Dallmeier

REV. 1.0.0 | 2023-02-01

TECHNICAL INFORMATION

SEMSY® COMPACT

NEW FEATURES AND CHANGES

SOFTWARE VERSION 5.3.42

MADE IN GERMANY

See more.

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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 SeMSy® Compact software.

COMPATIBILITY

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

- SeMSy® Recording Server V10 as of version 10.x.1
- SMAVIA Recording Server V9 as of version 9.x.10
- SMAVIA Recording Server V8 as of version 8.x.12
- PGuard advance as of version 4.7.2
- Operating system Microsoft Windows 10 (64 Bit)
- NVIDIA driver as of version 456.38

> ***Software Download***
> *The current software version of SeMSy® Compact is available in the download center at www.dallmeier.com.*

GENERAL NOTES

Note that

- this update is free of charge.
- the innovations are only generally described in this document.
- the use of some functions may require a license subject to charges.
- the Dallmeier support hot-line is always available for further questions.

PREPARATION

Before installing SeMSy® Compact, the driver of the graphics cards should be updated. This is not required for the installation itself, but for the subsequent first start of SeMSy® Compact and the ongoing operation. The required version 456.38 of the NVIDIA driver can be obtained from the Internet, for example at https://www.nvidia.com/en-us/drivers/results/163532/.

UPDATE

SeMSy® Compact is only offered as a full installation. An older version can be updated by installing it into the existing installation directory, whereby the configuration is taken over. If the default settings of the new version are to be used, the old version must be uninstalled and the installation directory deleted.

INSTALLATION

The installation of SeMSy® Compact must be done by a user with administrator rights for the operating system. After the installation SeMSy® Compact must be started at least once by this administrator, so that the necessary entries are written into the Windows registry and are then also available for users without administrator rights.

DOWNGRADE

SeMSy® Compact introduces in version 5.2.3 (and thus in version 5.2.23, 5.3.31, etc. as well) a new encryption of the configuration file ***ProgramData.bin***. If you want to change back to the old version 5.1.19 after the installation of version 5.2.3, 5.2.23 or 5.3.21, the configuration file must first be exported (Configuration -> Import/Export). After the installation of version 5.1.19 the file can then be imported accordingly.

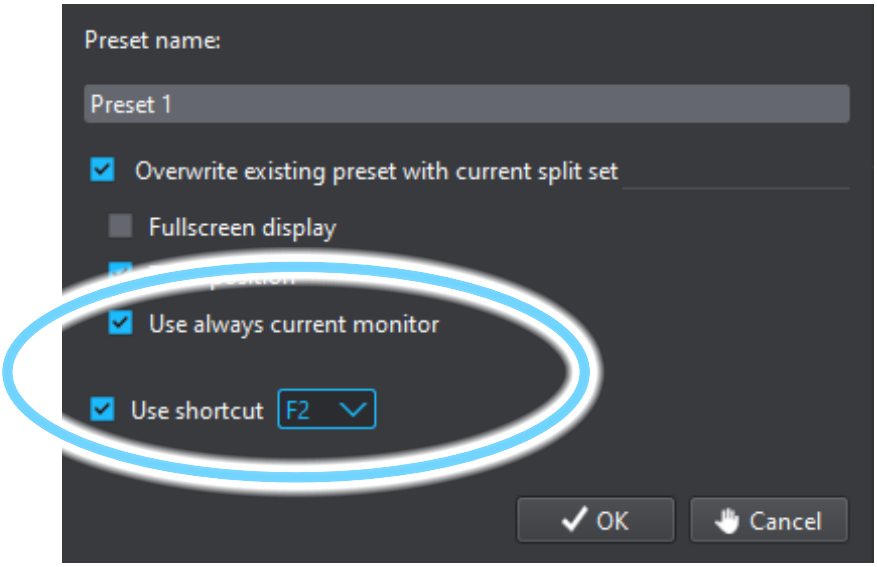
NEW FEATURES AND CHANGES

EXTENDED PRESETS

Description

The previous versions of SeMSy® Compact already supported the definition of presets for display, e.g. the definition which camera is displayed in which split. This function has been extended for the current version.

Starting with the current version, a preset can be permanently assigned to one of the connected monitors (optional license may be required) with the check box ***Always use current monitor***. In this case it is possible to save Detail Views in the preset, even if they are to be displayed on a secondary monitor.



In addition, presets can now be assigned to specific function keys, supporting quick and easy activation.

DETAIL VIEWS WITH ANALYTICS DATA

Description

SeMSy® Compact already allows in earlier versions the display of the analytics details (frame, object type, acquisition duration, etc.) of the detected objects in a split.

Starting with the current version of SeMSy® Compact, Detail Views also support the display of analytics details. In addition, after clicking on an object displayed in the split, all analytics details are displayed in the ***VCA/AI Details*** window.

