



**BOSCH**

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## VSG 6.45 - Release notes

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# 1 VSG Version 6.45

## 1.1 Introduction

The latest version of the Release Notes is always available on the [Bosch Security Systems Product Catalog](#). Version 6.45.5 introduces new functionality and resolves issues.

VSG 6.45 is tested and released with BVMS 9.0. List of tested and certified cameras with BVMS 9.0 can be found on the [Bosch Integration Partner Program Website](#).

## 1.2 Installation notes

Please note:

Password protection is not enforced during installation and configuration of the Video Streaming gateway and it's instances. It is recommended to set a password for the service-, user- and liveuser for each installed instance manually to protect the devices for unauthorized access.

## 1.3 New functionality

Build	ID	Description
6.45.5	208217	Execute certification tests for Axis firmware 8.30.1.1
6.45.5	208217	Execute certification tests for Axis M2026-LE Mk II
6.45.5	208217	Execute certification tests for Axis P3374-V
6.45.5	208217	Execute certification tests for Axis Q3517
6.45.5	208217	Execute certification tests for Axis M3058
6.45.5	208217	Execute certification tests for Axis firmware 6.50.2.3
6.45.5	208217	Execute certification tests for Axis P1428-E
6.45.5	208217	Execute certification tests for Axis Q6115-E
6.45.5	208217	Execute certification tests for Axis Q8665-LE
6.45.5	208217	Execute certification tests for Axis firmware 5.51.5.1
6.45.5	208217	Execute certification tests for Axis M3025
6.45.5	208217	Execute certification tests for Axis M5013
6.45.5	208217	Execute certification tests for Axis Q1921
6.45.5	208217	Execute certification tests for Axis firmware 8.30.1
6.45.5	208217	Execute certification tests for Axis Q1941-E
6.45.5	208217	Execute certification tests for Canon VB-H45

Build	ID	Description
6.45.5	208217	Execute certification tests for American Dynamics cameras

## 1.4 Resolved issues

Build	ID	Description
6.45.5	210481	<b>FIXED:</b> Hikvision: If DHCP is used for IP-address assignment, recording and live streaming is not working
6.45.5	210496	<b>FIXED:</b> Dahua: If ONVIF authentication on camera settings is enabled, it will not be reachable in BVMS
6.45.5	210417	<b>FIXED:</b> Dahua: Adding more than 1 ONVIF cameras result in disconnection every 10 seconds interval
6.45.5	210961	<b>FIXED:</b> Alarm based alarm recording stops after 32 alarms
6.45.5	210616	<b>FIXED:</b> Null exception when deleting camera from configuration when RTP logging is enabled

## 1.5 Known issues

### Known issues

Known issues are inherited by previous versions. If an issue is fixed, it will appear in the list of resolved issues. The issue IDs can be used to relate an issue to a resolution.

Build	ID	Description
	n/a	Password protection is not enforced during installation and configuration of the Video Streaming gateway and it's instances. It is recommended to set a password for the service-, user- and liveuser for each installed instance manually to protect the devices for unauthorized access.
	179513	Event subscription is not working for Bosch VideoJetX40-SN when added as a ONVIF device to VSG
	197601	Motion/VCA Events cannot be configured and triggered separately for each video channel - 'zone' key/data-parameter ignored. This applies for all multi sensor cameras.
	210896	Switching of resolution displays distorted image
	n/a	Recording of video analytics metadata only supported for Bosch cameras when using the RCP+ protocol
	n/a	H.265 supported for cameras connected via RTSP protocol, for ONVIF cameras H.265 is only supported if provided as media1 profile
	n/a	Audio on some 3 <sup>rd</sup> Party cameras not fully supported which may result in non-availability of audio streams

Build	ID	Description
	n/a	Motion JPEG uses the framerate as configured in the camera.
	n/a	The maximum I-frame distance must not exceed 60; for backwards replay the I-frame distance must not exceed 30.
	n/a	When adding a Bosch camera to the video streaming gateway, the metadata generated by the video content analysis is always recorded.
	n/a	During establishing a live connection no i-frame is requested: the live connection is established after the first i-frame is received.
	n/a	RTSP timeout handling like in Onvif handling (SET_PARAMETER) - some older cameras may not support this.

## 2 VSG Version 6.44

### 2.1 Introduction

The latest version of the Release Notes is always available on the [Bosch Security Systems Product Catalog](#). Version 6.44.0022 introduces new functionality and resolves issues.

List of tested and certified cameras with BVMS 9.0 can be found on the [Bosch Integration Partner Program Website](#).

### 2.2 Installation notes

Not applicable.

### 2.3 New functionality

Build	ID	Description
0022	n/a	Motion Recording supported on DIVAR IP 5000 for Sony cameras
0022	n/a	Axis P3707-PE multi sensor camera tested
0022	n/a	Pelco IMM12027 multi sensor camera tested
0022	n/a	Samsung PNM-9081VQ multi sensor camera tested
0022	n/a	Vivotek MS8391-EV multi sensor camera tested

### 2.4 Resolved issues

Build	ID	Description
0022	176342	<b>FIXED:</b> ONVIF/RTSP - device send no audio via rtsp
0022	189306	<b>FIXED:</b> Too much log entries for JPEG cameras
0022	197489	<b>FIXED:</b> [ONVIF] AXIS multi sensor quad camera AXIS P3707-PE not recording on VSG
0022	197490	<b>FIXED:</b> [Pelco IMM12027] Camera does not work in current BVMS
0022	198017	<b>FIXED:</b> [Axis] Recording issue with Multi Channel encoder M-7014
0022	201439	<b>FIXED:</b> [Axis] [BVMS] Unable to retrieve event properties in OnvifEncoderEvents page (Custom port)

## 2.5 Known issues

### Known issues

Known issues are inherited by previous versions. If an issue is fixed, it will appear in the list of resolved issues. The issue IDs can be used to relate an issue to a resolution.

Build	ID	Description
0022	n/a	Recording of video analytics metadata only supported for Bosch cameras when using the RCP+ protocol
0022	n/a	H.265 supported for cameras connected via RTSP protocol, for ONVIF cameras H.265 is only supported if provided as media1 profile
0022	n/a	Audio on some 3 <sup>rd</sup> Party cameras not fully supported which may result in non-availability of audio streams
0022	n/a	Motion JPEG uses the framerate as configured in the camera.
0022	n/a	The maximum I-frame distance must not exceed 60; for backwards replay the I-frame distance must not exceed 30.
0022	n/a	When adding a Bosch camera to the video streaming gateway, the metadata generated by the video content analysis is always recorded.
0022	n/a	During establishing a live connection no i-frame is requested: the live connection is established after the first i-frame is received.
0022	n/a	RTSP timeout handling like in Onvif handling (SET_PARAMETER) - some older cameras may not support this.