



**NOXSYSTEMS**

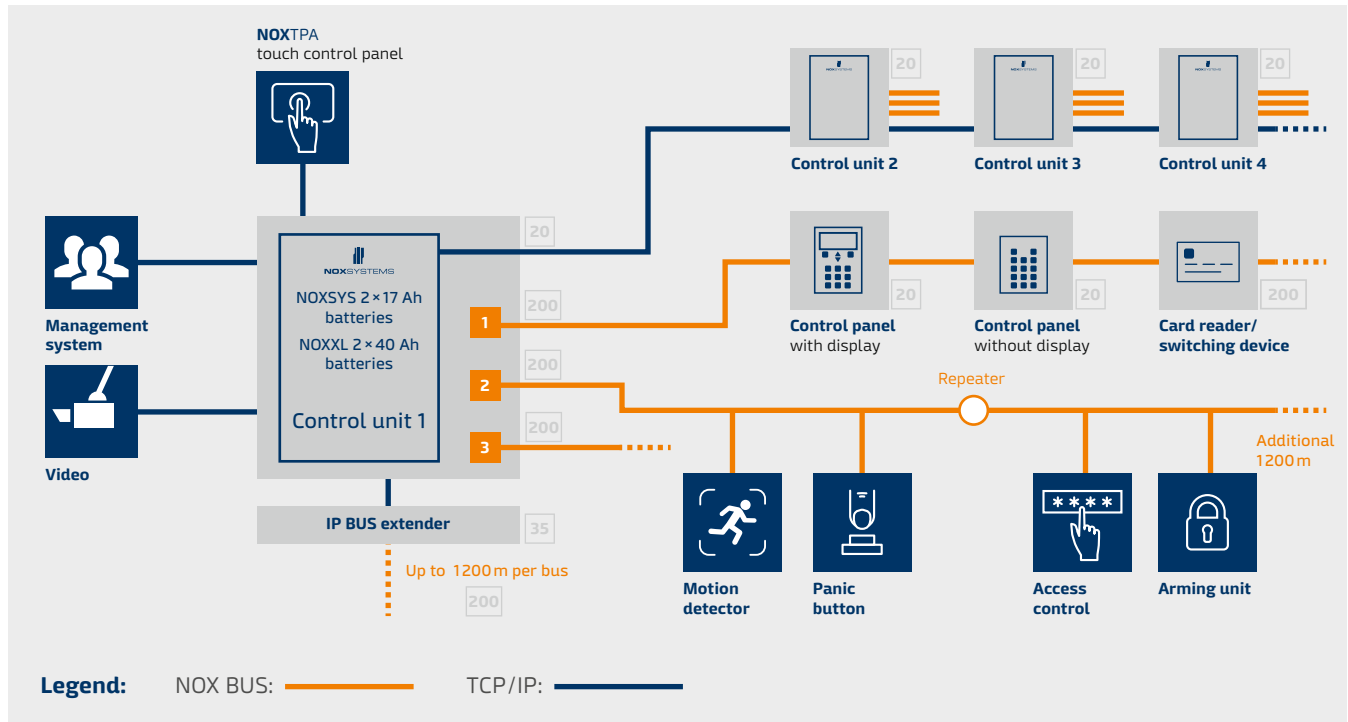
perfecting your sense of security



**NOXSYS**

A SYSTEM FOR THE HIGHEST  
LEVEL OF SECURITY

# EVERYTHING IN VIEW, EVERYTHING UNDER CONTROL



## Clearly arranged flexibility

Despite performing complex functions, NOX SYS is the convincing choice thanks to its ease of operation and quick access.



## Simple networking of control units

Compatibility is paramount: Multiple control units also work as a system over greater distances.



## Practical video integration

An ideal opportunity to optimise interventions and minimise consequential costs.



## Clever computer architecture and software structure

Rely on the highest fail-safe performance achieved by this highly modern and intelligent system.



## Expandable with ease and flexibility

Many configurations and sizes can be created thanks to the modular structure.



