

AEOS 3.1.5



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1 Introduction

In the security management world, change is the only constant factor. With many security systems, responding to this relentless change is time consuming and expensive. That is why Nedap developed AEOS, a truly integral security management platform that is simple and intuitive to use. The key focus in this is not the technology, but the way in which it is used on a day-to-day basis. Because of this, users make less mistakes, increasing your efficiency and security. This customisable approach has led to AEOS 3.1.5 – the most user friendly system that offers certainty in the ever changing world of security.

2 Foundation of AEOS

The development of AEOS is based on the daily use of the system by receptionists, guards, security managers and ICT managers. Because of this, we believe AEOS is the world's smartest security solution. We reinforce this by embracing the principles of: flexibility, cost effectiveness and ease of use. These principles guide everything we do.



Flexible: a security system gives you unlimited functionality, so you can set up your system to suit your needs exactly.



Cost effective: the costs for maintaining and extending your system can be minimised.



User friendly: One system is easier to operate and control.

3 Investment areas

Nedap Security Management has invested over 14 years in AEOS to develop a system that provides unlimited possibilities. Our key focus is the daily activities of our users. That is why we continuously develop AEOS - it always reflects changes in technology, security management and regulations. So you'll always have the **most up-to-date system** without having to invest in a new one.

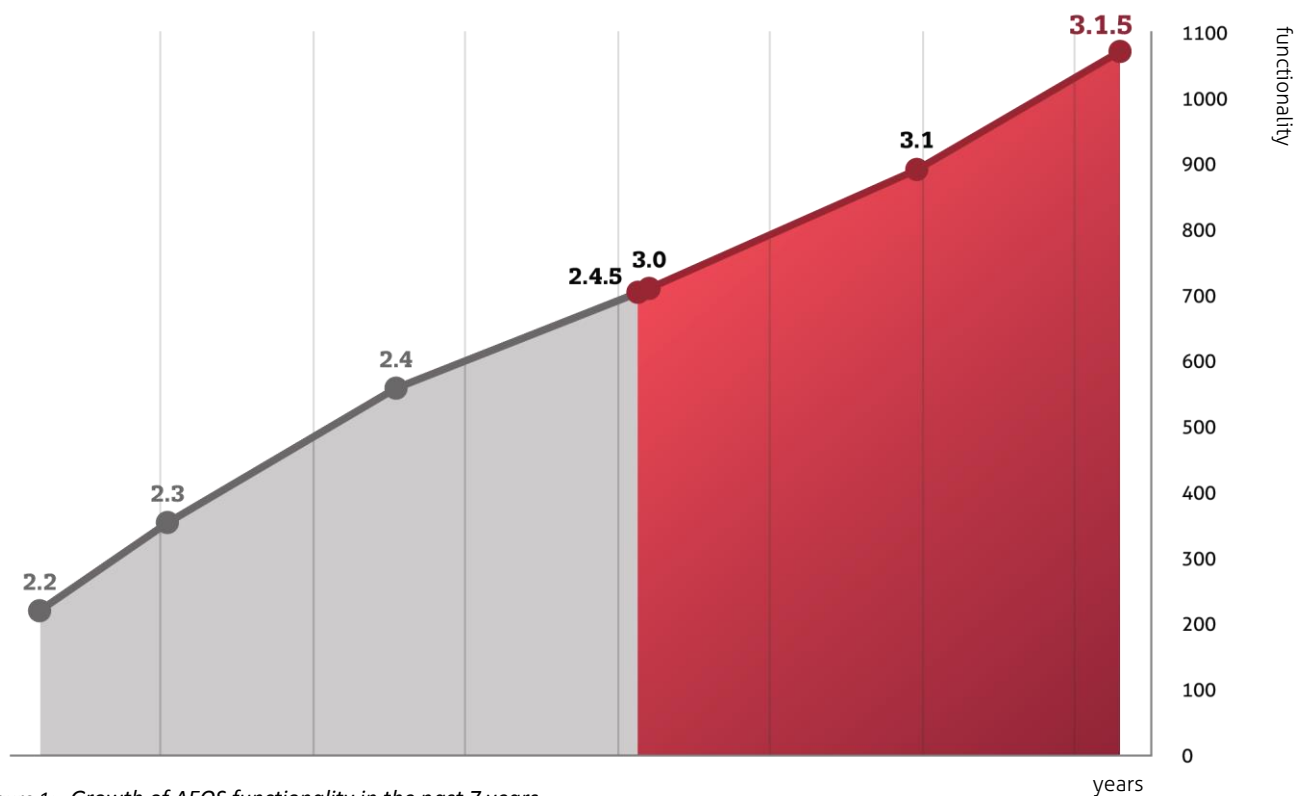


Figure 1: Growth of AEOS functionality in the past 7 years

AEOS 3.1.5 focuses on delivering a security system that delights users through experiences that are modern, accessible and optimised for the user. To deliver upon these expectations, we have focused this release around the following themes:



Everything in one view

Added functionality improves ease and reliability of interpreting events.



