EXECUTION EXAMPLE WITH TOPOLOGY
Office monitoring with access control and connection of the PBX

Office monitoring with access control and connection of the PBX

The requirements

Securing house entrances and possibly other rooms in the building against unauthorised access with an online-capable solution for managing authorisations, time-level profiles and access logging.

The opening is to be carried out simply by means of RFID media, so that user-related logging always takes place. Authorisations can be granted or withdrawn individually.

If required, the solution should be able to be extended to other rooms/areas and combined with video surveillance. In addition, critical areas (entrance, rooms with restricted access) should be monitored for intrusion.

The control system takes over the access control.

The Kentix system solution

The Kentix DoorLock access system is used to secure the building or rooms with regard to authorised/unauthorised access. The doors are equipped with the Kentix wireless doorknob, which is connected to the Kentix AccessPoint.

The AccessPoint provides central management for all locking components in the system via a web interface. At the same time it contains a central logbook of all booking events.

If required, each booking can be linked to a video image.
Furthermore, external network-compatible systems such as PBXs can be integrated into the system for monitoring purposes.

The AlarmManager offers network monitoring functions to monitor a system for availability by means of PING or checking for a network port.

If there is no response from the target system even after several attempts, the Kentix system reports that the connection is interrupted, which may indicate a failure.

The alarm system used is an AlarmManager-PRO with one or more MultiSensors connected by radio or LAN. The access system controls the integrated motion sensors and door contacts.
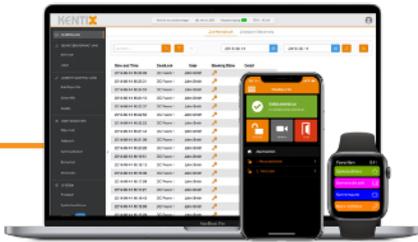
Office building access system

LAN

LAN (PoE)

LAN

LAN

AccessManager
Central unit with network and radio. Wall mounting, power supply via PoE. Central administration through integrated web server.

Wireless door knob with profile cylinder
External or entrance doors, as well as doors in the building that need to be locked, are equipped with the Kentix radio knob.
The data from the user RFID cards is sent by radio to the AccessManager, which then checks the authorization.

Camera (Indoor)
Each door can be linked to a network camera via the AccessManager. This means that each booking/opening process always includes a short recording on an SD card in the AccessManager.

![KENTIX Innovative Security]

Office building monitoring

GSM

ZIGBEE

LAN (PoE)
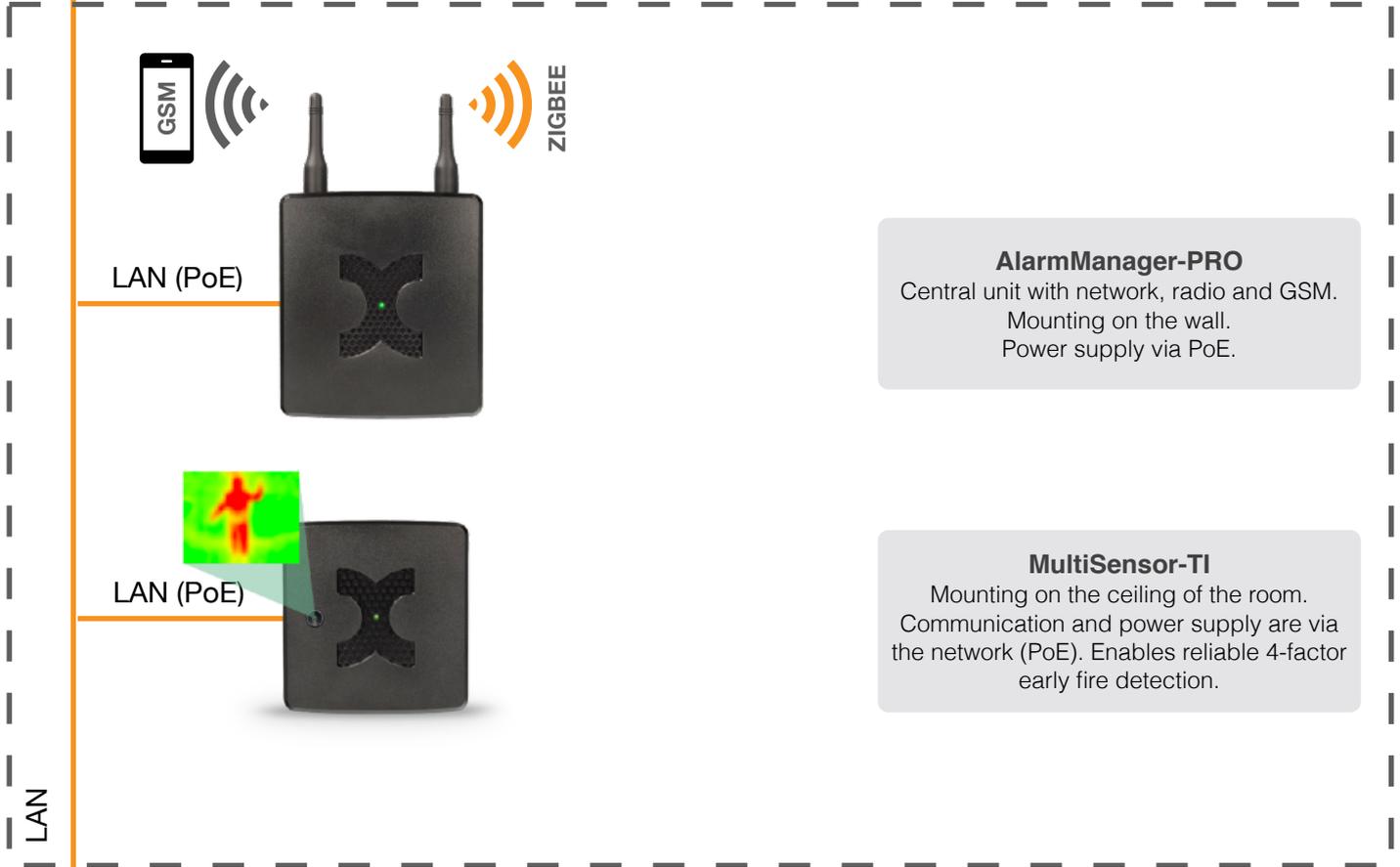
AlarmManager-PRO
Central unit with network, radio and GSM.
Mounting on the wall.
Power supply via PoE.

LAN (PoE)

MultiSensor-TI
Mounting on the ceiling of the room.
Communication and power supply are via
the network (PoE). Enables reliable 4-factor
early fire detection.

LAN