

EXECUTION EXAMPLE WITH TOPOLOGY

Cross-site access control for offices as
hard-wired IP solution



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The requirements

Securing of non-public doors on or in the building against unauthorised access for individual or several branches. The administration of users and authorisations for the individual branches should be centralised and all locations should be combined into one system in order to keep the administrative effort low.

All accesses are stored in a central logbook. In critical areas, a video connection should also be established to improve monitoring. The entire installation is completely IP-based, without radio or battery operated components.

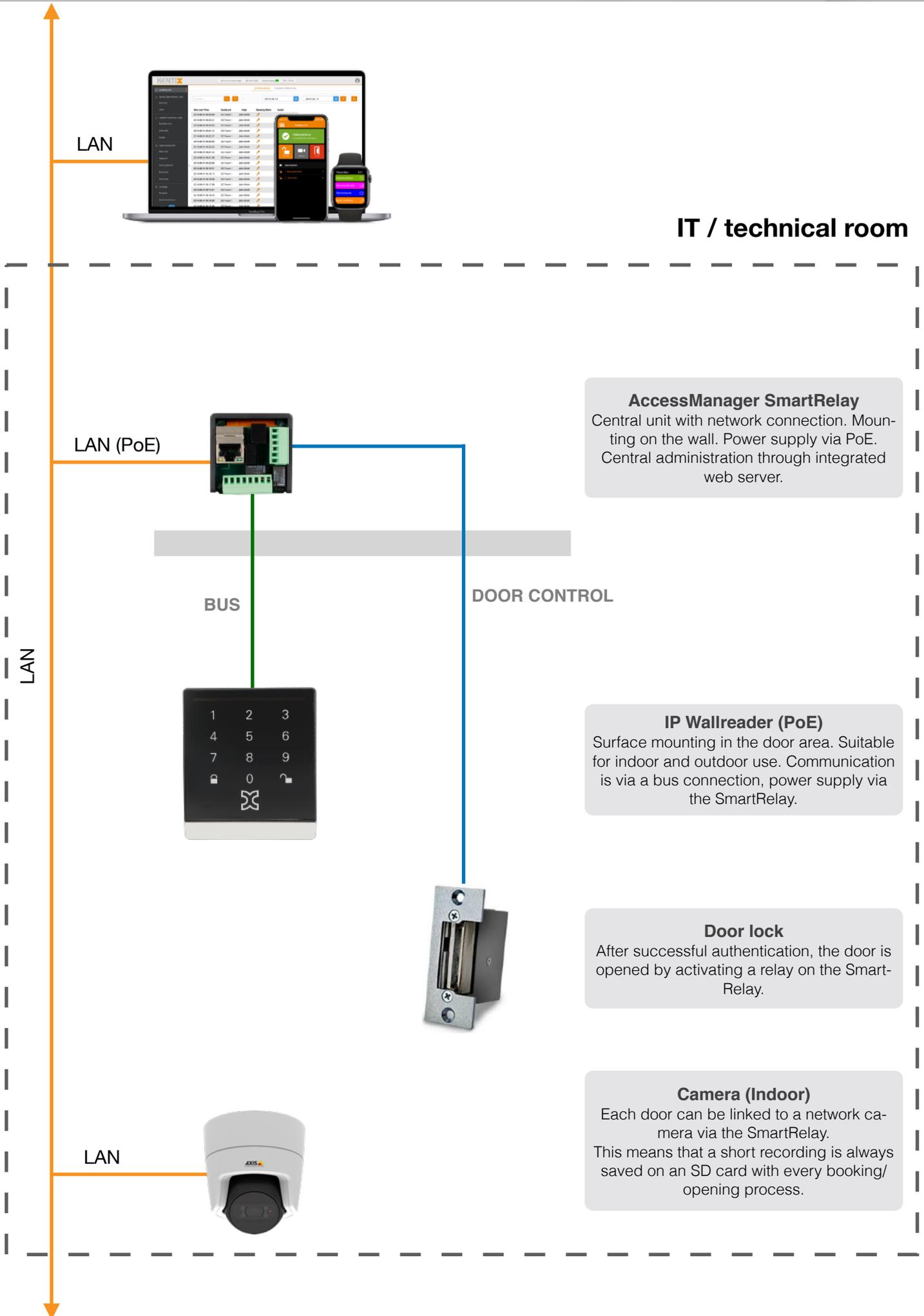
The Kentix system solution

The Kentix DoorLock access system is used to secure the building or rooms with regard to authorised or unauthorised access. The IP wall reader is installed in the door area. The AccessManager SmartRelay can be installed in a flush-mounted box directly under the reader or in the room on a top-hat rail.

