Invented for life

VSG 8.1 - Release notes

Author:

Wrobel Maciej (BT-VS/XSW-SEC)

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1 Document history

This document is valid for all VSG versions. Only the release notes of the latest VSG version are fully updated and contain updates for earlier versions as well.

Date	Version	Changes
2022-02-02	VSG 8.1.0	Initial version for VSG 8.1
2022-12-21	VSG 8.1.1	Updated fixed bug for VSG 8.1.1
2023-05-11	VSG 8.1.2	Updated fixed bug for VSG 8.1.2
2023-07-31	VSG 8.1.3	Updated fixed bug for VSG 8.1.3
2023-10-10	VSG 8.1.4	Updated fixed bug for VSG 8.1.4
2023-12-19	VSG 8.1.5	Updated fixed bug for VSG 8.1.5

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2 VSG Version 8.1.5

2.1 Introduction

The latest version of the Release Notes is always available on the Bosch Security Systems Product Catalog. Video Streaming Gateway (VSG) 8.1.4 introduces new functionality and resolves issues. VSG 8.1.4 is tested and released with BVMS 11.1. 1 The list of tested cameras with BVMS 11.1.1 can be found on the Bosch Building Technologies knowledge base. The VSG is included in the BVMS installation package.

2.2 Installation notes

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 live user for each installed instance manually to protect the devices for unauthorized access. Due to the required performance, it is not recommended to install VSG within a virtual environment. Unexpected issues, for example recording gaps, might arise when the virtual machine does not get the required (virtual) resources.

2.3 New functionality

Build	ID	Description
8.1.5.2	n.a.	n.a.

2.4 Resolved issues

Build	ID	
8.1.5.2	435750	(**FIXED**) The issue where PTZ control for some ONVIF cameras in the VSG environment resulted in delayed reaction of the camera.

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
8.1.5.2	n.a.	n.a.

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3 VSG Version 8.1.4

3.1 Introduction

The latest version of the Release Notes is always available on the Bosch Security Systems Product Catalog. Video Streaming Gateway (VSG) 8.1.4 introduces new functionality and resolves issues. VSG 8.1.4 is tested and released with BVMS 11.1. 1 The list of tested cameras with BVMS 11.1.1 can be found on the Bosch Building Technologies knowledge base. The VSG is included in the BVMS installation package.

3.2 Installation notes

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 live user for each installed instance manually to protect the devices for unauthorized access. Due to the required performance, it is not recommended to install VSG within a virtual environment. Unexpected issues, for example recording gaps, might arise when the virtual machine does not get the required (virtual) resources.

3.3 New functionality

Build	ID	Description
8.1.4.1	n.a.	n.a.

3.4 Resolved issues

Build	ID	
8.1.4.1	432547	(**FIXED**) The issue where brief Far/Near focus adjustments on the ONVIF cameras in the VSG environment resulted in continuous focus movement.

3.5 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
8.1.4.1	n.a.	n.a.

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4 VSG Version 8.1.3

4.1 Introduction

The latest version of the Release Notes is always available on the Bosch Security Systems Product Catalog. Video Streaming Gateway (VSG) 8.1.3 introduces new functionality and resolves issues. VSG 8.1.3 is tested and released with BVMS 11.1. 1 The list of tested cameras with BVMS 11.1.1 can be found on the Bosch Building Technologies knowledge base. The VSG is included in the BVMS installation package.

4.2 Installation notes

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 live user for each installed instance manually to protect the devices for unauthorized access. Due to the required performance, it is not recommended to install VSG within a virtual environment. Unexpected issues, for example recording gaps, might arise when the virtual machine does not get the required (virtual) resources.

4.3 New functionality

Build	ID	Description
8.1.3.1	n.a.	n.a.

4.4 Resolved issues

Build	ID	
8.1.3.1	423501	(**FIXED**) Security fix in RCP+ SDK.

4.5 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
8.1.3.1	n.a.	n.a.

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5 VSG Version 8.1.2

5.1 Introduction

The latest version of the Release Notes is always available on the Bosch Security Systems Product Catalog. Video Streaming Gateway (VSG) 8.1.2 introduces new functionality and resolves issues. VSG 8.1.2 is tested and released with BVMS 11.1. 1 The list of tested cameras with BVMS 11.1.1 can be found on the Bosch Building Technologies knowledge base. The VSG is included in the BVMS installation package.

5.2 Installation notes

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 live user for each installed instance manually to protect the devices for unauthorized access. Due to the required performance, it is not recommended to install VSG within a virtual environment. Unexpected issues, for example recording gaps, might arise when the virtual machine does not get the required (virtual) resources.

