



adidas Distribution Center, Germany

In 2013, adidas put the company's largest distribution center with a space of 55,000 m² into operation. It is located in the "Niedersachsenpark", an industrial estate north of Osnabrück in Northern Germany. From there all processes and services for the brands adidas and reebok are executed and countries throughout Western Europe are supplied.

For the high-bay warehouse, the sorting workstations and the administration workplaces an optimum storage- and working temperature is needed. To achieve a good air quality at the workstations and in the social areas, the air exchange is conducted by four ventilation systems. For a perfect cooperation of the different types of media like air heaters, radiant ceiling panels, radiators and ventilation systems, measuring and control technology of DEOS was installed.

Project details at a glance

DEOS Software

- OPENweb

DEOS Hardware

- 6 OPEN 600 EMS
- 6 OPEN 810 EMS
- 54 OPEN IO modules

Products and solutions

- OPENweb

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In the distribution centre around 800 data points are connected to 6 controllers of the series OPEN 600 EMS and OPEN 810 EMS with 54 OPEN IO modules. To be able to use an adidas BMS in the future, only BACnet controllers were installed. The switchpanels are connected to each other by fibre optic cables. For a comfortable and fully graphical operation, the switchpanels are equipped with a tablet PC. In addition, the web-based BMS-software OPENweb with its functional modules (logbook, event server, event control centre) is used. A second PC is installed in the gatekeeper area, from where the whole system can be used and monitored as well. This ensures a fast reaction on possible alarms at any time.