REDUNDANCY FOR SEMSY® COMPACT PRO DONGLE

Description

As in the previous versions, the licensing of the extended functions (Multi Display Split-View, Monitorwall and Combined Panomera® View) is done via a dedicated ***SeMSy® Compact Pro Dongle*** with ***serial number***.

The SeMSy® Compact Pro dongle is offered as a ***Pro Max*** variant for licensing a single workstation. The ***Net 10*** or ***Net 250*** network variants of the dongle allow the licensing of the extended functions on several workstations, which must be permanently accessible in the same network.

If network dongles are used, the use of multiple dongles allows highly available licensing of the extended functions on all workstations. In this case, the SeMSy® Compact Dongle Clone is an exact copy of the primary dongle.

The redundant licensing of the system requires at least three SeMSy® Compact dongles (1× primary dongle and 2× dongle clone), which must be permanently accessible via the network when connected to different workstations. In this configuration, the failure of one dongle can be compensated.

EXTENDED TIME OF USE OF COMFORT FUNCTIONS

Description

SeMSy® Compact offers several convenience functions (timeline, interval jumps and SmartFinder) for the efficient evaluation of video streams and analytics data stored on Dallmeier recording systems.

To use these functions, the recording system must still have a valid license for the use of convenience functions and maintenance. After a gapless licensing period of 60 months, SeMSy® Compact from the current version onwards allows the unrestricted use of the convenience functions in connection with the corresponding recording system for an unlimited period of time.

RIGHT FOR CONTEXT MENU IN SPLITS

Description

A new right ***Allow split context menu*** has been integrated into the current version of SeMSy® Compact. With this, the use of the context menu in the splits can be activated or deactivated as usual in the user administration for individual user groups.

GENERAL OPTIMIZATIONS

Description

Various optimizations have been integrated into the current version of SeMSy® Compact in the course of general system maintenance:

- Logging of user actions extended
- Format of date display unified in English
- Display of live images optimized for UDP connections
- Configuration of the display of received flight data for local tracks integrated
- SeMSy® Compact automatically in foreground when display of a camera is activated by Dallmeier Event Management Software
- Display of the correct recorded time of analog cameras optimized
- Intercom function with Dallmeier Recorder as proxy prepared

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											
	5.1.10 (2021-02-26)	5.1.19 (2021-05-05)	5.2.3 (2021-07-26)	5.2.23 (2022-02-16)	5.3.21 (2022-08-04)	5.3.42 (2023-01-15)						
Automatic disconnection	o	x	x	x	x	x						
Right for manual connections	o	x	x	x	x	x						
OpenSSL Security Fix CVE-2021-3450 and CVE-2021-3449	o	x	x	x	x	x						
PRemote-HD filter optimized	o	x	x	x	x	x						
Display of external split views optimized	o	x	x	x	x	x						
Search in defined period on several days	o	o	x	x	x	x						
Search with object size filter	o	o	x	x	x	x						
Display of search criteria with tooltip	o	o	x	x	x	x						
User rights for camera and track selection	o	o	x	x	x	x						
Individual encryption of the configuration data	o	o	x	x	x	x						
Integration Panomera® Streaming Server III	o	o	x	x	x	x						
Panomera® live warning	o	o	o	x	x	x						
SmartFinder for DOMERA® fisheye cameras	o	o	o	x	x	x						
Display of analytics confidence	o	o	o	x	x	x						
Combined Panomera® View and Monitorwall	o	o	o	x	x	x						
Extended function Flight Data Display supported	o	o	o	o	x	x						
Licensing of extended functions with the SeMSy® Compact Pro Dongle	o	o	o	o	x	x						

New / Changed Features	Software Version											
	5.1.10 (2021-02-26)	5.1.19 (2021-05-05)	5.2.3 (2021-07-26)	5.2.23 (2022-02-16)	5.3.21 (2022-08-04)	5.3.42 (2023-01-15)						
Optional maintenance license for extended functions	o	o	o	o	x	x						
Dialog for managing licenses for extended functions	o	o	o	o	x	x						
Setting the number of modules with full resolution in Panomera® Eco Mode	o	o	o	o	x	x						
Output of the technical transmission data of the received video streams	o	o	o	o	x	x						
Window for displaying analytics details	o	o	o	o	x	x						
Presets for displaying analytics details in the split	o	o	o	o	x	x						
Support Pixelation AI Server 3.1.0	o	o	o	o	x	x						
SmartFinder optimized for fisheye cameras at 360° view	o	o	o	o	x	x						
Translations of the user interface optimized and extended	o	o	o	o	x	x						
Presets with Detail Views and function keys	o	o	o	o	o	x						
Detail Views with analytics data	o	o	o	o	o	x						
Redundancy for SeMSy® Compact Pro Dongle	o	o	o	o	o	x						
Extended time of use of comfort functions	o	o	o	o	o	x						
Right for context menu in splits	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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