5.3 New functionality

Build	ID	Description
8.1.2.2	n.a.	n.a.

5.4 Resolved issues

Build	ID	
8.1.2.2	406556	(**FIXED**) Fixed an issue where VSG worker service may use higher memory then expected.

5.5 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
8.1.2.2	n.a.	n.a.

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6 VSG Version 8.1.1

6.1 Introduction

The latest version of the Release Notes is always available on the Bosch Security Systems Product Catalog. Video Streaming Gateway (VSG) 8.1.1 introduces new functionality and resolves issues. VSG 8.1.1 is tested and released with BVMS 11.1. 1 The list of tested cameras with BVMS 11.1.1 can be found on the Bosch Building Technologies knowledge base. The VSG is included in the BVMS installation package.

6.2 Installation notes

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 live user for each installed instance manually to protect the devices for unauthorized access. Due to the required performance, it is not recommended to install VSG within a virtual environment. Unexpected issues, for example recording gaps, might arise when the virtual machine does not get the required (virtual) resources.

6.3 New functionality

Build	ID	Description
8.1.1.2	n.a.	n.a.

6.4 Resolved issues

Build	ID	
8.1.1.2	398760	(**FIXED**) PTZ operation is sluggish with some cameras which support manual control of Focus and Iris.

6.5 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
8.1.1.2	n.a.	n.a.

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7 VSG Version 8.1

7.1 Introduction

The latest version of the Release Notes is always available on the Bosch Security Systems Product Catalog. Video Streaming Gateway (VSG) 8.1 introduces new functionality and resolves issues. VSG 8.1 is tested and released with BVMS 11.1. The list of tested cameras with BVMS 11.1 can be found on the Bosch Building Technologies knowledge base. The VSG is included in the BVMS installation package.

7.2 Installation notes

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 live user for each installed instance manually to protect the devices for unauthorized access. Due to the required performance, it is not recommended to install VSG within a virtual environment. Unexpected issues, for example recording gaps, might arise when the virtual machine does not get the required (virtual) resources.

7.3 New functionality

Build	ID	Description
8.1.0.59	219852	Support for Iris and focus control for ONVIF Profile-S & Profile-T cameras.
8.1.0.59	237141	JPEG decoding enhancement for cameras added as JPEG or MJPEG device.
8.1.0.59	337745	Multicast PIM-SSM support for ONVIF cameras. PIM-SSM is supported for IPV4 multicast addresses from **232.0.0.0** to **232.255.255.255**.
8.1.0.59	347950	Added option to disable RCP+ port during custom installation. RCP+ port by default will disable on new installation and remains enabled if upgrading from older version of VSG.

7.4 Resolved issues

Build	ID	
8.1.0.59	338228	(**FIXED**) MJPEG video stream from Commend camera was not working.

8.1.0.59	339187	(**FIXED**) Overall JPEG camera's default frame rate restricted to 50fps. As a fix default pfs restriction is increased to 100fps and further can be adjusted by adding **MaxJpegsPerSec** registry key with desired tentative value. For example to set "MaxJpegsPerSec" value to 100 add below key.
		`[HKEY_LOCAL_MACHINE\SOFTWARE\Bosch\VideoStreamingGateway]`
		`"MaxJpegsPerSec"=dword:00000064`

8.1.0.59	332904	(**FIXED**) In some cases BVMS 11.0 Configuration Client may show inconsistent **Authentication State** of VSG (v8.0.0.155).

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Build	ID	
8.1.0.59	349387	(**FIXED**) VSG (v8.0.0.155) no longer configure the multicast addresses automatically if user enters multicast IP as 1.0.0.0 or 1.1.1.1
8.1.0.59	350706	(**FIXED**) VSG worker service crashes during recording if VCD cache is disabled. This issue was initially observed while recording video from Hikvision cameras, however can happen with other brand cameras too.
8.1.0.59	355769	(**FIXED**) VSG (v8.0.0.155) has Multicast TTL value fixed to 1 and cannot be changed. As a fix, default value of Multicast TTL is set to 64 and can be change using RCP+ command CONF_MULTICAST_TTL (0x0267).
8.1.0.59	358121	(**FIXED**) A rare crash when video streaming on an ONVIF camera is turned ON or OFF very fast.
8.1.0.59	353526	(**FIXED**) Video packet loss may happens if VSG (7.0 and later) is running and recording on same DIVAR IP machine.
8.1.0.59	358890	(**FIXED**) VSG multicast settings are not migrated from older versions of VSG when upgrading to VSG 8.0.
8.1.0.59	361569	(**FIXED**) Recording is interrupted when multicast is enabled on a VSG line..
8.1.0.59	363350	(**FIXED**) VSG connector service crashes with certain ONVIF cameras streaming over TCP.
8.1.0.59	366461	(**FIXED**) Bosch cameras when added as JPEG camera shows very low frame rate.
8.1.0.59	368143	(**FIXED**) VSG installer shows blank text instead of "Disable HTTP port" checkbox when running on Windows OS other than English.
8.1.0.59	361826	(**FIXED**) Already configured multicast address on a line is not used when editing or adding a camera to same VSG line, VSG service restart was required.

