



Description:

Monitoring engineering and supply rooms

Within the production facility, there are several engineering and supply rooms that are to be monitored.

Physical security – meaning the protection of all affiliated devices against threats such as over-temperature, high humidity, fire and burglary – plays an important role in the permanent operation of servers and their environment. Potential threats ought to be detected as soon as possible in order to initiate countermeasures in time. The monitoring itself ought to be done from a central position to be able to determine any critical conditions at a glance.

In order to fulfill these requirements, an AlarmManager-PRO and a MultiSensor-RF are needed. The radio-linked MultiSensor-RF takes over the monitoring of the room. It is connected via the included patch cable and power supply. All measured values are transmitted to the AlarmManager via radio. Larger rooms (over 20qm/200sqft) can be equipped with an additional MultiSensor-RF per extra 20qm (200sqft).

The other engineering and supply rooms are equipped with a MultiSensor-LAN each which is also mounted on the ceiling. It is connected via the network with a PoE-compatible switch.

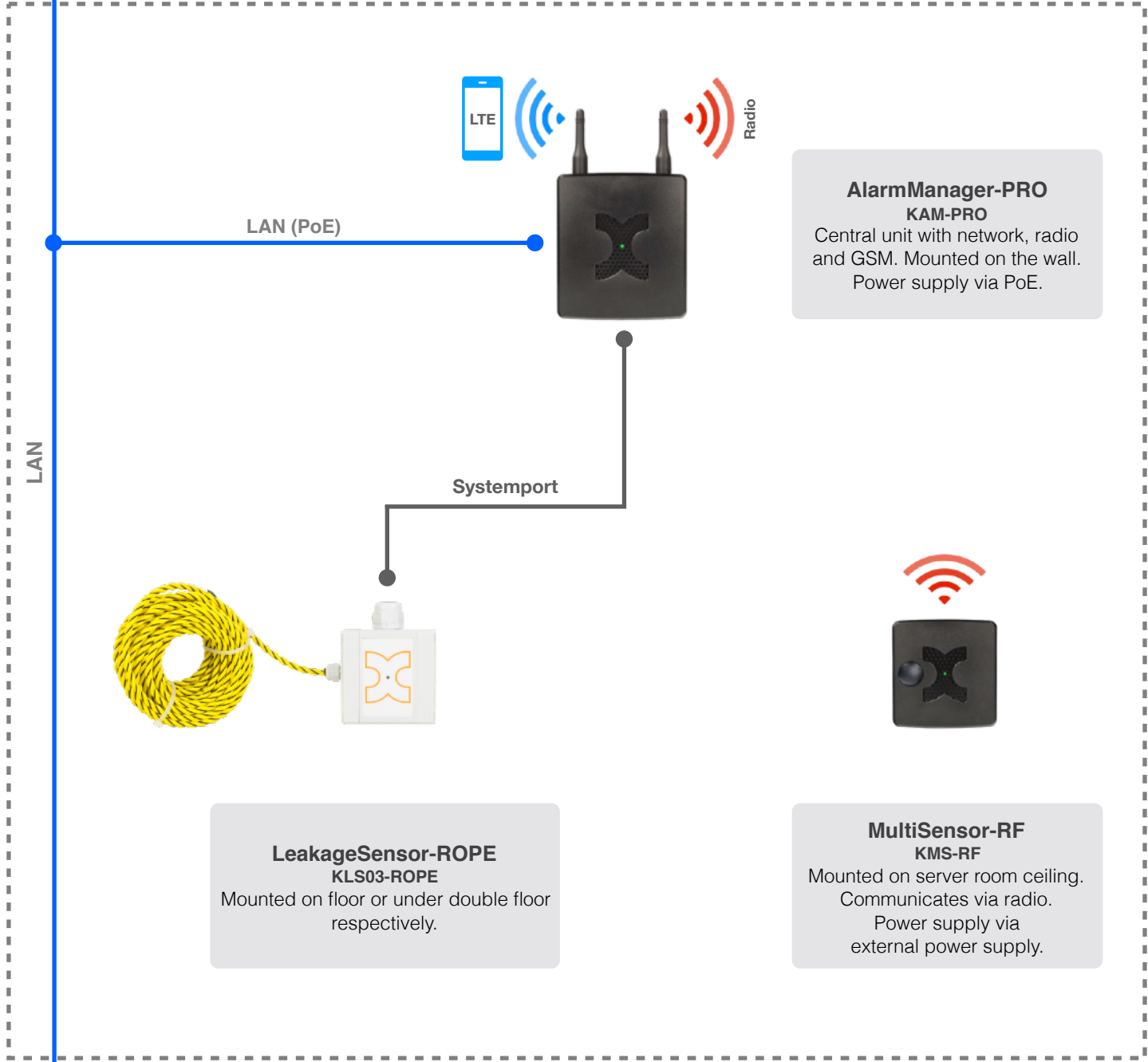
Potential water ingress is monitored by a LeakageSensor that is connected to the AlarmManager or the MultiSensor. External systems such as climate or USV systems are included in the monitoring with the help of an I/O expansion module.

