



Description:

Monitoring of distributed IT cabinets in production facilities

Within the production facility there are IT cabinets which connect computer-controlled production lines to the server infrastructure for example. The cabinets ought to be monitored permanently for all critical threats such as over-temperature or fire in order to secure the constant availability of the systems and therefore guarantee an uninterrupted production. Potential risks ought to be detected as early as possible in order to initiate counter measures in time. The monitoring ought to be done from a central position so that critical conditions can directly be identified. Moreover, the solution ought to be scalable in order to be able to expand it if necessary.

In order to fulfill these requirements, you will need a Kentix AlarmManager-PRO and a MultiSensor-RF. These are installed in a central engineering or server room respectively. The radio-linked MultiSensor-RF takes over the monitoring of the room. It is connected via the included patch cable and power supply. A KeyPad-Touch inside the room additionally logs all accesses. Moreover, potential water ingress is monitored with the help of a LeakageSensor.

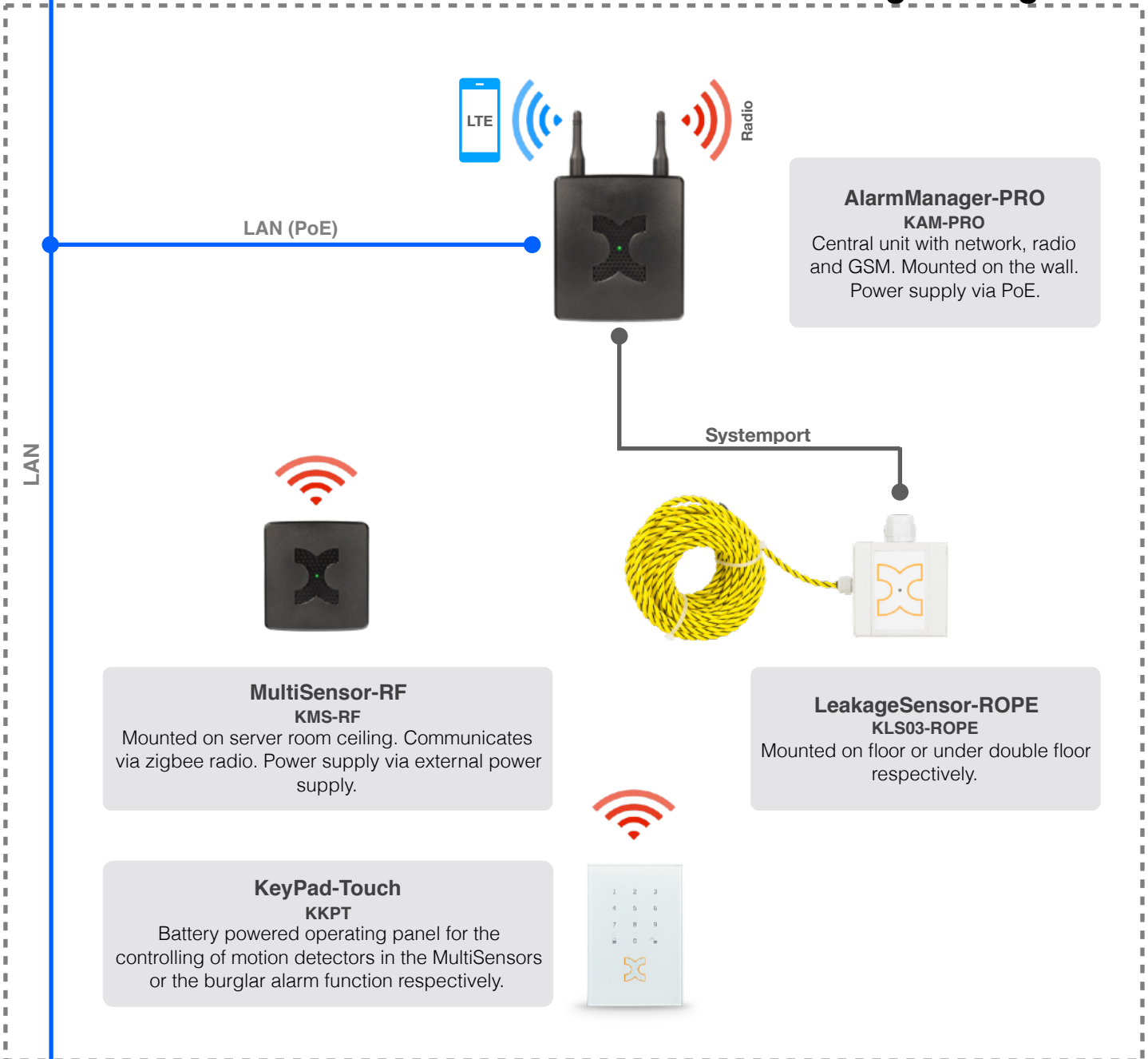
The IT or engineering cabinets on the production site are equipped with a MultiSensor-LAN each. These devices can be mounted directly inside the cabinet. They are connected via the network with a PoE-compatible switch.

