

AEOS is a powerful, user-friendly access control and security management system based on smart network technology. In AEOS, essential functionalities are configured according to the wishes of the end user by means of peer-to-peer communication and flexible behaviour components.

Using the latest information technology, AEOS offers you a reliable and future-oriented solution to all your security issues – now and in the future.

from home or even when you are travelling. To do this, you can use a secured VPN connection and SSL if you have the required access authorisation.

Easy to Use, Accessible Anywhere

AEOS is web-based. This means that you can access the system from any computer with a web browser: from another branch, another workplace,

Tailored to the End User

To put it simply, using AEOS is extremely secure. Language and user rights can be configured for each individual, so that tasks can be automatically delegated to



the right part of the organisation. Each user only sees those functions and menus to which he has access rights. Apart from restricting system functions according to the type of user, it is also possible to restrict access to data right down to field level. This allows you to determine exactly what data can be entered, edited and viewed and by whom.

You can find an overview of the main aspects of the AEOS system on page 4.

Reliable Decentralised Intelligence

AEOS is based on the principle of decentralised intelligence. All access rights and programmed actions are defined and processed at the lowest level of the system. This means that the operation of the system and the level of security are guaranteed, regardless of the availability of the network or the

system availability and fast, effective rectification of any malfunctions.

Scalable

AEOS is built up from a variety of hardware modules and software components. A system can be built up to meet your exact requirements using standard components. If the situation changes, you can adapt or expand the hardware

AEOS makes use of existing TCP/IP networks. Communication, between the controllers themselves and with the server, is IP-based. What does this mean for you?

- Optimum return on investment in existing networks.
- No additional costs for system-specific cabling.
- Flexibility: if you have a network connection, it can deliver the functionality.

availability of the server. The AEOS system can function independently of the server. The native IP AEOS controllers (AEpu) can communicate directly with each other and with other IP devices such as CCTV cameras. As a result, integration can take place at the lowest system level (e.g. direct communication between the controller and the IP camera), which simplifies implementation and increases speed and reliability.

All the hardware and programmed functions can be monitored and analysed remotely, which makes for optimum

modules and behaviour components (embedded software) that are already in use, immediately and without any problems. That means you never have to invest in hardware or functionality that will not be used. The extremely powerful AEOS behaviour components can be added with a simple click of the mouse, without restrictions. The age of traditional systems, in which functionality was defined by the hardware available, is definitely over!

Seamless Integration

AEOS's open architecture makes it very easy to integrate with other systems.

The access control and monitoring functionality forms the basis for an integrated security management system with intrusion detection and video enhanced events (SMA). SMA makes it possible to respond immediately to an alert with a variety of systems.

For example, the monitor can signal an alert, giving the precise location of the problem and the appropriate instructions. Using the SDK (Software Development Kit) with a special API (Application Program Interface), AEOS-certified system integrators can supply a solution to your specific integration requirements. The configuration of AEOS provides the possibility of real-time data exchange with other systems, such as employee records.

IT Standards

AEOS's architecture uses the existing LAN/WAN infrastructure to communicate. The AEpu controllers are native IP devices and can be connected from any location to the 10/100 Mb TCP/IP Ethernet network. A VPN connection is established for communication between the AEpus and the server. If you wish, you can incorporate the AEOS system in a VLAN. The decentralised intelligence and peer-to-peer communication of the AEpus reduce the load on the network to a minimum. The J2EE-compliant server makes it possible to use separate servers for the application and the



database. Furthermore, you can work with a variety of operating systems and in database environments. The web interface cuts out the need to install client software, resulting in a considerable improvement in accessibility and manageability.