The AlarmManager takes over the entire monitoring and checks for pre-defined thresholds. If a threshold is exceeded, the device sends an alarm to one or more users.

System topology



Main server room / technical room

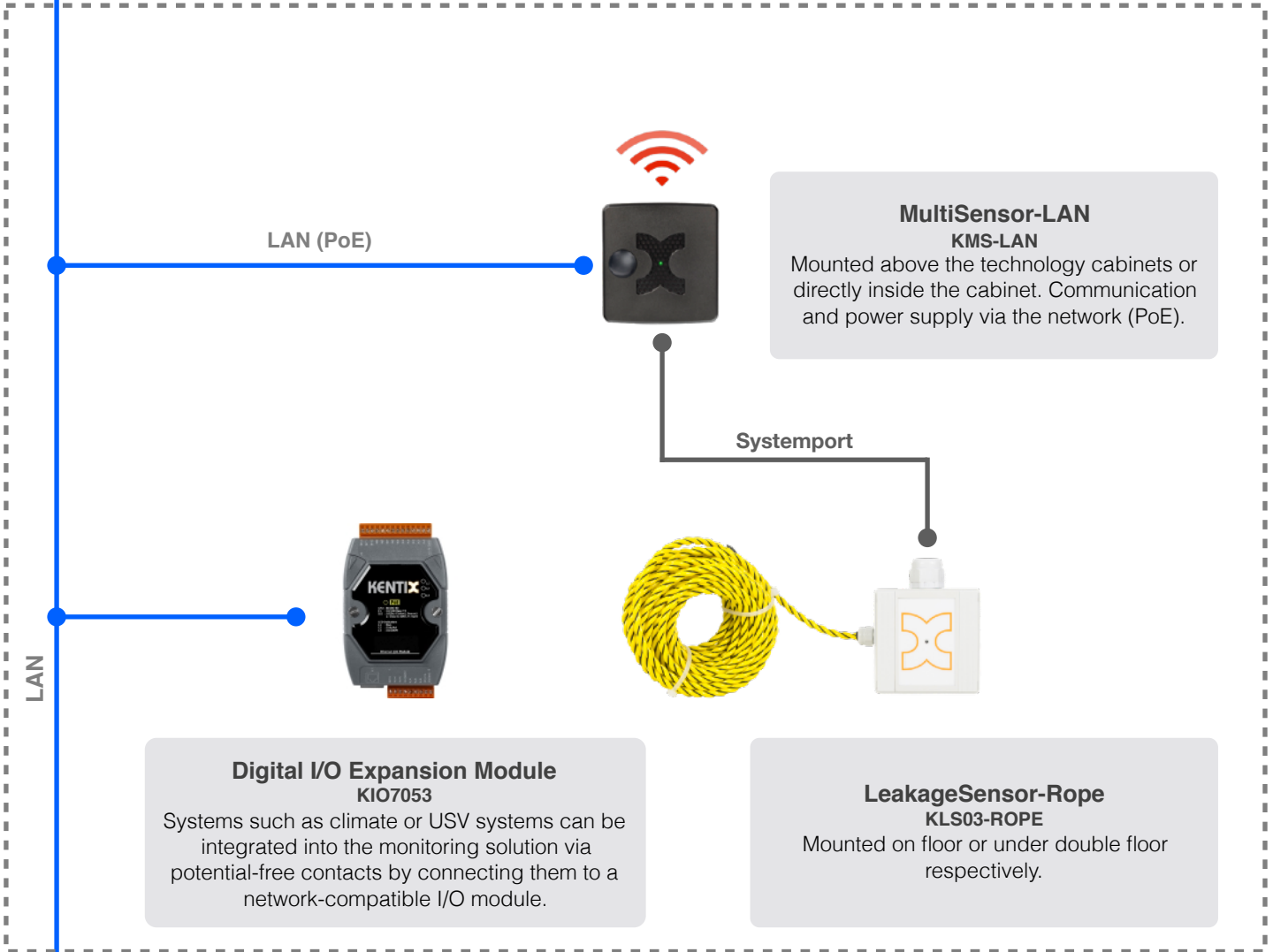


**AlarmManager-PRO
KAM-PRO**
Central unit with network, radio and GSM. Mounted on the wall. Power supply via PoE.

**LeakageSensor-ROPE
KLS03-ROPE**
Mounted on floor or under double floor respectively.

**MultiSensor-RF
KMS-RF**
Mounted on server room ceiling. Communicates via radio. Power supply via external power supply.

Engineering / supply rooms



Mounting and configuration: Main server room / Engineering room - approx. 4 hours
Engineering / supply rooms - approx. 2 hours each (without connection to I/O Expansion modules)

LAN



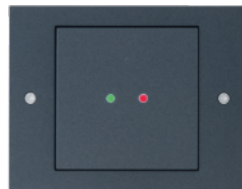
Camera (Indoor) M3105-LVE

In case of an alarm, the AlarmManager can request pictures from a network camera. These will then be linked to the alarm e-mail the internal alarm logbook.



Wireless Door Knob with profile cylinder KXC-KN1/2