Support users in daily tasks

Clean interface and automatic responses improve efficiency and security.



Platform enhancements

Robust platform capabilities offer you more freedom of choice.

4 Key investment overview

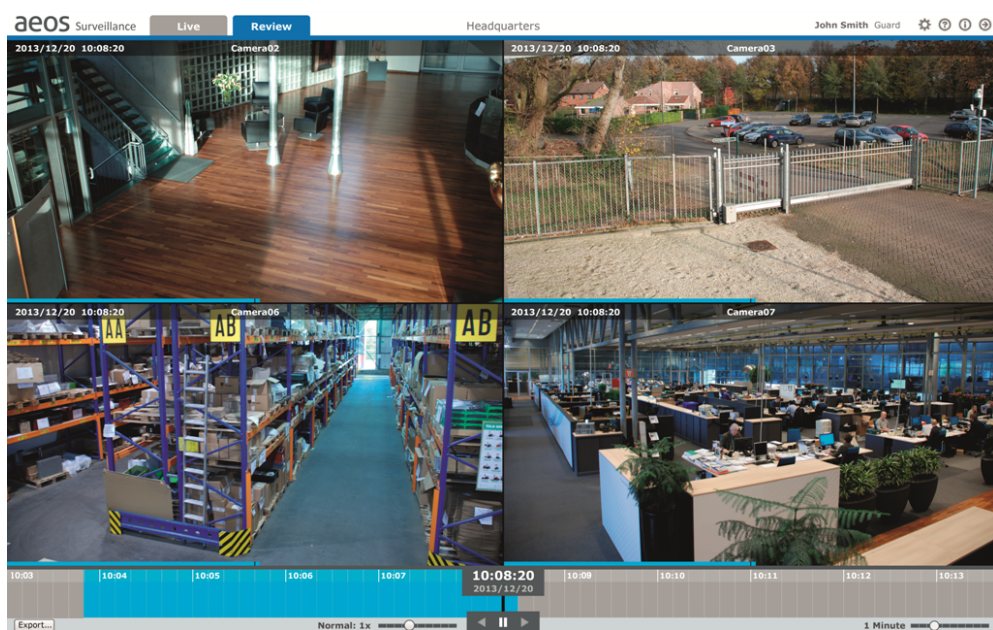
The following topics summarise the investments that are delivered in AEOS 3.1.5.

4.1 Everything in one view

You need to know exactly what's going on at any given moment. AEOS allows you to interpret events captured by your cameras quickly and accurately. When an event occurs, you can immediately retrieve the footage leading up to it to get an insight into what happened, without losing sight of the live footage.

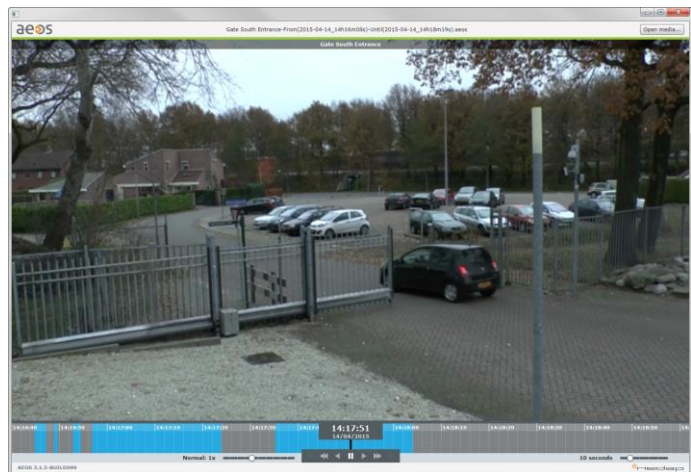
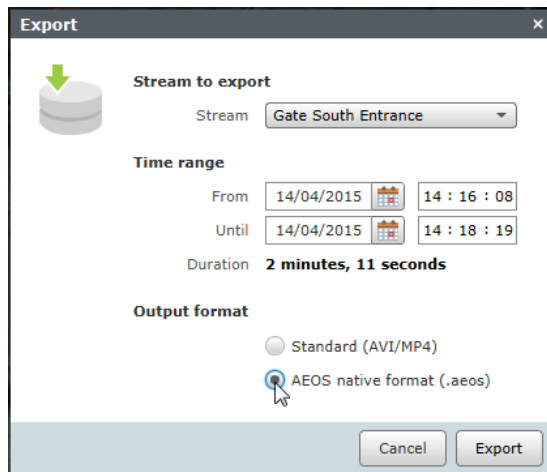
Pre-event buffering

If an event needs investigating, AEOS's review mode lets you quickly interpret all the information about what's happened. You can easily browse the relevant time period and watch recorded images as if they are live footage. AEOS 3.1.5 enables pre-event buffering, so you can quickly retrieve all footage relating to an event, including what led up to it. For each camera you can set the length of time before the actual event from which images need to be stored.



