

EXECUTION EXAMPLE WITH TOPOLOGY

Access control in IT and technical rooms with
hard-wired IP wall reader



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The requirements

In the company there are IT or technical rooms which are to be secured against unauthorised access. The management of access should be carried out by means of a completely IP-based solution. Doors can be opened either by RFID media, PIN entry or a combination of both.

All accesses are logged and are subject to the set access profiles. The installation shall be designed as hard wiring without battery operated components.

The Kentix system solution

The Kentix DoorLock access system is used to secure rooms with regard to authorised/unauthorised access.

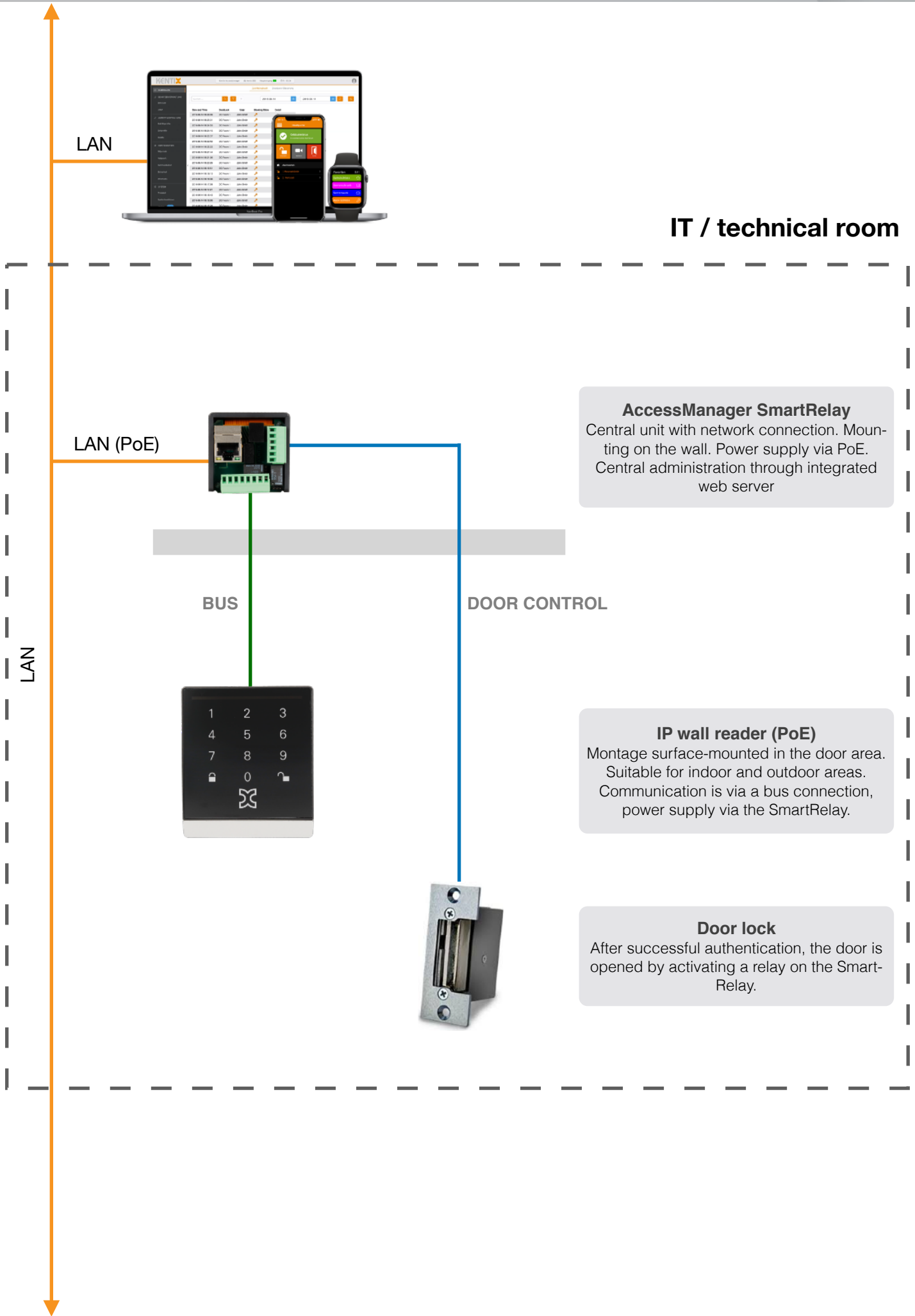
In the door area the IP wall reader is installed on the wall.

The AccesManager SmartRelay, the central management of the wired locking solution, can be installed in a flush-mounted box directly under the reader or in the room on a top-hat rail.