7.5 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
8.1.0.59	358115	Some ONVIF camera has multicast configured but does not send video packets when streaming using multicast. Use unicast streaming for such ONVIF cameras.
8.1.0.59	358476	VSG ONVIF log (when enabled) may show RTCP de-serialization warning with some ONVIF cameras when streaming over multicast, however it does not affect live and recording.

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Build	ID	Description
8.1.0.59	360485	BVMS Configuration Client's device monitor will show VSG configuration mismatch if a camera under VSG is offline. This is applicable to VSG 8.0 and higher versions.
8.1.0.59	362834	Auto discovery of VSG instances may be slow if HTTP port is disabled on a particular instance. Such instances can be added manually using VSG IP and Port number.
8.1.0.59	368852	UDP encryption need to be turned Off on Bosch cameras if adding them under VSG with unsecured connection.

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8 VSG Version 8.0.7

8.1 Introduction

The latest version of the Release Notes is always available on the Bosch Security Systems Product Catalog. Video Streaming Gateway (VSG) 8.0.7 introduces new functionality and resolves issues. VSG 8.0.7 is tested and released with BVMS 11.0. The list of tested cameras with BVMS 11.0 can be found on the Bosch Building Technologies knowledge base. The VSG is included in the BVMS installation package.

8.2 Installation notes

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 live user for each installed instance manually to protect the devices for unauthorized access. Due to the required performance, it is not recommended to install VSG within a virtual environment. Unexpected issues, for example recording gaps, might arise when the virtual machine does not get the required (virtual) resources.

8.3 New functionality

Build	ID	Description
8.0.7.2	n.a.	n.a.

8.4 Resolved issues

Build	ID	
8.0.7.2	384698	(**FIXED**) VSG multicast setting is getting lost when upgrading from older VSG version to VSG 8.0 version.

8.5 Notes for Upgrading VSG using BVMS installer

If upgrading VSG using BVMS installer (version 11.0.x) which has older VSG (version 8.0.x) with bug as described in resolved issues section, then following steps must be followed to preserve the VSG multicast settings.

1. Install the latest version of VSG (8.0.7.2 or higher) prior to running BVMS 11.0.x installer which has VSG version lower than 8.0.7.2.
2. Upgrade using BVMS 11.0.x installer, which may downgrade the VSG to lower version if selected. But this will not affect the VSG multicast settings now as they are preserved as part of step 1.
3. Re-upgrade the VSG to latest version 8.0.7.2 or higher as in step 1.

8.6 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.

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Build	ID	Description
8.0.7.2	n.a.	n.a.

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9 VSG Version 8.0.6

9.1 Introduction

The latest version of the Release Notes is always available on the Bosch Security Systems Product Catalog. Video Streaming Gateway (VSG) 8.0.6 introduces new functionality and resolves issues. VSG 8.0.6 is tested and released with BVMS 11.0. The list of tested cameras with BVMS 11.0 can be found on the Bosch Building Technologies knowledge base. The VSG is included in the BVMS installation package.

9.2 Installation notes

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 live user for each installed instance manually to protect the devices for unauthorized access. Due to the required performance, it is not recommended to install VSG within a virtual environment. Unexpected issues, for example recording gaps, might arise when the virtual machine does not get the required (virtual) resources.

9.3 New functionality

Build	ID	Description
8.0.6.1	n.a.	n.a.

9.4 Resolved issues

Build	ID	
8.0.6.1	353526	(**FIXED**) Video packet loss may happens if VSG (7.0 and later) is running and recording on same DIVAR IP machine.

9.5 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
8.0.6.1	n.a.	n.a.