In combination with the Kentix AccessPoint, doors to rooms or buildings can be equipped with an online access control system. For the door, you merely need a matching profile cylinder and a Wireless Door Knob for inner or outer doors.



Wall Reader KXC-WA1

Doors with motor locks, barriers or rolling gates can also be integrated into the system. For this, a suitable wall reader is available for mounting inside or outside. Different covers also available.

LAN

Parts list - Ordering assistance - Main server room / engineering room

Device Name	Item Number	Quantity	Price in EUR
AlarmManager-PRO	KAM-PRO	1	940,00 €
MultiSensor-RF	KMS-RF	1	395,00 €
LeakageSensor-ROPE	KLS03-ROPE	1	from 370,00 €

Parts list - Ordering assistance - Engineering / supply rooms

Device Name	Item Number	Quantity	Price in EUR
MultiSensor-LAN	KMS-LAN	1	475,00 €
LeakageSensor-ROPE	KLS03-ROPE	1	from 370,00 €
Digital I/O Expansion Module	KIO7053	1	465,00 €

Expansions

Device Name	Item Number	Quantity	Price in EUR
Camera	M3105-LVE	1	369,00 €
Wireless Knob for inner/outer doors (IP65/66)	KXC-KN1/2	1	from 320,00 €
Profile cylinder	KXC-80-AABB	1	from 80,00 €
Wall Reader	KXC-WA1	1	from 400,00 €

All prices are list prices plus VAT.
Our offer is only addressed to business customers.