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 - via SMS, e-mail, SNMP and push notification. Additionally, all MultiSensors in the system are constantly monitored for availability.

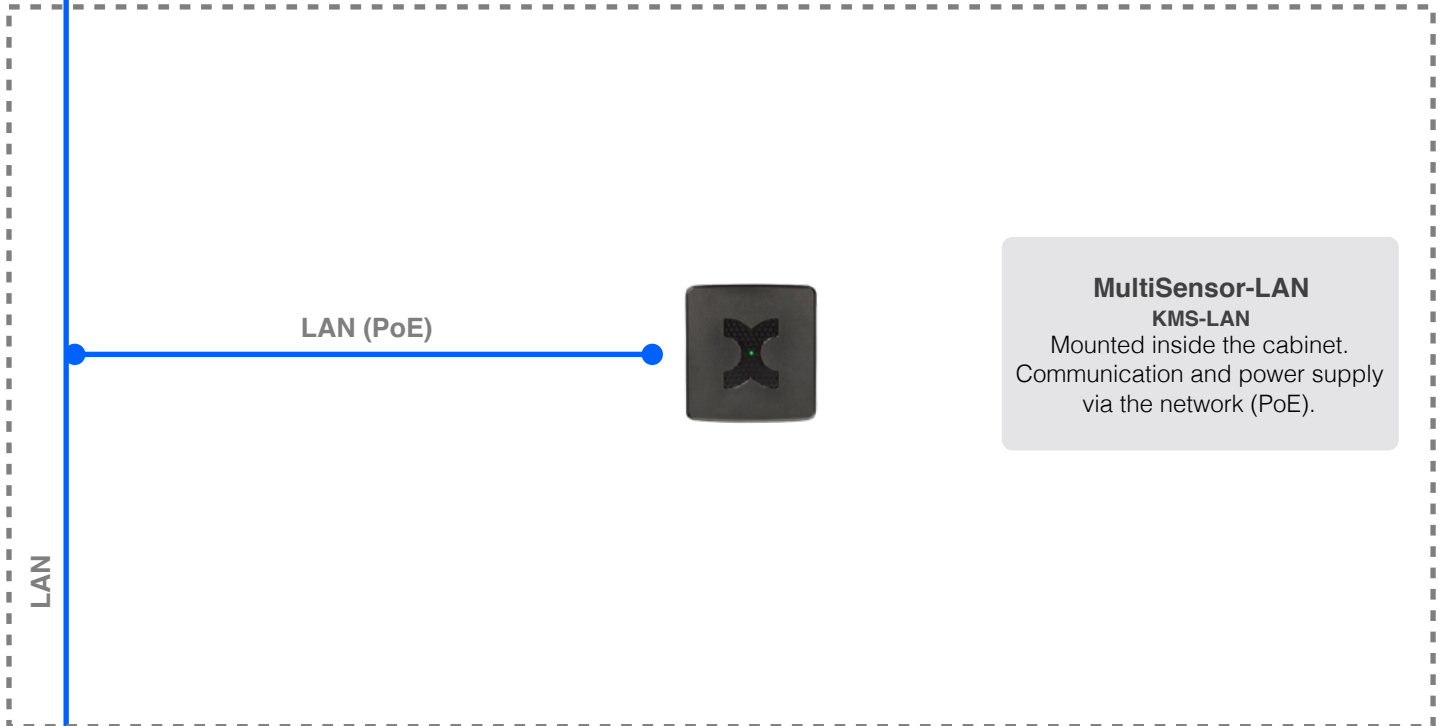
System topology



Central server / engineering room

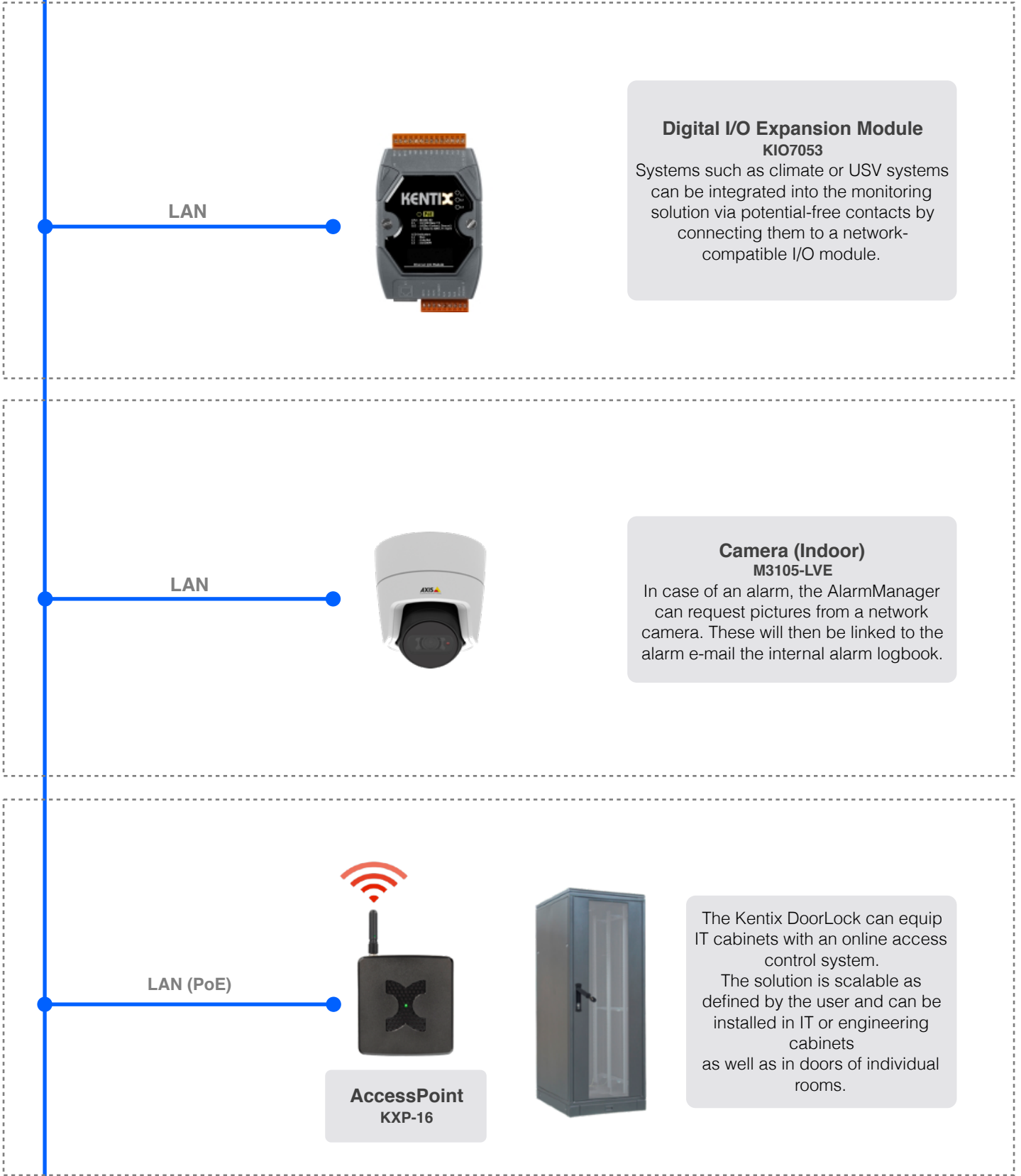


IT- / engineering cabinets



Mounting and configuration: Server / engineering room - approx. 3-4 hours
IT / engineering cabinets - approx. 1 hour each

System topology Expansions



LAN

Parts list - Ordering assistance - central server / 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 €
KeyPad-Touch	KKPT	1	490,00 €

Parts list - Ordering assistance - IT / engineering cabinets

Device Name	Item Number	Quantity	Price in EUR
MultiSensor-LAN	KMS-LAN	1	475,00 €

Expansions

Device Name	Item Number	Quantity	Price in EUR
Digital I/O Expansion Module	KIO7053	1	465,00 €
Camera	M3105-LVE	1	369,00 €
StarterSet-DoorLock	KXC-CS1	1	825,00 €
Profile half cylinder for IT cabinet	KXC-50AA	1	from 80,00 €

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