



TECHNICAL INFORMATION

SEMSY[®] COMPACT

NEW FEATURES AND CHANGES

SOFTWARE VERSION 5.2.3

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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
- Operating system Microsoft Windows 10 (64 Bit)



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.

DOWNGRADE

SeMSy® Compact introduces in version 5.2.3 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 a, 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.

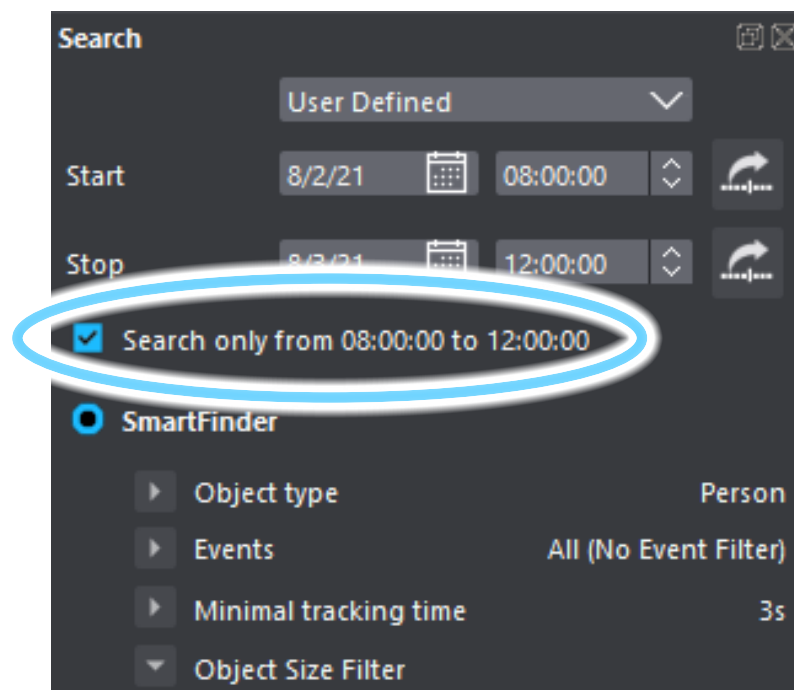
NEW FEATURES AND CHANGES

SEARCH IN DEFINED PERIOD ON SEVERAL DAYS

Description SeMSy® Compact already supported in previous versions the definition of user-defined time periods for the search with SmartFinder over several days. Thereby all relevant events of the whole period were displayed. In the example below all events that occurred from 8/2/21 at 08:00 to 8/3/21 at 12:00.

For the current version, a new option has been added to this filter function. The set times of day are used to define a period that is relevant on each of the set days.

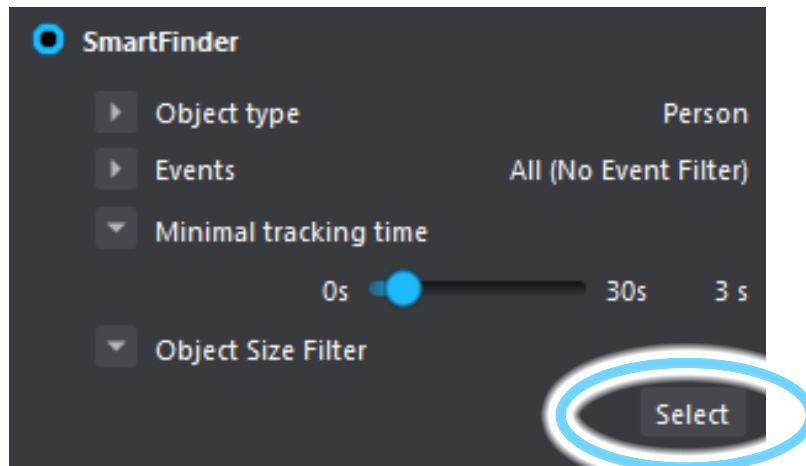
If, as in this example, the **Search only from 08:00 to 12:00** option is activated, only events that occurred on 8/2/21 or on 8/3/21 in the period from 08:00 to 12:00 are displayed.



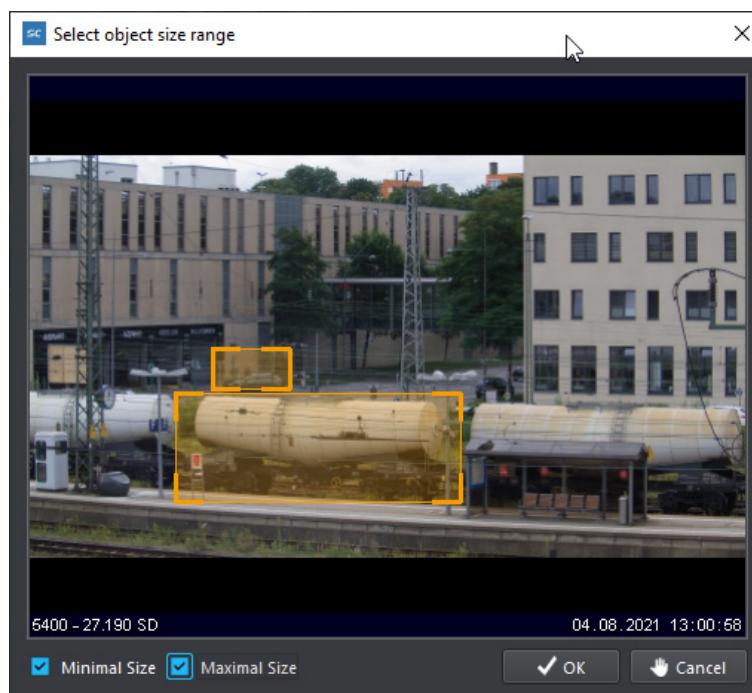
This option is very helpful if the approximate time of the searched event is known, but not the day on which it occurred. Or if generally only the events on, for example, mornings are of interest.

