



TECHNICAL INFORMATION

# **SMAVIA APPLIANCE IPS 2400 II**

## **NEW FEATURES AND CHANGES**

SOFTWARE VERSION 9.17.8

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# ABSTRACT

This document contains information on new features and changes that are introduced with the current software version. Finally, the document provides an overview of the major innovations and changes that have been introduced with the various software versions.

# VALIDITY

This document applies to the SMAVIA appliance IPS 2400 II.

# COMPATIBILITY

The appliance is compatible with the following hardware and software:

- SMAVIA Viewing Client as of version 2.8.13
- SMAVIA Viewer as of version 2.8.13
- PService as of version 3.5.15
- SeMSy® III Video Management System as of version 1.7.3
- HEMISPHERE® SeMSy® Video Management System as of version 1.2.38



## **Software Download**

*The current software versions (SMAVIA) can be downloaded from the appliance in the System > Download dialog.*

# GENERAL NOTES

Note that

- this software version is not offered as an update but only as an installation ex works.
- the innovations are only generally described in this document.
- the use of some functions may require a license subject to charges.
- the Dallmeier support hotline is always available for further questions.

# NEW FEATURES AND CHANGES

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## EXTENSIVE INCREASE IN SYSTEM SECURITY

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**Description** The new version 9.17.8 of SMAVIA Recording Server contains a multitude of components and functions that bring about a significant increase in system security.

- Updated and hardened Linux security kernel
- Secure network authentication (IEEE 802.1X)
- Encrypted data transmission (HTTPS/DaVidS, SSL/TLS 1.2 (AES))

The appliance is therefore now fully suitable for use as a recording system in video security systems with the highest security requirements.

Please note that for technical reasons, this software version is not offered as an update but only as a factory installation.

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## NO IP ADDRESS CHANGE

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**Description** The current version of SMAVIA Recording Server has been optimized for operational reliability. While the appliance is recording, the IP address can no longer be changed over the network (PService 3).

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## DEFINITION OF PASSWORDS AT FIRST START

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**Description** Starting with the current version of SMAVIA Recording Server, the group passwords must be defined the first time the appliance is started. Before this is done, only hard disks can be set up and the appliance can be shut down in an orderly manner.

Note that the serial number of the appliance is still required as password for the first login.

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## H.265 RECORDING

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**Description** SMAVIA Recording Server supports from the current version the recording of Dallmeier network cameras, which encode the video stream with H.265.

Note that H.265 video streams are currently supported by the 5100 series cameras.

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## VIProxy PLUS FUNCTION

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**Description** Since the previous version, SMAVIA Recording Server has been equipped with functions for bundling activated network interfaces into a logical channel.

For the current version, the required licenses have been combined under the new optional ViProxy Plus license. After activation, it allows the second network interface to be used in conjunction with one of the functions:

### **ViProxy**

Setup of a physically separated network for cameras, including WebConfig Routing for Dallmeier network cameras.

### **Link Redundancy**

Redundant connection of the appliance to two switches.

### **Data Throughput**

Bundling of both network interfaces to a channel with double data throughput.

The setting of the functions is done in the *Network > Settings > Ethernet* dialog.

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## NO ENCLOSED DVD

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**Description** For environmental reasons, no DVD is included with the appliance as of this version.

The software previously included on the DVD (SMAVIA) can still be downloaded from the appliance (*System > Download*).

The manuals, also included on the DVD, can be downloaded as usual from the corresponding product page at [www.dallmeier.com](http://www.dallmeier.com).

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## GENERAL OPTIMIZATIONS

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**Description** Various optimizations have been integrated into the current version of SMAVIA Recording Server in the course of general system maintenance:

- Continuously optimized user interface in a new design
- Extended info dialog with display of certificates
- Optional bandwidth limitation for external connections
- Optional bit rate limitation for video streams
- Update of the software in the *System > Download* dialog

# CHANGE HISTORY

Below you will find tabular overviews of the major innovations and changes that have been introduced with the various software releases.

New / Changed Features	Software Version											
	9.17.8											
New user interface	x											
New Linux security kernel	x											
Secure network authentication	x											
Encrypted data transmission	x											
Defining the passwords at the first start	x											
H.265 Recording	x											
Function ViProxy Plus	x											

x = New/changed feature available in software version

o = New/changed feature not available in software version





HEAD & ACCOUNTS OFFICE

Dallmeier electronic GmbH & Co.KG  
Bahnhofstr. 16  
93047 Regensburg  
Germany

tel +49 941 8700 0  
fax +49 941 8700 180  
mail [info@dallmeier.com](mailto:info@dallmeier.com)

[www.dallmeier.com](http://www.dallmeier.com)