

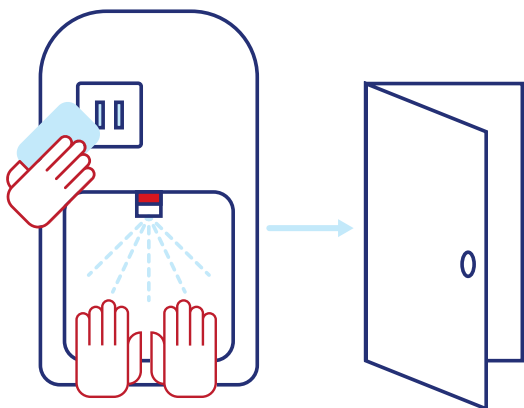


Gesellschaft für
Sicherheitstechnik mbH



**No entry for viruses or bacteria:
connecting access control with
hand-sanitiser dispensers**

1. Scan the access card



2. Correct dose of hand
sanitiser is dispensed

3. Door opens

Hand hygiene is the simplest and most effective protection against infections. So we've developed a solution that makes it as simple as possible to ensure your employees take important hygiene measures. We connect your access control system with dispensers of hand-sanitiser products such as antibacterial gel. When someone scans their access card at the dispenser, it releases the correct dose of hand sanitiser automatically and with no contact. Only then does the door open.



Functions:

- Card reader identifies user
- Sensor triggers spraying process
- Correct dose sprayed for each user
- Sensors monitor liquid level in dispenser

Can be used with:

- Doors
- Locks
- Elevators
- Turnstiles

Guaranteed sanitisation

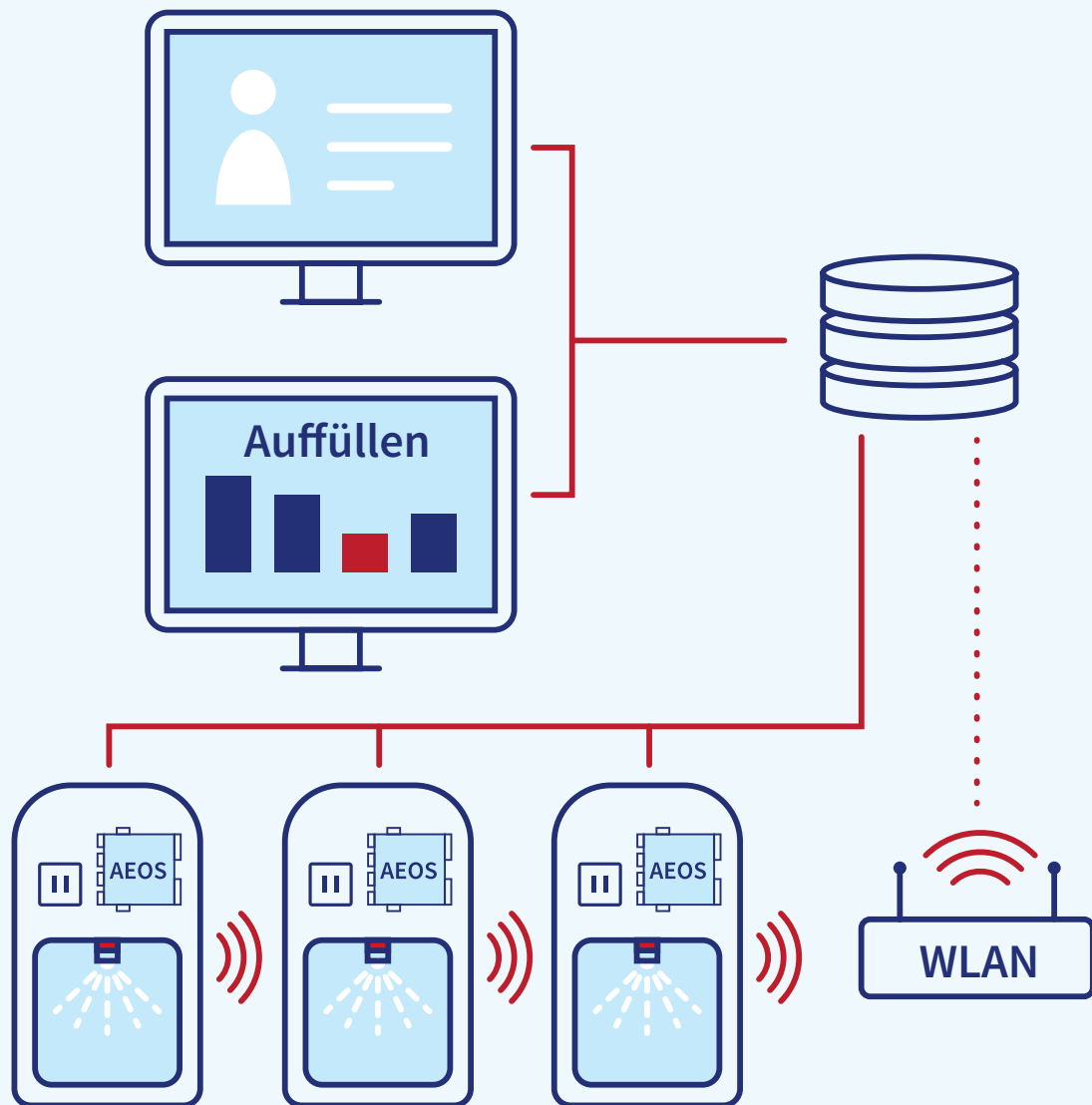
Doors only open after an access card has been scanned and hand sanitiser has been issued. So specialist staff can't forget hand hygiene, even in stressful situations. This control mechanism reassures patients, customers, employees and management staff.

Individual doses

Different people need different amounts of hand sanitiser – a nurse, for example, needs to sanitise their hands more thoroughly than a visitor. The dispenser uses the access card presented to determine the right dose for each person.

A constant check on product levels

Sensors continually check the level of hand sanitiser in each dispenser. As soon as it drops below a pre-set level in a dispenser, for example 20%, it issues a warning message. Rather than having to manually check dispensers, staff can ensure they never run empty while also saving time by replenishing them as needed.



An integrated system

This hygiene system is operated by flexible AEOS security software. Which means that access is effectively controlled by hand-sanitiser dispensers, with a card reader and AEOS Blue Controller integrated into every Steripower dispenser.

These dispensers connect directly to your AEOS access control system and database via LAN or WLAN. And user data is made available 24/7 via the Winguard management system available from Advancis.

Quality management

An SQL database lets you easily evaluate the use of hand sanitiser from your dispensers. SQL reports can be set to run automatically, in the form you prefer, and they can be issued straight to your hygiene management team.

Where does it make sense for hand-sanitiser dispensers to control access?

- Hospitals
- Clinics
- Catering
- Research laboratories
- Production facilities
- Open plan offices during the flu season
- Administrations
- Cruise ships
- Hotels



Extended screening

This concept could be extended by using fever screening as an additional parameter for granting or denying access. Anyone who has a high temperature, and is therefore potentially ill, could be directed to an isolation area to limit the risk of them infecting others. This is particularly useful during a pandemic such as coronavirus, or even during periods when flu is more prevalent. And it's a concept that could conceivably be used in public areas.