



2N IP ACCESS CONTROL SYSTEM ON THE IT CAMPUS IN BRAUNSCHWEIG

MISSION

The management board of the newly built “IT Campus” building in Braunschweig was looking for a prospective and reliable IP access control solution. The system was required to work with both access control units and IP door communicators via structured LAN cabling. A comprehensive solution by 2N Telekomunikace was chosen, which will be used for access control for both employees and visitors to the IT campus.

MAIN ADVANTAGES

- USE OF EXISTING LAN INFRASTRUCTURE
- ADMINISTRATION OF ALL DEVICES VIA 2N® ACCESS COMMANDER
- POWER SUPPLY VIA POE
- ACCESS CONTROL (GROUP AUTHORISATION AND TIME PROFILES)
- CHECKS OF THE PRESENCE OF EMPLOYEES AND VISITORS

EXTERNAL ACCESS CONTROL

There are three 2N® IP Verso door communicators in the external area of the IT campus, which have been installed on posts by the building entrances. Intercoms are equipped with a HD camera, touchscreen and RFID module. The company logos of tenants are shown on the display and when touched, a menu opens with numerical keys and a telephone directory allowing visitors to make a call. IP door communicators are connected via LAN to an internal SIP telephone. Integrated cameras in the intercoms transmit a video recording to the central office in the office complex.



INTERNAL ACCESS CONTROL

Doors in various parts of the IT campus building are secured using 2N Access Units. Readers on individual floors are connected via switches and powered via PoE. Readers also directly control the electronic door locks. All employees in the building have their own chip for access control and identification of the owner. Each person's authorisation for where and when they are allowed access is saved in the access reader and simultaneously sent to the central administrative system.

SYSTEM ADMINISTRATION

Configuration and administration of the whole system is ensured using the 2N® Access Commander system. The configuration and specific functions of all devices in the network can be setup in bulk via a graphic user interface.



INSTALLATION

3x



2N® IP Verso

28x



2N® Access Unit RFID



2N® Access Commander

OUR CUSTOMER

KEIL Telecom has been an official distributor of 2N products since 2006, selling to wholesalers and to specialised retailers. As a distributor with added value, KEIL Telecom offers its partners high availability of goods in stock, technical support in German and training, as well as marketing and project support.

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