

## **EXECUTION EXAMPLE WITH TOPOLOGY**

Protection of a server room up to 20 m<sup>2</sup>



## Protection of a server room up to 20 m<sup>2</sup>

### *The requirements*

*Basic protection monitoring of a typical medium-sized server room with several server racks, UPS system and air conditioning. The room is to be monitored for all important physical hazards such as excess temperature, high humidity and more.*

*The monitoring should be realised by a system that is as simple as possible with manageable installation and investment costs.*

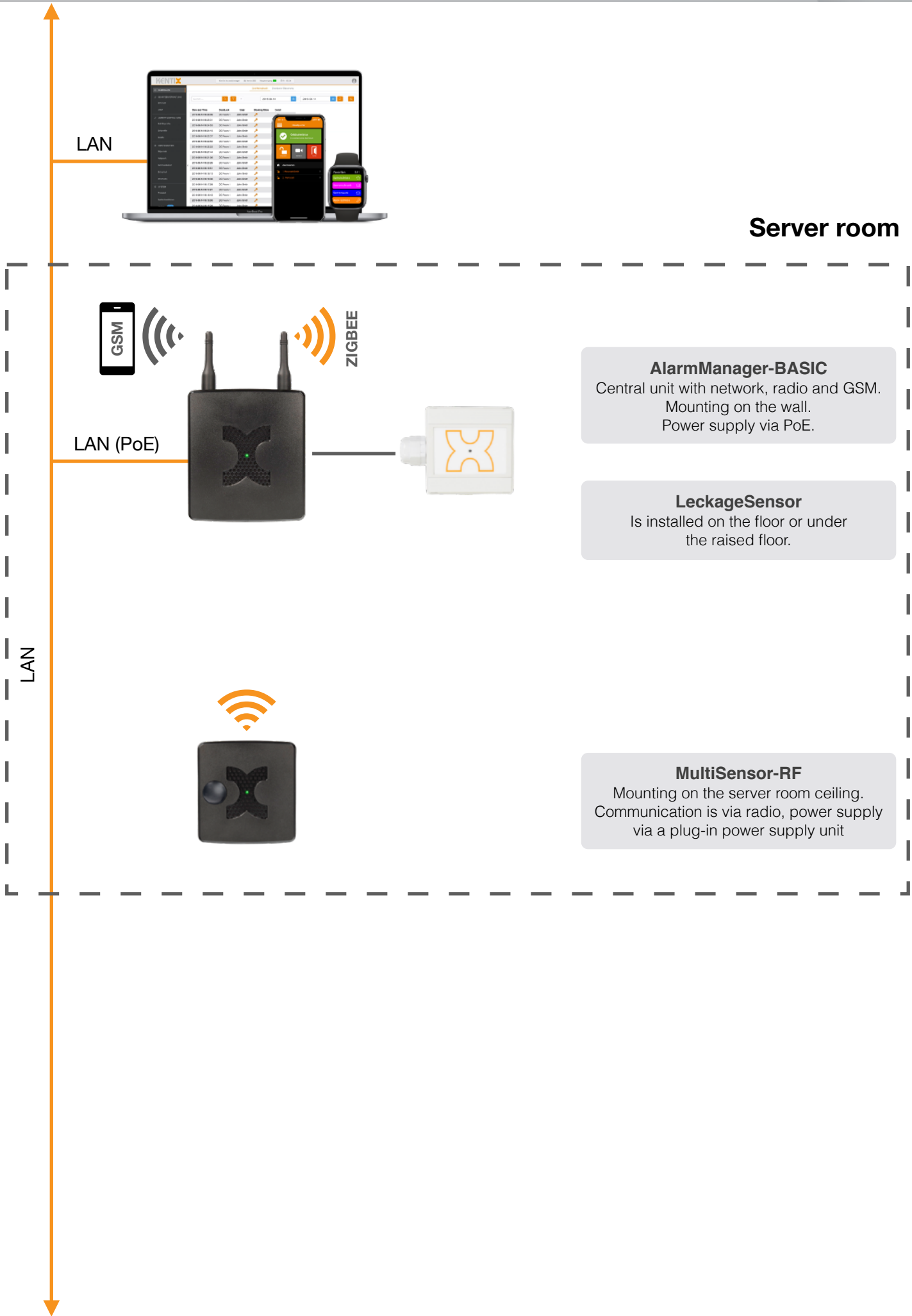
### *The Kentix system solution*

To cover these requirements a Kentix StarterSet-BASIC, consisting of an AlarmManager-BASIC and a MultiSensor-RF is required.

The MultiSensor is powered via a separate plug-in power supply unit and is mounted on the server room ceiling using the mounting bracket. All measured values are sent to the AlarmManager via radio.

The AlarmManager takes over the complete monitoring 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.

A Kentix LeakageSensor-ROPE is used to monitor for potential leaks and can be connected directly to the AlarmManager.



LAN

## Server room

LAN (PoE)



ZIGBEE

### AlarmManager-BASIC

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

### LeckageSensor

Is installed on the floor or under  
the raised floor.

### MultiSensor-RF

Mounting on the server room ceiling.  
Communication is via radio, power supply  
via a plug-in power supply unit

LAN