

EXECUTION EXAMPLE WITH TOPOLOGY

Distributed Infrastructure - Multiple IT rooms
distributed across locations



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The requirements

Several IT rooms are distributed over different locations. At each location there are one or more rooms with server cabinets, infrastructure and other technology that are to be fully monitored.

The monitoring is to be carried out from a central location and all individual areas are to be combined into one system. If necessary, it should be possible to expand the surveillance solution, for example to integrate video surveillance or external systems.

The Kentix system solution

To cover these requirements, a Kentix AlarmManager-PRO and a MultiSensor-TI are required for the main server room. For larger server rooms, (over 20 m²) additional MultiSensor-TI can be used per 20 m².

In the IT/technology rooms, a MultiSensor-TI is also used in each case, which is mounted on the ceiling. The connection is made here via the network to a PoE-capable switch.

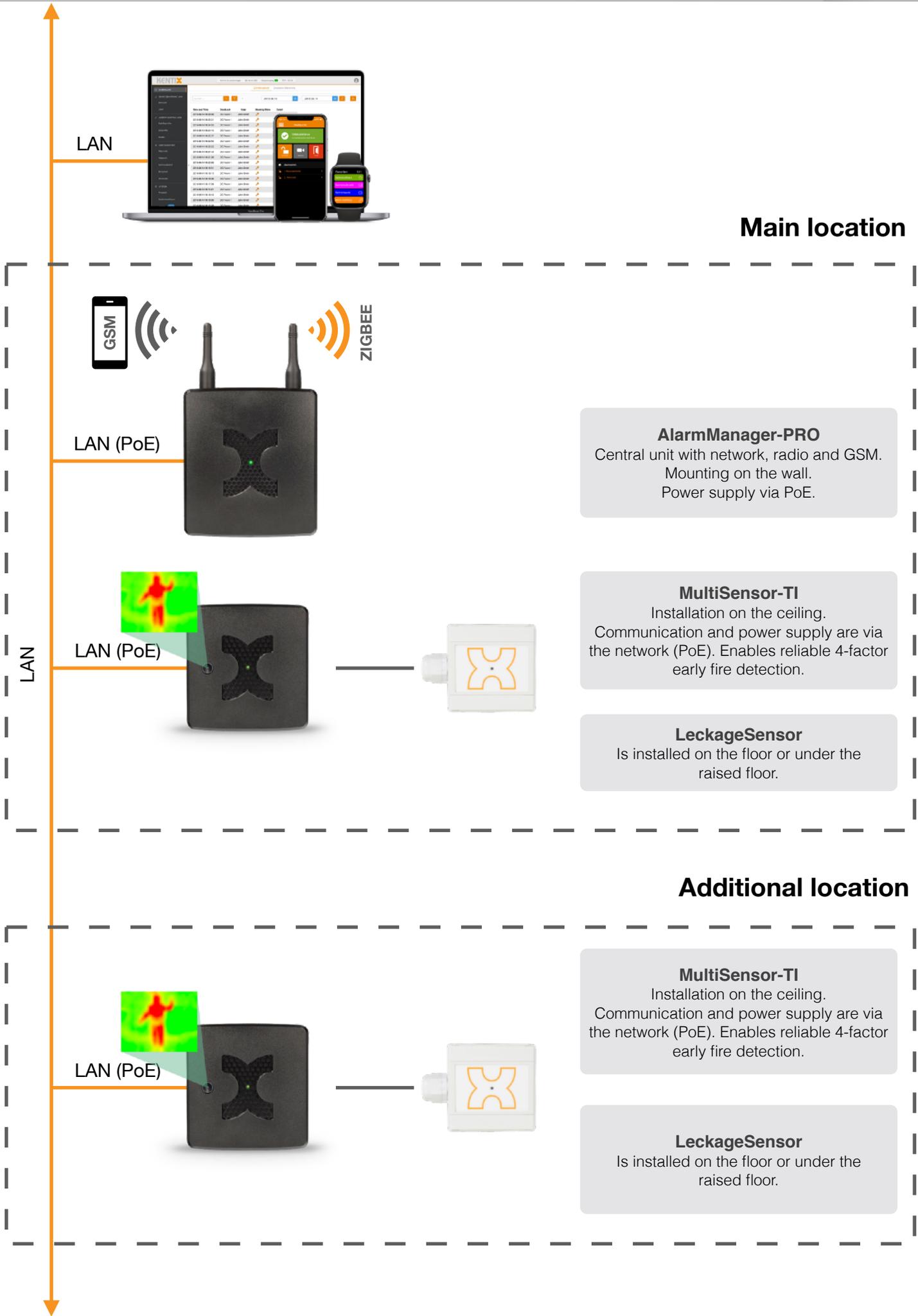
The AlarmManager takes over the complete monitoring of the system

and checks for pre-set threshold values.

If a threshold value is exceeded, it sends an alarm to one or more users - via SMS, e-mail, SNMP and push notification.

All MultiSensors in the system are also continuously monitored for availability.

A Kentix LeakageSensor-ROPE is used to monitor for potential leaks and is connected directly to the AlarmManager or a MultiSensor-TI.



LAN

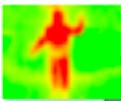
Main location



LAN (PoE)



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



LAN (PoE)



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

LeakageSensor
Is installed on the floor or under the raised floor.

LAN

Additional location



LAN (PoE)



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

LeakageSensor
Is installed on the floor or under the raised floor.