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10 VSG Version 8.0.5

10.1 Introduction

The latest version of the Release Notes is always available on the Bosch Security Systems Product Catalog. Video Streaming Gateway (VSG) 8.0.5 introduces new functionality and resolves issues. VSG 8.0.5 is tested and released with BVMS 11.0. The list of tested cameras with BVMS 11.0 can be found on the Bosch Building Technologies knowledge base. The VSG is included in the BVMS installation package.

10.2 Installation notes

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 live user for each installed instance manually to protect the devices for unauthorized access. Due to the required performance, it is not recommended to install VSG within a virtual environment. Unexpected issues, for example recording gaps, might arise when the virtual machine does not get the required (virtual) resources.

10.3 New functionality

Build	ID	Description
8.0.5.1	n.a.	n.a.

10.4 Resolved issues

Build	ID	
8.0.5.1	363350	(**FIXED**) VSG crashes in rare case when certain ONVIF camera sends malformed RTP packets.

10.5 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
8.0.5.1	n.a.	n.a.

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11 VSG Version 8.0.4

11.1 Introduction

The latest version of the Release Notes is always available on the Bosch Security Systems Product Catalog. Video Streaming Gateway (VSG) 8.0.4 introduces new functionality and resolves issues. VSG 8.0.4 is tested and released with BVMS 11.0. The list of tested cameras with BVMS 11.0 can be found on the Bosch Building Technologies knowledge base. The VSG is included in the BVMS installation package.

11.2 Installation notes

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 live user for each installed instance manually to protect the devices for unauthorized access. Due to the required performance, it is not recommended to install VSG within a virtual environment. Unexpected issues, for example recording gaps, might arise when the virtual machine does not get the required (virtual) resources.

11.3 New functionality

Build	ID	Description
8.0.4.3	n.a.	n.a.

11.4 Resolved issues

Build	ID	
8.0.4.3	361576	(**FIXED**) Recording is interrupted when multicast is enabled on a VSG line.
8.0.4.3	361826	(**FIXED**) Already configured multicast address on a line is not used when editing or adding a camera to same VSG line, VSG service restart was required.
8.0.4.3	353526	Additional log to collect details about the camera for which VSG reports packet loss.

11.5 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
8.0.4.3	n.a.	n.a.

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12 VSG Version 8.0.3

12.1 Introduction

The latest version of the Release Notes is always available on the Bosch Security Systems Product Catalog. Video Streaming Gateway (VSG) 8.0.3 introduces new functionality and resolves issues. VSG 8.0.3 is tested and released with BVMS 11.0. The list of tested cameras with BVMS 11.0 can be found on the Bosch Building Technologies knowledge base. The VSG is included in the BVMS installation package.

12.2 Installation notes

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 live user for each installed instance manually to protect the devices for unauthorized access. Due to the required performance, it is not recommended to install VSG within a virtual environment. Unexpected issues, for example recording gaps, might arise when the virtual machine does not get the required (virtual) resources.

12.3 New functionality

Build	ID	Description
8.0.3.1	n.a.	n.a.

12.4 Resolved issues

Build	ID	
8.0.3.1	355769	(**FIXED**) VSG (v8.0.0.155) has Multicast TTL value fixed to 1 and cannot be changed. As a fix, default value of Multicast TTL is set to 64 and can be change using RCP+ command.

12.5 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
8.0.3.1	n.a.	n.a.

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13 VSG Version 8.0.2

13.1 Introduction

The latest version of the Release Notes is always available on the Bosch Security Systems Product Catalog. Video Streaming Gateway (VSG) 8.0.2 introduces new functionality and resolves issues. VSG 8.0.2 is tested and released with BVMS 11.0. The list of tested cameras with BVMS 11.0 can be found on the Bosch Building Technologies knowledge base. The VSG is included in the BVMS installation package.

13.2 Installation notes

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 live user for each installed instance manually to protect the devices for unauthorized access. Due to the required performance, it is not recommended to install VSG within a virtual environment. Unexpected issues, for example recording gaps, might arise when the virtual machine does not get the required (virtual) resources.

13.3 New functionality

Build	ID	Description
8.0.2.1	n.a.	n.a.

13.4 Resolved issues

Build	ID	
8.0.2.1	350706	(**FIXED**) VSG worker service crashes during recording if VCD cache is disabled. This issue was initially observed while recording video from Hikvision cameras, however can happen with other brand cameras.

13.5 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
8.0.2.1	n.a.	n.a.

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14 VSG Version 8.0.1

14.1 Introduction

The latest version of the Release Notes is always available on the Bosch Security Systems Product Catalog. Video Streaming Gateway (VSG) 8.0.1 introduces new functionality and resolves issues. VSG 8.0.1 is tested and released with BVMS 11.0. The list of tested cameras with BVMS 11.0 can be found on the Bosch Building Technologies knowledge base. The VSG is included in the BVMS installation package.