Native export

We have now included native export in AEOS Video. So not only can you export images relating to an event in an AVI or MP4 format, you can also export native files for viewing on our AEOS standalone player. This ensures all information from the camera is displayed, including the name of the file, the corresponding camera and the time period(s) of the images. Moreover, you can use a timewheel to navigate through the images, and you can save them easily by taking snapshots of specific frames.

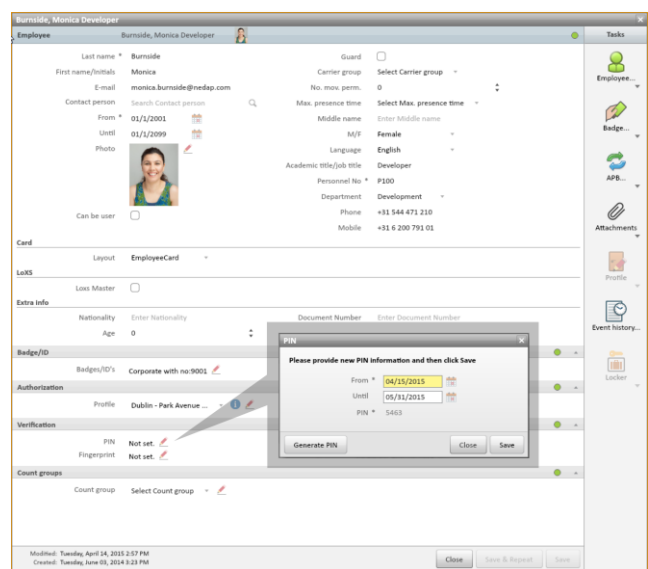


4.2 Support users in daily tasks

The Identity & Authorisation Application is designed to support users in their daily tasks, by showing the right information at the right time and reducing the number of clicks to successfully execute their tasks.

Generate PIN codes & send them automatically

AEOS 3.1.5 makes it really straightforward to generate PIN codes and send them to relevant employees via SMS or email. When you use PIN codes as a means of verification, it's important your employees know what they are, but, for security reasons, the codes need to be changed regularly. Which is why we are enabling you to generate PIN codes with the click of a mouse in your AEOS dashboard. A text is then sent automatically to inform the relevant employee(s) of the new PIN code.



Restrictions on PIN code usage

The flexible setup of AEOS also allows you to set the length of time an employee can access a building or area using the PIN code. AEOS will automatically withdraw authorisations after the door has been opened five times, for example.

AEOS 3.1.5 also allows you to set specific time slots in which employees need to enter a PIN code to gain access. So you can enforce a policy where people can only access your premises outside office hours after successful verification through a PIN code. Whereas employees only need to present their badge to enter the building during office hours.

4.3 Platform enhancements

We believe you deserve the security solution that fits your situation best. That is why we continue to invest in our platform. As a result the AEOS platform is up to date with the latest developments, while complying with the latest standards in security and technology.

Extended card technologies for lockers

Platform enhancements in AEOS 3.1.5 focus on offering you more freedom of choice. Which is why we've extended the integration of Locker Management in AEOS, so you can now operate AEOS lockers with the following card technologies as well as Mifare:

- HID iCLASS,
- Legic Advant and
- I-code cards.

This not only gives you more choice, it also allows you to use the same card technology for access control and locker management.



SOAA updater functionality now available for Legic cards



We have implemented the SOAA industry standard in our AEOS security system. This means you can easily manage the access rights for various brands and types of offline locks, together with your online solutions in a single, central security system. As well as supporting the access cards MIFARE Classic and MIFARE DESFire, AEOS now also supports Legic cards in combination with SOAA. This gives you even more freedom of choice with a broader range of solutions to choose from, ensuring you're no longer locked in to one supplier.

5 Conclusion

Nedap creates added value with products that solve relevant problems. That is why we talk about *technology that matters*. The key focus in this is not the technology, but the way in which it is used on a day-to-day basis. The distinctive aspect of Nedap solutions is that new technologies are processed in a creative and innovative way to create elegant, user-friendly products.

With AEOS 3.1.5 Nedap is committed to deliver this promise for the security market. It is truly an exciting time to engage in AEOS! This document focuses on our key investments in AEOS 3.1.5. Please take a look at our technical release notes for more detailed information on this release regarding access control, video management, intrusion detection, locker management and further platform enhancements. You can find our release notes at www.nedap.net. You can also contact Nedap directly.

For more details on how you can benefit from AEOS 3.1.5, please contact us, or take a look at our website www.nedapsecurity.com. We look forward to keeping you informed of the innovations and capabilities that AEOS will deliver both now and into the future.

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