Sound Investment

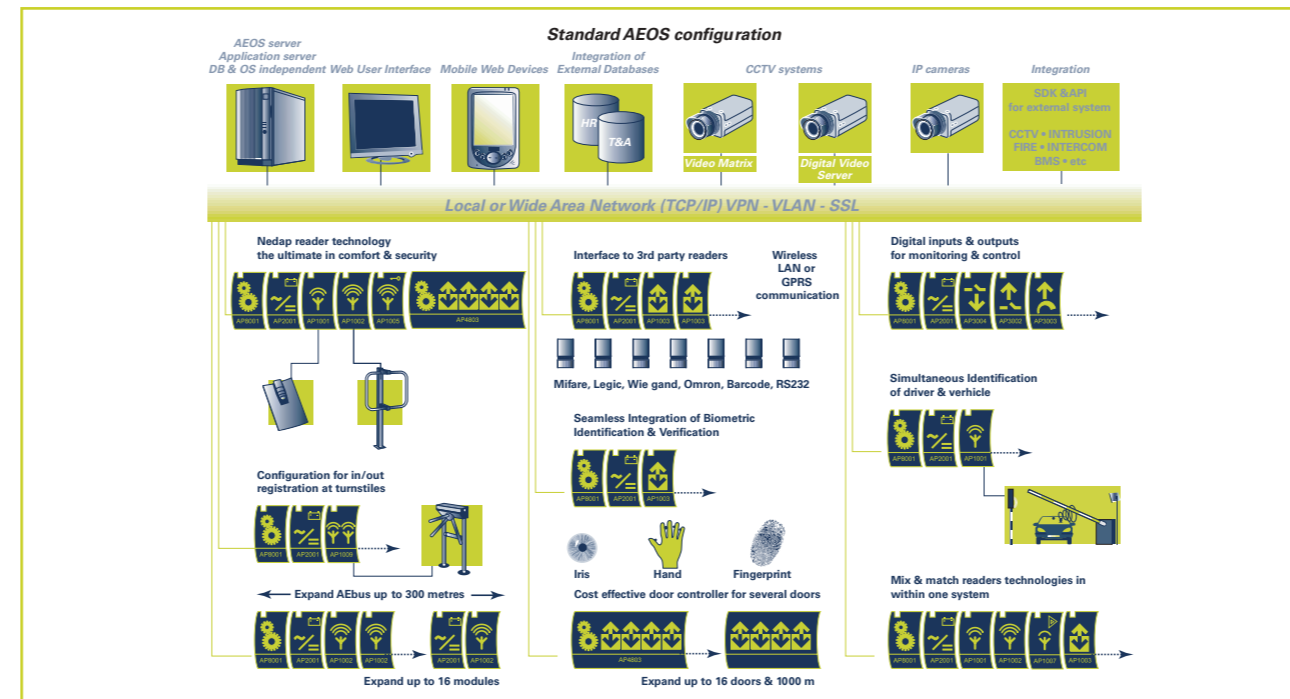
AEOS has been developed to enable you to implement a security management system easily and economically. The licences relate directly to the functionalities that are actually used – so you only pay for what you use.

Whether you want security for a small office or a major enterprise with multiple branches, AEOS will always prove a sound and appropriate investment. Moreover, AEOS allows you to make

better use of the investment you have already made in IT infrastructure. You can just carry on using the existing card/reader technology.

- Access control for employees, visitors, contractors and vehicles
- Freely definable time schedules with multiple intervals and flexible time cycle configuration (e.g. 5 days instead of week)
- Flexible grouping of entrances, independently of the hardware configuration. Doors can be included in several groups
- Access rights by profile. Individually modifiable access rights can be changed without losing the original profile. Configurable start and termination of periods of validity
- Temporary individual authorisations
- In / out registration with multi-level anti-pass back option, with 'hard' and 'soft' APB modes.
- Data authorisation (sector management): allocation of restricted user rights for the execution of specific tasks relating to doors, events and persons
- Advanced authorisation settings, such as 'four eyes', 'chief first' or 'driver and vehicle'
- Integrated PIN code verification with facility to select your own code
- Integrated biometric identification
- Freely configurable unlocking for each entrance
- Unlimited number of freely definable user roles and user rights
- Tasks, definable per user role, that every user can view and select using 'My Tasks'
- Unlimited number of definable free fields for managing supplementary information
- Logbook functionality with search filters for keeping record of who has done what, and when, in AEOS
- Server-independent 'peer-to-peer' linkage of analogue and digital inputs and outputs with behaviour components
- Continuous monitoring of entrances and exits
- Freely definable alerts
- Freely configurable facility to illustrate events
- Graphic User Interface, including freely configurable alert priority and instruction set for each alert (SMA)
- Configurable intrusion functionality for controlled areas, including activation/deactivation of integrated or external intrusion alert systems
- Intrusion alert system can be seamlessly integrated
- Visitor management – including prior announcement by employees and remote printing of badges etc.
- 'My Favourites': personal shortcuts from the application to other web applications
- Access control for contractors and subcontractors, with authorisations linked to jobs and permits
- Control of occupation ratio in an area or space; for example, to indicate the number of parking spaces available
- Blacklist and management of violations that have a direct influence on access rights

AEOS Specifications	
Operating systems supported	Windows 2000, 2003 and XP. Other types on request
Databases supported	SQL 2000, Oracle V8.1.7. Other types on request
Web browsers supported	Internet Explorer 5.0 or higher
Number of doors	Unlimited
Number of badges	Unlimited
Number of events	Unlimited
Number of system users	Unlimited
Min. system requirements	- 1 GB RAM - Intel Pentium IV - Free space on hard disk: 1 GB



Your AEOS-certified reseller:

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