14.2 Installation notes

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 live user for each installed instance manually to protect the devices for unauthorized access. Due to the required performance, it is not recommended to install VSG within a virtual environment. Unexpected issues, for example recording gaps, might arise when the virtual machine does not get the required (virtual) resources.

14.3 New functionality

Build	ID	Description
8.0.1.2	n.a.	n.a.

14.4 Resolved issues

Build	ID	
8.0.1.2	332904	(**FIXED**) In some cases BVMS 11.0 Configuration Client may show inconsistent **Authentication State** of VSG (v8.0.0.155).
8.0.1.2	349387	(**FIXED**) VSG (v8.0.0.155) no longer configure the multicast addresses automatically if user enters multicast IP as 1.0.0.0 or 1.1.1.1

14.5 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
8.0.1.2	n.a.	n.a.

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15 VSG Version 8.0

15.1 Introduction

The latest version of the Release Notes is always available on the Bosch Security Systems Product Catalog. Video Streaming Gateway (VSG) 8.0 introduces new functionality and resolves issues. VSG 8.0 is tested and released with BVMS 11.0. The list of tested cameras with BVMS 11.0 can be found on the Bosch Building Technologies knowledge base. The VSG is included in the BVMS installation package.

15.2 Installation notes

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 live user for each installed instance manually to protect the devices for unauthorized access. Due to the required performance, it is not recommended to install VSG within a virtual environment. Unexpected issues, for example recording gaps, might arise when the virtual machine does not get the required (virtual) resources.

15.3 New functionality

Build	ID	Description
8.0.0.155	251489	VSG will not record video with Bosch logo if camera is offline or no compatible video stream is received.
8.0.0.155	235263	ONVIF camera event topics can be mapped to BVMS Generic Events (limited to 3 generic event).

15.4 Resolved issues

Build	ID	
8.0.0.155	323354	(**FIXED**) VSG port numbers cannot be changed using registry editing in VSG 7.2
8.0.0.155	271253	(**FIXED**) VSG was not found in BVMS scan dialogue.

15.5 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
8.0.0.155	278092	Video streaming from Sony (SNC-WL862) camera has intermittent disconnection.

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Build	ID	Description
8.0.0.155	277935	Multicast settings cannot be read or set to Panasonic camera.
8.0.0.155	332674	VSG may not connect to some ONVIF cameras if they are restarted, VSG restart is require.
8.0.0.155	333091	Video streaming not possible with Uniview camera if Profile-S is selected in BVMS Configuration Client, but works when Profile-T is selected.

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16 ONVIF Camera Event Driver Tool 2.0

16.1 Introduction

The ONVIF Camera Event Driver Tool is responsible for mapping custom events, coming from ONVIF cameras, into available BVMS events. The tool can be started from the BVMS Configuration Client (right click on a VSG instance).

16.2 New functionality

Build	ID	Description
2.0.0.8	240016	ONVIF camera event topics can be mapped to BVMS Generic Events (limited to 3 generic event).

16.3 Resolved issues

Build	ID	
2.0.0.8	n.a.	n.a.

16.4 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
2.0.0.8	n.a.	n.a.

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17 VSG Version 7.2.7

17.1 Introduction

The latest version of the Release Notes is always available on the Bosch Security Systems Product Catalog. Video Streaming Gateway (VSG) 7.2.7 introduces new functionality and resolves issues. VSG 7.2.7 is tested and released with BVMS 10.1.1 The list of tested cameras with BVMS 10.1.1 can be found on the Bosch Building Technologies knowledge base. The VSG is included in the BVMS installation package.

17.2 Installation notes

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 live user for each installed instance manually to protect the devices for unauthorized access. Due to the required performance, it is not recommended to install VSG within a virtual environment. Unexpected issues, for example recording gaps, might arise when the virtual machine does not get the required (virtual) resources.

17.3 New functionality

Build	ID	Description
7.2.7.1	n.a.	n.a.

17.4 Resolved issues

Build	ID	
7.2.7.1	353526	(**FIXED**) Video packet loss may happens if VSG (7.0 and later) is running and recording on same DIVAR IP machine.

17.5 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
7.2.7.1	n.a.	n.a.

