

Branch operation

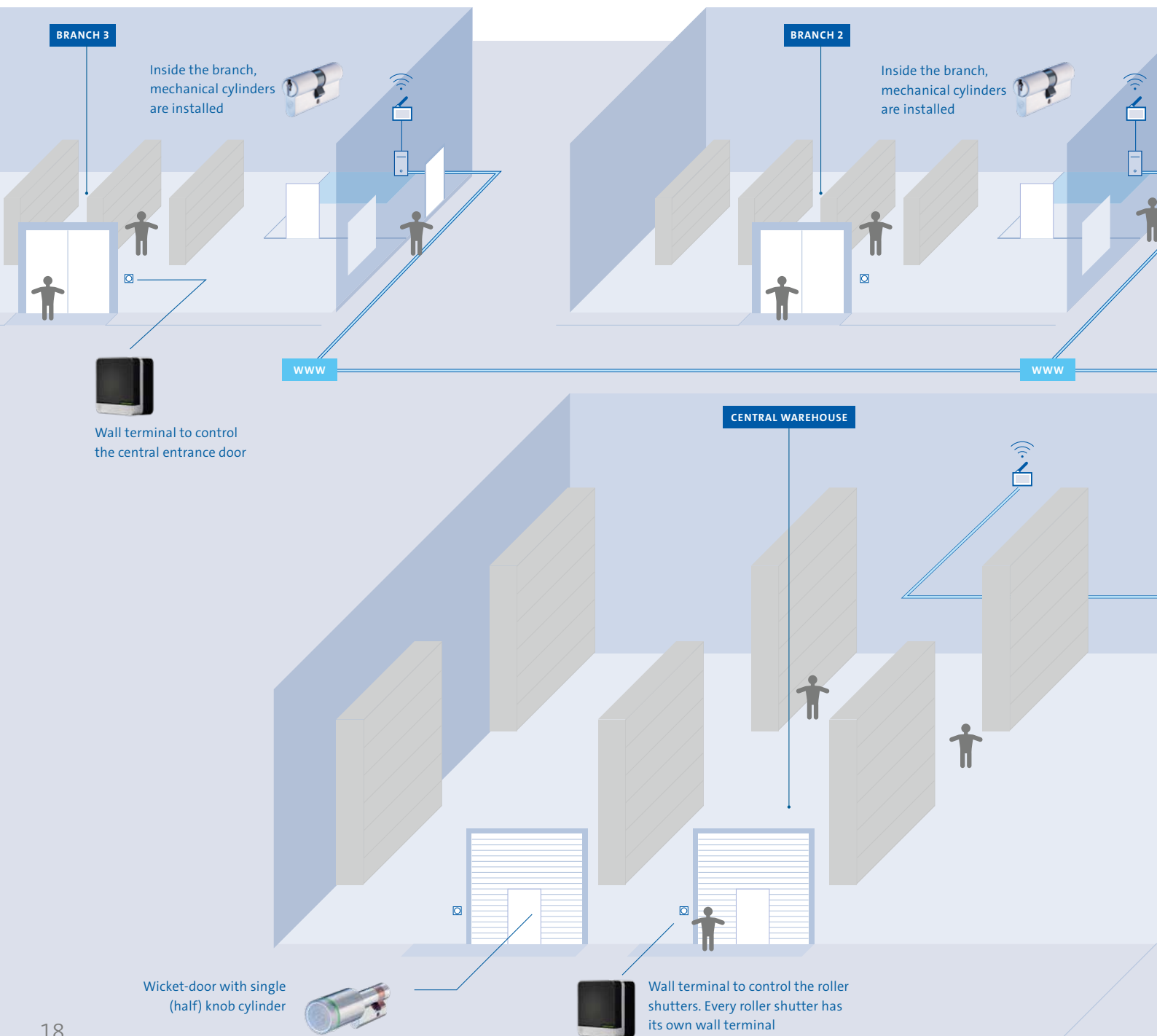
National DIY chain

The task

A national distribution chain of 400 do-it-yourself branches with about 5,000 employees wants to manage its access control system centrally from its headquarters. For companies of this size, changes in the access authorizations are a matter of course. One requirement is that a lost key is immediately and effectively blocked – even over a distance of 500 km. New employees in the branches are handed their key in advance but the key will only become operative on their first working day.

The solution: CES OMEGA FLEX Online

The central control computer with the database is located in the company headquarters. Every branch has an online connection with the headquarters via the internet and Access Points. All locking components of all branches are programmed centrally.



