



TECHNICAL INFORMATION

# **SMAVIA APPLIANCE IPS 10 000**

## **NEW FEATURES AND CHANGES**

SOFTWARE VERSION 9.7.7 SP A

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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 10 000.

# COMPATIBILITY

The appliance is compatible with the following hardware and software after the update to the current version:

- SMAVIA Viewing Client as of version 2.8.13
- SMAVIA Viewer as of version 2.8.13
- PService as of version 3.5.5
- 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 and PService) can be downloaded from the appliance in the System > Download dialog.*

# GENERAL NOTES

Note that

- this update is free of charge.
- this update is suitable for appliances with a version as of 9.7.6.
- this update is suitable for appliances with a valid maintenance license.
- 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.

# PROCEDURE

The update is available on the corresponding product page at [www.dallmeier.com](http://www.dallmeier.com). It can be executed via network with the PService software or directly at the appliance using a USB stick.



## **Risk of data loss**

*Do not execute this update while the appliance is synchronizing or restoring the RAID system.*

# NEW FEATURES AND CHANGES

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## SUPPORT OF THE SEDOR® AI BASIC SOFTWARE

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**Description** The current version of SMAVIA Recording Server has been extended to support the SEDOR® AI Basic software and offers a clear graphical user interface for configuring the analysis functions.

The SEDOR® AI Basic Software allows for the protection of freely definable areas indoors and outdoors against unauthorized access. The analysis software detects objects approaching a defined area and evaluates their direction of movement and dwell time. The detected events are fed into a powerful object classification system based on neural networks and finally alerted with a corresponding message

The SEDOR® AI Basic Software is only offered ex works for the IPS 10 000 appliance and in conjunction with a powerful GPU card. In addition to the GPU card, the upgrade package includes the license for using the SEDOR AI Basic Software. The analysis function SEDOR® AI Intruder Detection can be licensed as required for individual network cameras or Panomera® systems.

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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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## 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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## 3RD PARTY CAMERAS AND MOTION DETECTION

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**Description** SMAVIA Recording Server supports 3rd party cameras that perform motion detection directly and send corresponding event messages via the ONVIF protocol. Starting with the current version, these event messages are used to control the Motion Detection recording mode.

Please note that the corresponding function is still supported when motion detection is executed on the appliance.

Please also note that a separate license is required for the recording of 3rd party cameras.

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## PANOMERA® AND MOTION DETECTION

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**Description** The current version of SMAVIA Recording Server has been optimized for the recording of Panomera® systems in Motion Detection recording mode with pre-alarm.

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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:

- Optimizations for the use of the appliance without NTP server
- Change of PRemote Audio to 64 Bit
- Restriction of files for download via SMAVIA Viewing Client
- Support of non-standard RTSP streamers
- 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								
	9.7.1	9.7.1 SP C	9.7.1 SP D	9.7.2 SP A	9.7.3	9.7.4 SP A	9.7.5 SP A	9.7.6	9.7.7 SP A
Bit rate up to 50 Mbps for Dallmeier IP cameras	o	x	x	x	x	x	x	x	x
LDAP messages with describing text	o	x	x	x	x	x	x	x	x
Detailed messages on camera failure	o	x	x	x	x	x	x	x	x
Export on NTFS media	o	x	x	x	x	x	x	x	x
HDD capacity and RAID system	o	o	x	x	x	x	x	x	x
RTP recording and firewall	o	o	x	x	x	x	x	x	x
Panomera® combinations	o	o	o	x	x	x	x	x	x
VCA technology	o	o	o	x	x	x	x	x	x
LAN Data Interface	o	o	o	x	x	x	x	x	x
Mixing of the track modes Automatic and Manual	o	o	o	x	x	x	x	x	x
Optimized JBOD support at startup	o	o	o	x	x	x	x	x	x
Bonding of Ethernet Channels	o	o	o	o	x	x	x	x	x
Function MaxAge	o	o	o	o	x	x	x	x	x
DMVC Server with 4K	o	o	o	o	x	x	x	x	x
License DLC - ViProxy Plus	o	o	o	o	o	x	x	x	x
Switching Recording Profiles	o	o	o	o	o	x	x	x	x
HTTPS/DaVidS encryption	o	o	o	o	o	x	x	x	x
Recording of H.265 video streams	o	o	o	o	o	o	x	x	x
VCA events to alarm host	o	o	o	o	o	o	x	x	x

New / Changed Features	Software Version								
	9.7.1	9.7.1 SP C	9.7.1 SP D	9.7.2 SP A	9.7.3	9.7.4 SP A	9.7.5 SP A	9.7.6	9.7.7 SP A
Setting MTU Size	o	o	o	o	o	o	x	x	x
Dashboard support prepared	o	o	o	o	o	o	x	x	x
Moxa interfaces as of version 2.5	o	o	o	o	o	o	x	x	x
Only one channel license for one Panomera®	o	o	o	o	o	o	o	x	x
Secure network authentication (IEEE 802.1X)	o	o	o	o	o	o	o	x	x
HTTPS/DaVidS to SMAVIA Viewing Client	o	o	o	o	o	o	o	x	x
Preparation for SVC 3 Dashboard	o	o	o	o	o	o	o	x	x
Recording of Encoder 2	o	o	o	o	o	o	o	x	x
Support of the SEDOR® AI Basic Software	o	o	o	o	o	o	o	o	x
Definition of passwords at first start	o	o	o	o	o	o	o	o	x

x = New/changed feature available in software version

o = New/changed feature not available in software version



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