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18 VSG Version 7.2.6

18.1 Introduction

The latest version of the Release Notes is always available on the Bosch Security Systems Product Catalog. Video Streaming Gateway (VSG) 7.2.6 introduces new functionality and resolves issues. VSG 7.2.6 is tested and released with BVMS 10.1.1 The list of tested cameras with BVMS 10.1.1 can be found on the Bosch Building Technologies knowledge base. The VSG is included in the BVMS installation package.

18.2 Installation notes

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 live user for each installed instance manually to protect the devices for unauthorized access. Due to the required performance, it is not recommended to install VSG within a virtual environment. Unexpected issues, for example recording gaps, might arise when the virtual machine does not get the required (virtual) resources.

18.3 New functionality

Build	ID	Description
7.2.6.2	n.a.	n.a.

18.4 Resolved issues

Build	ID	
7.2.6.2	363350	(**FIXED**) VSG crashes in rare case when certain ONVIF camera sends malformed RTP packets.
7.2.6.2	363352	(**FIXED**) Certain VSG lines may stop recording after VSG service or system restarts.

18.5 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
7.2.6.2	n.a.	n.a.

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19 VSG Version 7.2.5

19.1 Introduction

The latest version of the Release Notes is always available on the Bosch Security Systems Product Catalog. Video Streaming Gateway (VSG) 7.2.5 introduces new functionality and resolves issues. VSG 7.2.5 is tested and released with BVMS 10.1.1 The list of tested cameras with BVMS 10.1.1 can be found on the Bosch Building Technologies knowledge base. The VSG is included in the BVMS installation package.

19.2 Installation notes

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 live user for each installed instance manually to protect the devices for unauthorized access. Due to the required performance, it is not recommended to install VSG within a virtual environment. Unexpected issues, for example recording gaps, might arise when the virtual machine does not get the required (virtual) resources.

19.3 New functionality

Build	ID	Description
7.2.5.1	353526	Additional log to collect details about the camera for which VSG reports packet loss.

19.4 Resolved issues

Build	ID	
7.2.5.1	n.a.	n.a.

19.5 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
7.2.5.1	n.a.	n.a.

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20 VSG Version 7.2.4

20.1 Introduction

The latest version of the Release Notes is always available on the Bosch Security Systems Product Catalog. Video Streaming Gateway (VSG) 7.2.4 introduces new functionality and resolves issues. VSG 7.2.4 is tested and released with BVMS 10.1.1 The list of tested cameras with BVMS 10.1.1 can be found on the Bosch Building Technologies knowledge base. The VSG is included in the BVMS installation package.

20.2 Installation notes

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 live user for each installed instance manually to protect the devices for unauthorized access. Due to the required performance, it is not recommended to install VSG within a virtual environment. Unexpected issues, for example recording gaps, might arise when the virtual machine does not get the required (virtual) resources.

20.3 New functionality

Build	ID	Description
7.2.4.1	n.a.	n.a.

20.4 Resolved issues

Build	ID	
7.2.4.1	350706	(**FIXED**) VSG worker service crashes during recording if VCD cache is disabled. This issue was initially observed while recording video from Hikvision cameras, however can happen with other brand cameras.

20.5 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
7.2.4.1	n.a.	n.a.

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21 VSG Version 7.2.3

21.1 Introduction

The latest version of the Release Notes is always available on the Bosch Security Systems Product Catalog. Video Streaming Gateway (VSG) 7.2.3 introduces new functionality and resolves issues. VSG 7.2.3 is tested and released with BVMS 10.1.1 The list of tested cameras with BVMS 10.1.1 can be found on the Bosch Building Technologies knowledge base. The VSG is included in the BVMS installation package.

21.2 Installation notes

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 live user for each installed instance manually to protect the devices for unauthorized access. Due to the required performance, it is not recommended to install VSG within a virtual environment. Unexpected issues, for example recording gaps, might arise when the virtual machine does not get the required (virtual) resources.

21.3 New functionality

Build	ID	Description
n.a.	n.a.	n.a.

21.4 Resolved issues

Build	ID	
7.2.3.2	338228	(**FIXED**) MJPEG video stream from Commend camera was not working.

21.5 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.	n.a.	n.a.

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22 VSG Version 7.2.1

22.1 Introduction

The latest version of the Release Notes is always available on the Bosch Security Systems Product Catalog. Video Streaming Gateway (VSG) 7.2.0 introduces new functionality and resolves issues. VSG 7.2.0 is tested and released with BVMS 10.1. The list of tested cameras with BVMS 10.1 can be found on the Bosch Building Technologies knowledge base. The VSG is included in the BVMS installation package.