## For the highest security requirements

This is achieved by the precise method with which the communication of the individual components is encrypted.

## JUST LIKE A CUSTOM-MADE SOLUTION.

*NOX SYS is a modern burglar-alarm control centre, designed for large-scale facilities and applications where the highest level of security is required. High-quality electronic components with cleverly devised and secure software provide perfect interaction in all issues. You can therefore fully rely on a solution which is seamlessly integrated in your company, in your structural conditions, existing processes and security components.*

### **Ease of operation and user friendliness**

Regardless of how complex, automated and multi-functional our security and protection system is, its usability is still of primary importance. It must be simple, fast and clearly arranged. After all, it must work perfectly on a day-to-day basis – both in standard situations and during exceptional conditions. We at NOX know that there are not always technicians around to adjust common settings such as the arming/disarming of rooms and areas, the correct evaluation of display readings or the proper way to respond to alarms. So we have worked together with users to develop a platform which is easy to understand and facilitates simple handling. For you, this means security you can completely rely on.

### **Practical access control functions**

Components such as biometric or card readers can be used both for controlling the doors and for the burglar alarm system, and it is possible to connect the card readers per door control module. Up to 100 000 users can be split up in to different groups – with each individual door control unit managing more than 200 users offline. The operating concepts can also be individualised and it is possible to assign rights and time profiles to different users.

### **Not a failure in an emergency**

Thanks to the intelligence of the NOX SYS, you can rely on your system to react fully automatically if you have a power failure. An uninterruptible power supply is thereby guaranteed. Two 40 Ah batteries can be accommodated in the large NOX XL control unit housing. Enough to cover an appropriate back-up period. The standard housing has room for two 17Ah batteries. This uninterrupted operational safety gives you enough time to find out the cause of the failure. The batteries are incidentally tested daily – if something is wrong, a message will immediately appear on the display or at the security company. Measurements and statistics recorded online provide a good overview of all of the supply data and a possibility for diagnosis.

### **Added protection**

The peripheral modules are integrated in the standardised plastic housing to ensure optimum tamper protection. The modules are also connected to the system with an encrypted bus – here each individual one has its own system address and it is possible to freely program and link all inputs and outputs within the configuration software.

# SECURITY HAS A NAME.

## Needs oriented: the controller

Convenience also means being able to shape one's own surroundings. Thus you are free to decide whether you would like to control your security system via the standard control panel, touch panel, smartphone, tablet, PC or a control system. You can also select the areas, functions, language, etc. of the manual yourself to suit your needs.

## Simple: logging on

If a user profile has been created, a user can log on quickly and easily with a PIN code, a biometric system, a key switch or badge. The user in question then has access to the system functions for which authorisation has been given and can process messages at the touch of a button based on clear symbols, and all this in the selected language.

## Intuitive: the control panel

Whether alone or combined with others: the NOX SYS control panel is impressive thanks to its optimum overall arrangement and practical requests for action. A LCD display shows the system's actual status and points to areas requiring action in an easily comprehensible manner.

## Efficiently: NOX remote access

Remote maintenance and diagnostics are enabled without difficulty through the connection to IP networks. A well-conceived and welcome function which is accompanied by a considerable reduction in both costs and spare parts.

## Without limits: the control unit bus

A significant factor for quick communication with the control unit and short reaction times, the control unit bus is an important part of the NOX SYS. The encrypted bus line which is based on RS485-technology also takes care of the management of up to 200 components per bus line. Together with the three already included internal control unit buses, it is possible to provide up to 38 independent segments at full performance by providing an extension with IP components. The distance is also impressive. Using just a standard cable, the NOX BUS can be guided for 1200 m and extended several times with repeaters. A range of over 10 km is possible. An unlimited distance is also theoretically possible using fibre optics or Ethernet.





### Strong: the control unit

The control unit with high-performance Quad-Core processor is located in sturdy, shielded steel housing. Up to 20 control units can be linked to one another with an IP connection and can be designed redundantly for high-security applications. The system configuration, alarm transmission and management system connection are performed with modern technology via an internal IP interface.

