

# Nedap N.V.

[www.nedap-aeos.com](http://www.nedap-aeos.com)

Expertise in electronics, software and precision engineering enables Nedap to design and build smart, net-enabled products and systems in close partnership with customers, using the latest technology and production methods. Nedap is innovative and entrepreneurial. For over eight decades our success has been built on highly successful co-operation with our customers. Nedap shares are quoted on the Amsterdam Stock Exchange.

At our modern headquarters in Groenlo – The Netherlands, all Security Management activities are located under one roof, from R&D to production, to sales and marketing. This ensures a rapid and comprehensive response to our customers' needs. We are well represented internationally, with a network of business partners and sales offices throughout the world, where staff who speaks your language can advise and support you locally.

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# Security Management Solutions



# A new focus in Security Management

With organizations everywhere facing complex demands in terms of security needs, e.g. an increasing flow of people, a growing number of centrally supervised locations or business process support issues, it becomes essential to have a system that can accommodate these demands.

AEOS is a powerful, user-friendly access control and security management system based on smart network technology. Using the latest IT technology, AEOS offers you a reliable and future-oriented solution to all your

security, people flow and business support issues- now and in the future. For example, the AEOS open architecture allows for peer to peer communication between IP devices and configurable access point behavior.

## AEOS Highlights

Security systems are invented to enforce your security procedures. Procedures that derive from your security policy, not from your systems' limitations. Thanks to AEOS its open structure, its configurable behaviour, unlimited users, locations and almost unlimited possibilities to combine different identification and verification technologies simultaneously in one system, you can match your security requirements with your security system. This way, AEOS creates the most suitable solution to execute your security policy.

### Behaviour Components

In the AEOS system, the behaviour of the hardware is determined by the software, creating a freely configurable and flexible system configuration. The AEOS behaviour components, AEbc's, are embedded software components which determine the functionality of the hardware modules, and thus the functionality of your security system. Essential functionalities, (e.g. anti pass back, intrusion detection etc.) can be configured with these AEbc's and changing requirements can be put into effect more easily. Behaviour components can be added to the hardware with a simple mouse click, without restrictions.

### Rule Engine

The AEOS rule engine provides for automatically and consequently taking actions upon predefined conditions. With this functionality, mutations in access rights, which are normally done by hand can be automated and executed based on specific conditions, so called rules. These rules can be pre-specified and derive directly from the companies' security policy. The rule engine reduces the risk of human error and, more important saves you time as it quickly and simply keeps your authorizations up to date.

### Security Levels

Under normal circumstances security management systems allow organizations to regulate and closely monitor employee and visitor traffic. In case of a calamity this carefully constructed control often needs to be given up in a single moment.

With the AEOS feature security levels it is possible to change the authorizations of persons and vehicles from on moment to the other with only one click on a button. By pre-defining various security levels and categorizing everyone who has access to the premises, it is possible to manipulate peoples' and vehicles' access rights instantly upon changed circumstances that will affect your security seriously. Every organization can pre-define its own crisis scenarios and use these to switch to a different access mode, with different authorisation templates in a matter of seconds in case of a deviant situation like a threat or an emergency.

### Sound investment

AEOS has been developed to enable you to implement a security management system easily and economically. Whether you need security for a small facility or a major enterprise with multiple branches, AEOS will prove a sound and appropriate investment. Moreover, AEOS allows you to make better use of previously made investments in IT infrastructure and legacy systems.

# Over 6 million people use a Nedap AEOS security management system daily

ABF AMRO Bank  
ING Bank  
Achmea  
HSBC  
Price Water house Coopers  
Investbank Magdeburg  
Société Général  
Banque Populaire Natexis  
Essent  
ANWB  
TMF Group  
Midvest Broadband  
Belgacom  
France Telecom  
Nortel Networks

Aéroport International de Geneve  
International Medical Centre Jeddah  
Tüv Köln  
European Astronaute Centre  
Corus Aluminium Walzwerk GmbH  
DSM  
Shell  
Voest Alpine Stahl  
Alkan Deutschland GmbH  
Atofina  
Japan Tobacco International  
Porsche Leipzig GmbH  
Renault  
Toyota

Exxon  
Muerdter  
The Kuwait Danisch Dairy  
Company  
Unilever  
CocaCola  
Colgate Palmolive  
ALDI  
L'Oreal  
Elizabeth Arden S.a.r.l.  
Sanofi Pasteur  
IKEA Saudi Arabia  
National Bank of Bahrain  
Ministry of Foreign Affairs Germany

## Case Study

### Security Management at Geneva Airport

Securing and controlling a dynamic environment like an international airport requires a flexible access control system, based on state of the art technology which is able to meet present demands as well as future security requirements.

#### Our field of expertise:

Simultaneous implementation of multiple reader- and credentials technology in the AEOS security management system. Implementation of extensive monitoring, visitor-, contractor-, and vendor & permit management. The implemented features enhance the security standards and provide for comfortable and reliable access for both persons as vehicles.



To comply with the severe security regulations for airports the contractors, vendors and employees can be managed effective and separately via contractor and vendor management as well as permit management. This way the system supports people flow management and your business operations.

Due to the large population of people at airports extensive monitoring is required, especially in the vital areas of airports. Access to these vital areas is checked very carefully. At each area, not only the badge movements are monitored in the system but also visual verification takes place at a 24/7 manned security desk. The security officer verifies via the photo event monitor in AEOS whether the person who is presenting the badge really is the rightful badge owner.