SEDOR® Analysis Applications

SEDOR[®] analysis applications are always active on DVS appliances. The integrated SMAVIA Recording Server software allows for the deactivation (disarmed) and activation (armed) of the analysis applications by contact events as of version 8.x.8.

Contact events are triggered by the *Contact IN interface* on the appliance (HW), an *Ethernet I/O interface* or by an external application over the *DaVid protocol* (IP).

For the use of this function the following software versions are required at least:

- DVS Analysis Server 8.x.8
- SMAVIA Viewing Client 2.2.0.3
- PGuard advance 4.3.3.16

Assignment of the function



- > Open the user interface of the appliance.
- Open the Contact IN dialog over Interfaces > Contact IN.
- > Select the required contact (*Global* or *Camera*).
- > Set SEDOR arm/disarm as a function.
- > Click the **P** button in the **Function** column.

The Contact Parameter dialog is displayed.

- Set the activation (*Arm*) or deactivation (*Disarm*) of the analysis application.
- Set the execution of the action for single Cameras or all cameras (Device).
- Select the *Cameras* with a click on the corresponding button if required.
- > Confirm with OK.

Use the **Function n. c.** of the same contact to activate (arm) a deactivated (disarmed) analysis application again.

This configuration allows for the connection of an **On/Off** switch.



Assignment of the trigger



 Activate the *IP* check-box to trigger the contact event by an external application over the *DaVid protocol* (Ethernet).

Or:

Activate the HW check-box to trigger the contact event by the Contact IN interface on the appliance.

Or:

 Click the *P* button in the *ONVIF* column to trigger the contact event by an *Ethernet I/O interface* (Ethernet).



SEDOR® Analysis Applications

Display of the status

The external SMAVIA Viewing Client software allows for the display of the SEDOR® analysis status as of version 2.2.0.3.

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eneral Login Local tracks Recorder I	Monitors Camera contro	I External applications Hot
View		
Connection monitor	Language:	English
Double split display	Splits on right side :	One split window 💌 🚺
Split		
Border: Single 💌	Display Mode:	Aspect Ratio
GPU acceleration (Nvidia CUDA)	Aspect Ratio:	16:9
✓ Use DirectX	DirectX features:	3D9 💌
Display		
Always show sensor grid	Display duration	2400 -
Show milliseconds	Position:	Corners & box
Show recording state	Font size:	ARIAL8
Display "arm/disarm" icon		

- Open the Configuration dialog over Program > Configuration.
- Activate the check-box *Display arm/disarm icon* in the section *Display*.
- > Confirm with OK.



The display of status icons is highly recommended!

The status of the analysis application is indicated with the following icons during the live display of the DVS appliance cameras:



inactive (disarmed)



Notification of status change when triggered by the Contact IN interface

The external PGuard advance software allows for the reception and processing of status messages from SEDOR[®] analysis applications as of version 4.3.3.16.

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Co	Departure	Recorder	Camera	Message type	Additional info
Δ	09/07/2015, 14:50:58	DVS Server	2	Analysis Status	Status: ARMED; Trigger: Hardware; ;
	09/07/2015, 14:50:47	DVS Server	2	Analysis Status	Status: DISARMED; Trigger: Hardware;
1					

- Camera number 2 is affected.
- The analysis application has been deactivated and subsequently activated again.
- The actions have been triggered by the Contact IN interface on the appliance.

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Co	Departure	Recorder	Camera	Message type	Additional info
Δ	09/07/2015, 14:50:58	DVS Server		Analysis Status	Status: ARMED; Trigger: Hardware; ;
Δ	09/07/2015, 14:50:47	DVS Server		Analysis Status	Status: DISARMED; Trigger: Hardware;
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- All cameras of the appliance are affected.
- The analysis application has been deactivated and subsequently activated again.
- The actions have been triggered by the Contact IN interface on the appliance.



SEDOR® Analysis Applications

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DVS Appliance

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After timeout it will be enabled automatically.

SEDOR[®] analysis applications are always active (armed) on DVS appliances. The external SMAVIA Viewing Client software allows for temporary deactivation (disarmed) of the analysis applications as of version 2.2.0.3.

Activation of the function

- Open the *Edit recorder* dialog with the context menu of the camera in the *Camera tree*.
- > Select the Settings tab.
- > Activate the Allow disarm instruction check-box.
- > Confirm with **OK**.

MAVIA Viewing Client

era Tree

📰 2-Rec 📰 3-Rec

4-Rec

5-Rec 6-Rec

🚍 DVS Appliance

🚛 ZWFI

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System Tree

Program Action Recorder ?



- > Activate the display of the relevant camera.
- Open the context menu of the camera in the System tree.
- > Click Disarm.



The **Disarm** dialog is displayed.

- Set the duration of the deactivation (disarmed) in the *Timer* field (hh:mm).
- > Confirm with OK.

The corresponding analysis application is deactivated immediately. After expiry of the set duration, it is automatically activated again.

D Note the displayed status icons (right, top)!

Notification of status change when temporarily deactivated by SMAVIA Viewing Client

No. of Lot

DVS Appliance

All event messages concerning this camera will be disabled temporarily!

Timer (min, =0 manual timer interrupt): 00:01 ÷

The external PGuard advance software allows for the reception and processing of status messages from SEDOR[®] analysis applications that have been temporarily deactivated be SMAVIA Viewing Client as of version 4.3.3.16.

OK Cancel

Co	Departure	Recorder	Camera	Message type	Additional info
Δ	09/07/2015, 14:36:14	DVS Server	2	Analysis Status	Status: ARMED; Trigger: Software Timer; ;
Δ	09/07/2015, 14:35:13	DVS Server	2	Analysis Status 💦 🔪	Status: DISARMED; Trigger: Software (1 min); User name: 'SB';
			\smile		

X

- Camera number 2 is affected.
- The analysis has been deactivated for 1 minute.
- The action has been triggered with SMAVIA Viewing Client.
- The triggering user was "SB".

C	o Departure	Recorder	Camera	Message type		Additional info
	09/07/2015, 14:36:14	DVS Server		Analysis Status		Status: ARMED; Trigger: Software Timer; ;
	09/07/2015, 14:35:13	DVS Server		Analysis Status		Status: DISARMED; Trigger: Software (1 min); User name: 'SB';
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- All cameras of the appliance are affected.
- The analysis has been deactivated for 1 minute.
- The action has been triggered with SMAVIA Viewing Client.
- The triggering user was "SB".



Deactivation of the analysis

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MAVIA Viewing Client

e<mark>ra Tree</mark> = 1-Rec

📰 2-Rec

💳 4-Rec

🚍 5-Rec

= 6-Rec

DVS Ap

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Open longplay track

Disarm

Disarm

Program Action Recorder ?