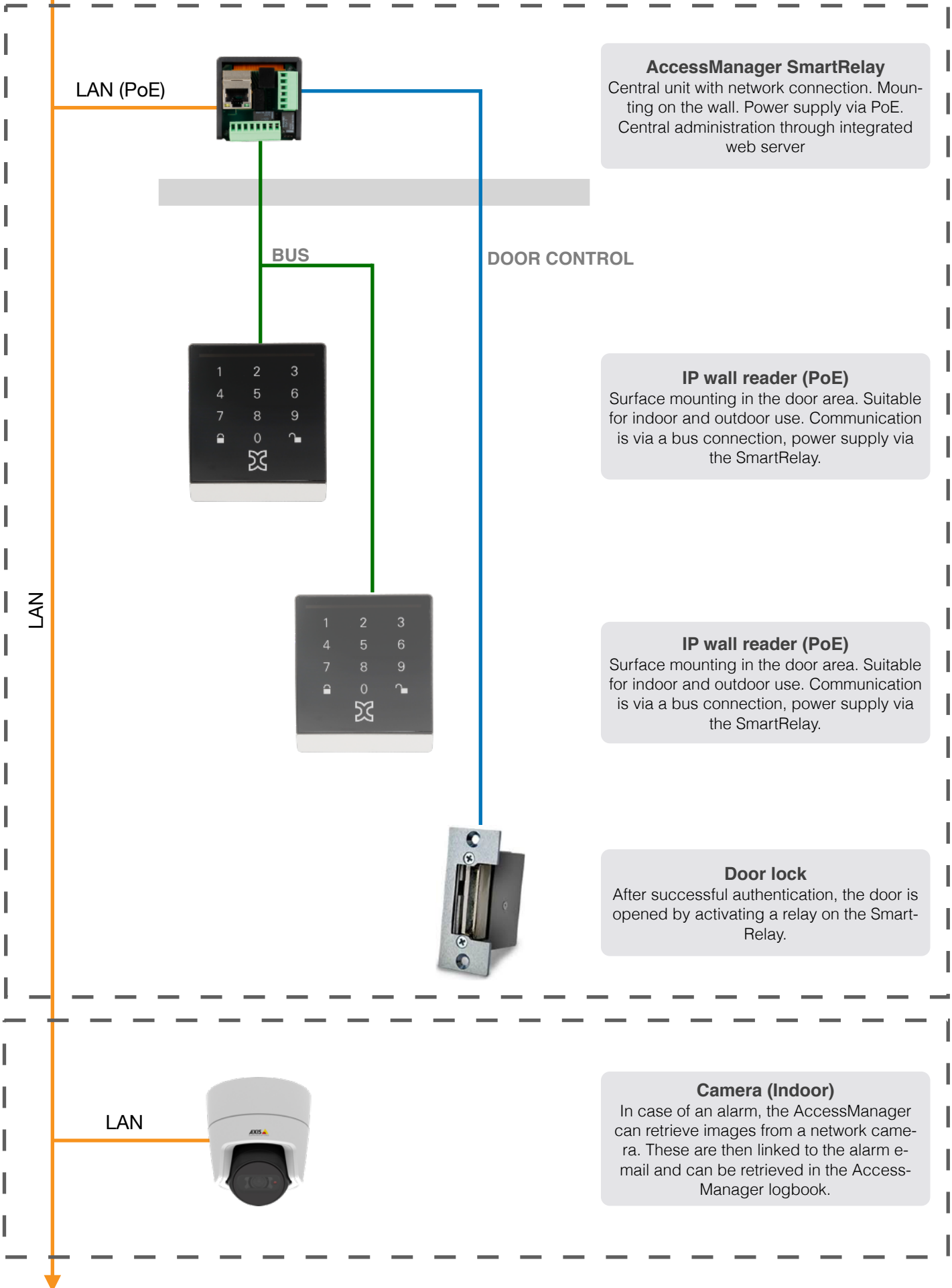
If required, an additional IP wall reader can be connected to the module to open the door from the inside. Alternatively, an additional door can also be equipped in this way.

The wall readers are connected to the SmartRelay via hard wiring. The SmartRelay provides central management for up to two connected doors via a web interface. At the same time the module contains a central logbook of all booking events (accesses). If required, each booking can be linked to a video image.

Several SmartRelays can be connected to one system, so that changes only have to be made at one point. This means that the system can be expanded to include additional doors at any time.



**IT/technical room
Extension**



LAN (PoE)



BUS

DOOR CONTROL



AccessManager SmartRelay

Central unit with network connection. Mounting on the wall. Power supply via PoE. Central administration through integrated web server

IP wall reader (PoE)

Surface mounting in the door area. Suitable for indoor and outdoor use. Communication is via a bus connection, power supply via the SmartRelay.

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Door lock

After successful authentication, the door is opened by activating a relay on the SmartRelay.

Camera (Indoor)

In case of an alarm, the AccessManager can retrieve images from a network camera. These are then linked to the alarm e-mail and can be retrieved in the AccessManager logbook.

LAN

LAN

