EXECUTION EXAMPLE WITH TOPOLOGY
Access security for IT racks

Access protection for IT racks

The requirement

Securing one or more IT racks (server and data cabinets) against unauthorised access with an online-enabled solution for managing authorisations, time-level profiles and with access logging.

Opening is to take place simply by means of RFID media, PIN entry or with a smartphone or smartwatch, so that a user-related logging always takes place as well. Authorisations can be granted or withdrawn individually. If required, the solution can be extended to other rooms/areas and combined with video surveillance.

The Kentix system solution

The DoorLock-RA4 is used to secure server racks with regard to authorised/unauthorised access. The IP rack handle is connected to the Access Manager SmartRelay via BUS cabling. This provides central management for up to 16 connected cabinet doors via a web interface. At the same time, the module contains a central logbook of all booking events. If required, each booking can be linked to a video image.

The locking status of the IT rack is queried for each door via the magnetic contacts also connected to the SmartRelay.

Several SmartRelays can be connected to form a system so that changes only ever have to be made at one point. This means that the system can be expanded at any time to include additional server racks or doors to adjacent rooms.

KENTIX
Innovative Security
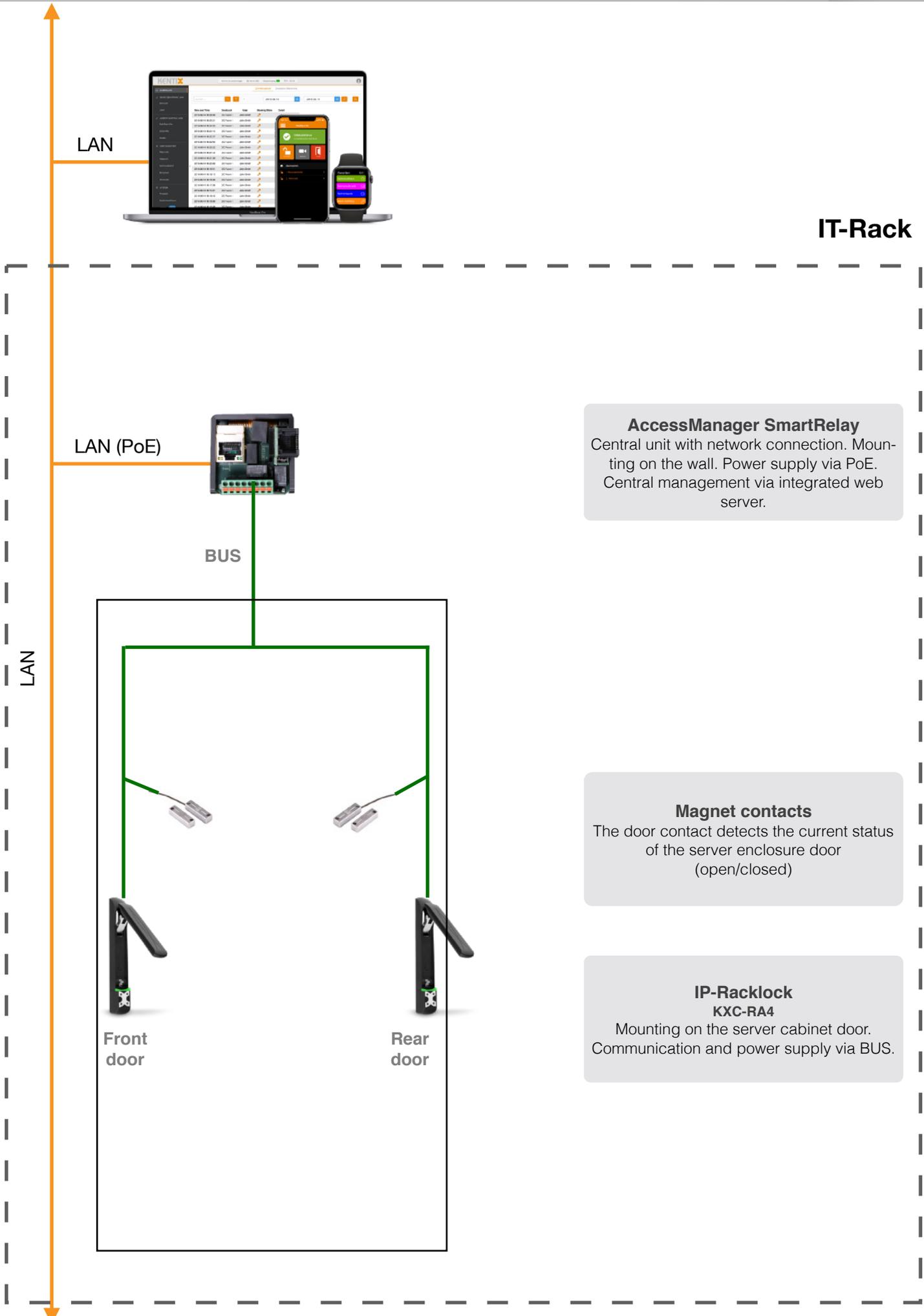
LAN

IT-Rack

LAN (PoE)

BUS

LAN
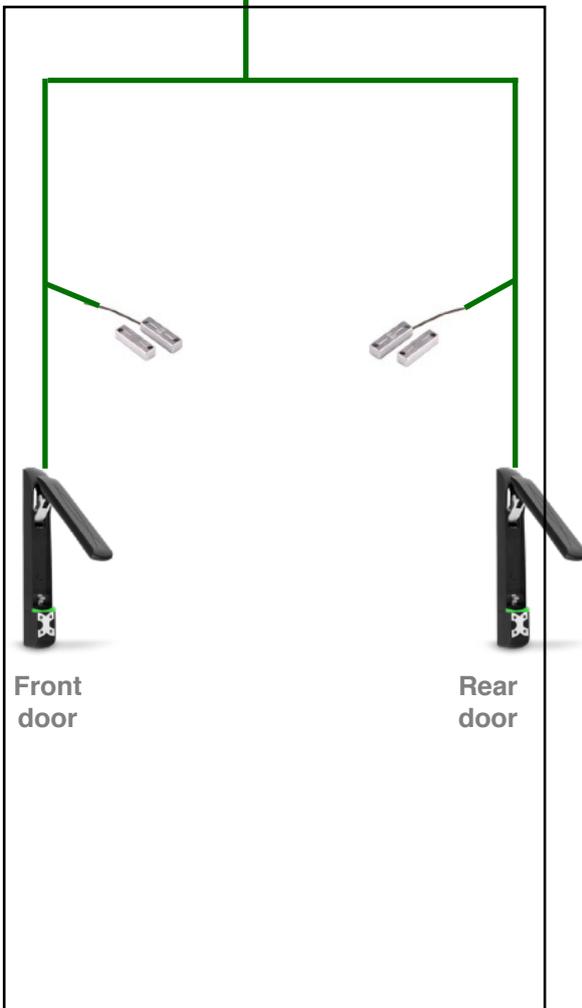
AccessManager SmartRelay
Central unit with network connection. Mounting on the wall. Power supply via PoE. Central management via integrated web server.

Magnet contacts
The door contact detects the current status of the server enclosure door (open/closed)

Front door

Rear door

IP-Racklock
KXC-RA4
Mounting on the server cabinet door. Communication and power supply via BUS.