22.2 Installation notes

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 live user for each installed instance manually to protect the devices for unauthorized access. Due to the required performance, it is not recommended to install VSG within a virtual environment. Unexpected issues, for example recording gaps, might arise when the virtual machine does not get the required (virtual) resources.

22.3 New functionality

Build	ID	Description
n.a.	n.a.	n.a.

22.4 Resolved issues

Build	ID	
7.2.1.2	314437	(**FIXED**) If a JPG camera is added with MJPG streaming URL, the camera is shown in unknown camera state and video streaming cannot be started.
7.2.1.2	313162	(**FIXED**) PTZ not working with Axis explosion proof camera with no zoom capabilities.

22.5 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.	n.a.	n.a.

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23 VSG Version 7.2.0

23.1 Introduction

The latest version of the Release Notes is always available on the Bosch Security Systems Product Catalog. Video Streaming Gateway (VSG) 7.2.0 introduces new functionality and resolves issues. VSG 7.2.0 is tested and released with BVMS 10.1. The list of tested cameras with BVMS 10.1 can be found on the Bosch Building Technologies knowledge base. The VSG is included in the BVMS installation package.

23.2 Installation notes

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 live user for each installed instance manually to protect the devices for unauthorized access. Due to the required performance, it is not recommended to install VSG within a virtual environment. Unexpected issues, for example recording gaps, might arise when the virtual machine does not get the required (virtual) resources.

23.3 New functionality

Build	ID	Description
7.2.0.44	235263	Generic events (planned to be implemented in BVMS 11.0).
7.2.0.44	240014	Log camera configuration changes.
7.2.0.44	243178	Distinguish events from multi-sensor cameras (event mapping AND/OR support).
7.2.0.44	247639	GOP length up to 255 can be set to ONVIF cameras.
7.2.0.44	250987	Enhanced system events.
7.2.0.44	268512	Hyper-v virtualization and fail-over cluster tested.

23.4 Resolved issues

Build	ID	
7.2.0.44	263663	(**FIXED**) Closed HTTP listener as this was not used.
7.2.0.44	273084	(**FIXED**) VSG is not able to stream video from Panomera Streaming Service (PSS).
7.2.0.44	251797	(**FIXED**) Cameras are no longer accessible after repair installation.

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23.5 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
7.2.0.44	271253	VSG was not found in BVMS scan dialogue.

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24 ONVIF Camera Event Driver Tool 1.1.0

24.1 Introduction

The ONVIF Camera Event Driver Tool is responsible for mapping custom events, coming from ONVIF cameras, into available BVMS events. The tool can be started from the BVMS Configuration Client (right click on a VSG instance).

24.2 New functionality

Build	ID	Description
1.1.0.22	243178	Distinguish events from multi-sensor cameras (event mapping AND/OR support).

24.3 Resolved issues

Build	ID	
1.1.0.22	n/a	n/a

24.4 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
1.1.0.22	n/a	n/a

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25 VSG Version 7.1.3

25.1 Introduction

The latest version of the Release Notes is always available on the Bosch Security Systems Product Catalog. Video Streaming Gateway (VSG) 7.1.3 is a bugfix version for VSG 7.1. and is tested and released with BVMS 10.0.1. The list of tested and certified cameras with BVMS 10.0.1 can be found on the Bosch Building Technologies knowledge base.

25.2 Installation notes

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 live user for each installed instance manually to protect the devices for unauthorized access. Due to the required performance, it is not recommended to install VSG within a virtual environment. Unexpected issues, for example recording gaps, might arise when the virtual machine does not get the required (virtual) resources.

25.3 New functionality

Build	ID	Description

25.4 Resolved issues

Build	ID	
7.1.3.2	315911	**Fixed** an issue where SIQURA PD910 cannot be added under VSG cameras.

25.5 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.	n.a.	n.a.

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26 VSG Version 7.1.2

26.1 Introduction

The latest version of the Release Notes is always available on the Bosch Security Systems Product Catalog. Video Streaming Gateway (VSG) 7.1.2 is a bugfix version for VSG 7.1. and is tested and released with BVMS 10.0.1. The list of tested and certified cameras with BVMS 10.0.1 can be found on the Bosch Building Technologies knowledge base.

26.2 Installation notes

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 live user for each installed instance manually to protect the devices for unauthorized access. Due to the required performance, it is not recommended to install VSG within a virtual environment. Unexpected issues, for example recording gaps, might arise when the virtual machine does not get the required (virtual) resources.

