The control of the high-quality technology used for the heating and ventilation equipment is taken over by the **Controlesta** DDC-System of **ELESTA building automation**. The redundant decentralised system is divided into different information centre within the building.



The individual information centres are connected via the RCO central bus to the system. The RCO central bus supports the redundant multi-master concept. No network setup is necessary. By the use of the modern highly integrated semiconductor technology the size of the assigned Master Controllers and Slave modules is extremely small. This leads to very compact cabinets. The connection of the Slave modules with the Master is made by the L-bus.

By the employment of the innovative and modern ELESTA DDC technology it was possible to ensure an appropriate comfort in the cinema centre and at the same time to realise a technically and economically optimised building management system.

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