SEARCH WITH OBJECT SIZE FILTER

Description The search function of SeMSy® Compact has been extended with a filter for minimum and maximum object sizes. The filter is applied after performing a search and helps to limit the result list to relevant objects.



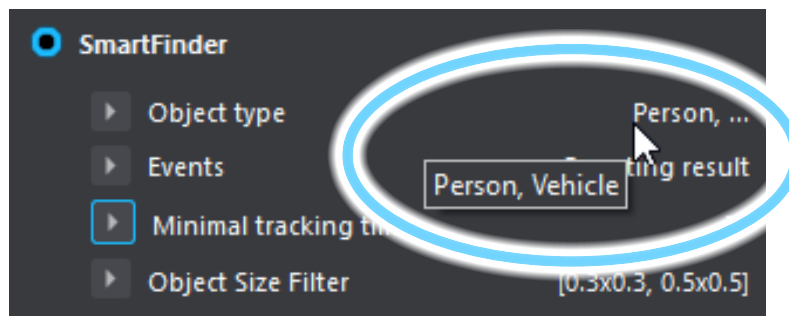
With a click on **Select** under *Object Size Filter* the dialog *Select object size range* is displayed.



After activating the required check box, the minimum and maximum size can be set by drawing a square.

DISPLAY OF SEARCH CRITERIA WITH TOOLTIP

Description The search function of SeMSy® Compact has been extended with the display of search criteria with tooltip.

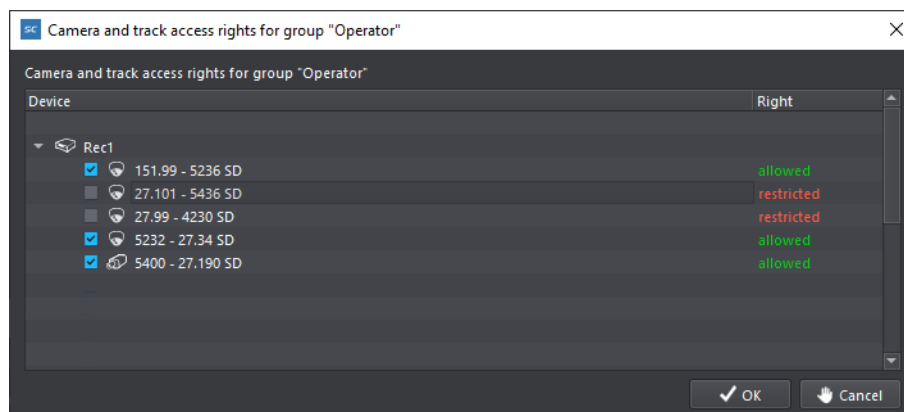


The set search criteria are displayed on the right side when the corresponding selection is collapsed. If more criteria have been set than can be displayed, a small enumeration is output in a tooltip as a mouseover effect.

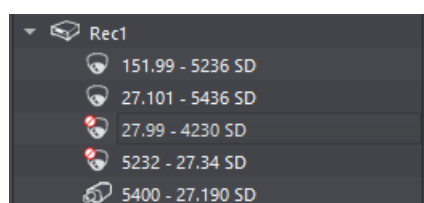
USER RIGHTS FOR CAMERA AND TRACK SELECTION

Description For the current version of SeMSy® Compact, the integrated user management has been extended for detailed control of access authorization to individual cameras/tracks of the system.

With default settings, the users of a group can access all cameras/tracks. In the user administration, the **Camera and track access rights** dialog is opened by a click on **Cameras and tracks** (bottom right). Here, the access rights for individual cameras can be restricted.



The blocked cameras are marked accordingly in the camera tree.



INDIVIDUAL ENCRYPTION OF THE CONFIGURATION DATA

Description For security reasons, the current version of SeMSy® Compact encrypts the configuration data stored in the *ProgramData.bin* file for each workstation individually. This prevents an unauthorized person from copying the configuration and using it on another workstation.

However, administrators can still export and import the configuration, and thus quickly and easily configure multiple workstations in the same way. For security reasons, the corresponding authorization should be restricted in the user administration.

INTEGRATION PANOMERA® STREAMING SERVER III

Description As of the current version, SeMSy® Compact allows the bandwidth-saving connection of Panomera® systems via the Panomera® Streaming Server III. In addition to the display of live images, the playback of recordings and a PTZ function are supported.

GENERAL OPTIMIZATIONS

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

- Object type palette for SmartFinder integrated
- Various internal optimizations and improvements to the GUI

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)							
Automatic disconnection	o	x	x							
Right for manual connections	o	x	x							
OpenSSL Security Fix CVE-2021-3450 and CVE-2021-3449	o	x	x							
PRemote-HD filter optimized	o	x	x							
Display of external split views optimized	o	x	x							
Search in defined period on several days	o	o	x							
Search with object size filter	o	o	x							
Display of search criteria with tooltip	o	o	x							
User rights for camera and track selection	o	o	x							
Individual encryption of the configuration data	o	o	x							
Integration Panomera® Streaming Server III	o	o	x							

x = New/changed feature available in software version

o = New/changed feature not available in software version

[T H I S P A G E W A S I N T E N T I O N A L L Y L E F T B L A N K]

[T H I S P A G E W A S I N T E N T I O N A L L Y L E F T B L A N K]



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