Headquarters

- Sliding door with wall terminal
- At the start of business hours: door is automatically unlocked under a time profile regime. Access is granted under motion detector control without presenting an ID card
- Before and after business hours: access only with company ID card

Central warehouse

- Access to the central warehouse with electronic double knob cylinder
- Only warehouse employees have access during the working hours

Access to the central warehouse from the outside:

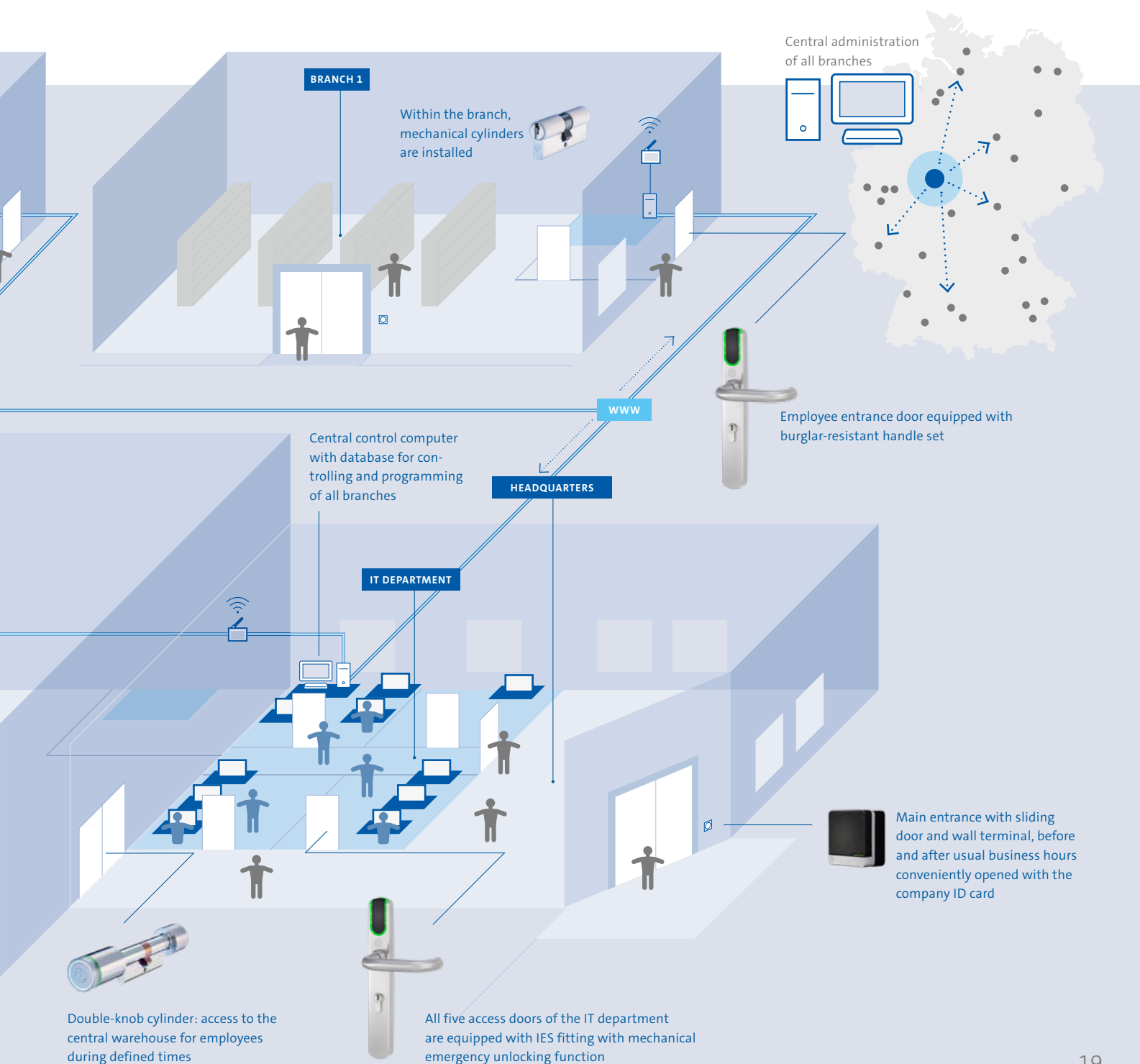
- Wall terminals allow access for fork lift trucks and other vehicles through automatic roller shutters
- Access for pedestrians via electronic half cylinders in the wicket doors. Can be opened only with an authorised locking medium

IT department (25 workplaces)

- Access-Point establishes an online connection for all IT doors. Electronic inside fittings on all five access doors, with mechanical emergency operation
- In case of a low battery: operation of the IES fitting is with mechanical key

Branch

- Staff entrances with weather-proof electronic wide shields with mechanical emergency opening and break-in resistance
- Nationwide, all doors can always be unlocked under remote control from the headquarters
- All access events are recorded and transmitted online to the headquarters
- Spare keys without locking function are stored in a local safe; they can be authorised at any time from the headquarters
- The sliding door is switched by an employee into Permanent Open mode via a wall terminal. During the day, the sliding door operates under motion detector control. In the evening (after the customers have left the store), the employee switches the door again into Locked position; the door remains closed



Double-knob cylinder: access to the central warehouse for employees during defined times

All five access doors of the IT department are equipped with IES fitting with mechanical emergency unlocking function