### Practical: the PC controller

A control panel is good, but some people prefer to control with a PC in order to record data, create new users or assign user rights, for example. No problem – the system can be operated locally or across different locations with the appropriate software.



### According to plan: the touch panel

Which areas are armed or disarmed? Where is there a need for action to be taken? And where have alarms been triggered? Everything is clearly visible thanks to the display of the building floor plan. Authorised users can not only look, but also directly act using the touch panel.

### NOXTPA

### Flexible: the parameter settings

The quality of a system can be seen in the detail. With the NOX SYS there are numerous «minor details» such as the flexible calendar and control functions or individual parameter settings which can be variably adjusted. Very complex control systems can be created on the free programming interface.

### Distinguished: the certifications

If you require the highest level of security, then the NOX SYS and NOX XL are just what you need. Control unit, control panels and select components are certified in accordance with EN50131 grade 3, SSF 1014 ed.5 and VdS class C standards. Approved by the following associations: SES Switzerland, VdS Germany, SBSC Sweden and VSÖ Austria.

# THE RIGHT DECISION IN EVERY AREA.

*Those who can do a lot are in demand. This also holds true for the clever NOX security system which is the optimum answer in practically every industry. Users from the most diverse industries are impressed by its balanced combination of complexity, convenience and modularity.*



## **Functional in building complexes**

Do you have several companies and one single security system with access control and burglar alarm technology? This can be achieved with ease with the multi-client compatible NOX SYS. And for building complexes this is thus an efficient way of saving costs and reducing the administrative expenditure.



## **Uncompromising in banks and financial institutions**

Where money is involved, it is obvious that all thoughts immediately turn to the highest security level possible. This is where the NOX SYS is entirely in its element and fulfils every task involving security and protection.



## **Economic in industrial facilities**

Carefully considered analysis and service functions, and the flexibility offered by the NOX SYS provide clear optimisations in the cost and time management of complex industrial sites. Such as the compatible control function which enables the trouble-free connection of perimeter sensors. Multiple control units can also be networked together in different buildings and operated as a unit.



## **Practical in distributed properties**

NOX is also a perfect partner in the security sector when it comes to extensive areas with unconnected properties. Access control and burglar alarm technology are used in combination – the control units can be controlled individually or as a network. All in all, the multi-functionality increases the level of convenience while simultaneously reducing costs.



## **Popular in museums**

Anyone who has a choice chooses NOX SYS. Thanks to extensive options available when it comes to sensor selection, there is an ideal security solution for every art object. And the services extend beyond motion and contact alarms. Changes in temperature and humidity are reported immediately.

# NOXSYSTEMS

# YOU ARE RIGHT TO FEEL GOOD.

**Consultation** Speak to a specialised installer about your personal requirements and ideas to find the best possible individual solution together. You can find our select partners at [noxsystems.com](https://noxsystems.com).

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**Installation** A trained expert installs the NOX SYS control unit and your selected modules. You are then provided with initial training on how to use the system.

**24-hour service** Our specialist partners offer the best possible support and service should a problem arise.

## For a lasting partnership

All of the components are carefully developed and are impressive thanks to their high durability. These high-quality products from NOX Systems come with a three-year warranty. The company also provides a 10-year spare parts warranty on NOX products.

## For the highest standards

The NOX SYS was developed to meet the highest security standards. The system is certified in the highest class in accordance with EN 50131 grade 3 and class C of the VdS standards and is recognised by the SES, VdS, VSÖ and SBSC associations. Many banks, office buildings, department stores, art galleries and residential buildings rely on it. The systems are continually further developed and adapted in line with current technical and IT threat situations.

## Are you already a NOX customer?

Do you already have a NOX alarm system? Not a problem. Just add the NOX ONE as a «slave control unit» at another location and manage your system as usual via your user interface. You are not dependent on any particular manufacturer when selecting your detectors, sensors and readers for your alarm system.



**NOXSYSTEMS**

perfecting your sense of security

Your specialist partner

Nox Systems AG

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