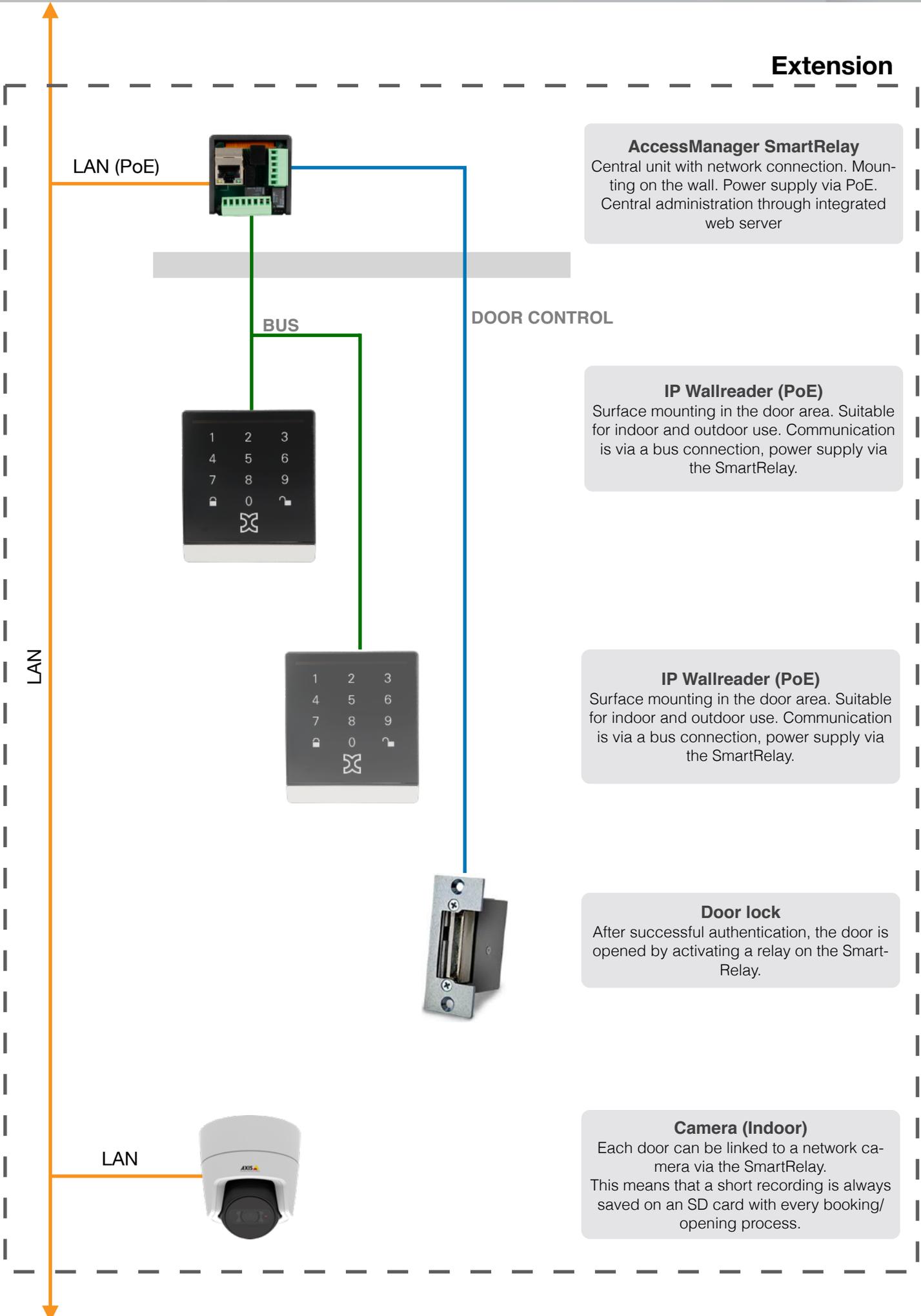
The IP wall readers are connected to the SmartRelay via the hard wiring. The SmartRelay provides central management for up to 2 connected doors via a web interface. At the same time the module contains a central logbook of all booking events. Bookings in the entrance area are automatically linked to 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 at any time to include additional branch locations. As the IP wall readers are suitable for outdoor use, they can also be used for barriers or rolling gates, for example.

IP wall readers and SmartRelay are also fully compatible with all other DoorLock components (radio knob, door handle, cabinet locks) and can be combined with them.



Extension



AccessManager SmartRelay

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

IP Wallreader (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)

Each door can be linked to a network camera via the SmartRelay. This means that a short recording is always saved on an SD card with every booking/opening process.