26.3 New functionality

Build	ID	Description

26.4 Resolved issues

Build	ID	
7.1.2.2	314437	(**FIXED**) If a JPG camera is added with MJPG streaming URL, the camera is shown in unknown camera state and video streaming cannot be started.
7.1.2.2	313162	(**FIXED**) PTZ not working with Axis explosion proof camera with no zoom capabilities.

26.5 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.	n.a.	n.a.

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27 VSG Version 7.1.1

27.1 Introduction

The latest version of the Release Notes is always available on the Bosch Security Systems Product Catalog. Video Streaming Gateway (VSG) 7.1.1 is a bugfix version for VSG 7.1.0 and is tested and released with BVMS 10.0.1. The list of tested and certified cameras with BVMS 10.0.1 can be found on the Bosch Building Technologies knowledge base. The VSG is included in the BVMS installation package.

27.2 Installation notes

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 live user for each installed instance manually to protect the devices for unauthorized access. Due to the required performance, it is not recommended to install VSG within a virtual environment. Unexpected issues, for example recording gaps, might arise when the virtual machine does not get the required (virtual) resources.

27.3 New functionality

Build	ID	Description

27.4 Resolved issues

Build	ID	
7.1.1.2	272844	**(FIXED)** ONVIF video streaming is not working when streaming from Panomera Streaming Server (PSS).

27.5 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.	n.a.	n.a.

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28 VSG Version 7.1.0

28.1 Introduction

The latest version of the Release Notes is always available on the Bosch Security Systems Product Catalog. Video Streaming Gateway (VSG) 7.1.0 introduces new functionality and resolves issues. VSG 7.1.0 is tested and released with BVMS 10.0.1. The list of tested and certified cameras with BVMS 10.0.1 can be found on the Bosch Building Technologies knowledge base. The VSG is included in the BVMS installation package.

28.2 Installation notes

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 live user for each installed instance manually to protect the devices for unauthorized access. Due to the required performance, it is not recommended to install VSG within a virtual environment. Unexpected issues, for example recording gaps, might arise when the virtual machine does not get the required (virtual) resources.

28.3 New functionality

Build	ID	Description
7.1.0.43	236593	Manual switch between ONVIF Profile S and ONVIF Profile T.
7.1.0.43	238293	Enhance the VSG installer.
7.1.0.43	239128	Event mapping should be customizable (interface to support the ONVIF Camera Event Driver Tool).

28.4 Resolved issues

Build	ID	
7.1.0.43	239841	**FIXED**: lost video packets during iSCSI path fail-over.

28.5 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
7.1.0.43	250929	When using a multi-sensor camera, some events (for example, a motion event) are triggered on a camera level and the system cannot determine the sensor that triggered the event.

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Build	ID	Description
7.1.0.43	205061	In some situation the VSG might crash when an Arecont Vision camera is connected. Arecont Vision cameras are not ONVIF Profile S compliant.
7.1.0.43	215995	The VSG cannot receive the stream from Sony cameras with FW 3.1.0. Workaround: disable audio back channel on the camera.
7.1.0.43	220665	Using RTSP over HTTP/HTTPS with Panasonic cameras has reconnection issue every 2 mins interval. Workaround: disable HTTPS.
7.1.0.43	220672	Using RTSP over HTTP/HTTPS with Yokogawa cameras has reconnection issue every 2 mins interval. Workaround: disable HTTPS.
7.1.0.43	224867	VSG sometimes stops receiving events from Samsung SNP-L6233 camera. This issue cannot be observed with other Samsung cameras.
7.1.0.43	249986	Basic authentication is not a supported ONVIF authentication method and is therefore removed from the VSG. Cameras should be configured with digest authentication.

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29 ONVIF Camera Event Driver Tool 1.0.0

29.1 Introduction

The ONVIF Camera Event Driver Tool is responsible for mapping custom events, coming from ONVIF cameras, into available BVMS events. The tool can be started from the BVMS Configuration Client (right click on a VSG instance).

29.2 New functionality

Build	ID	Description
1.0.0.201	n/a	n/a

29.3 Resolved issues

Build	ID	
1.0.0.201	n/a	n/a

29.4 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
1.0.0.201	207822	The ONVIF mapping tool can only connect to the VSG using a secure connection.

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30 VSG Version 7.0.5

30.1 Introduction

The latest version of the Release Notes is always available on the Bosch Security Systems Product Catalog. Version 7.0.5 is a bugfix version for VSG 7.0.2.

VSG 7.0.5 is tested and released with BVMS 10.0. List of tested and certified cameras with BVMS 10.0 can be found on the Bosch Building Technologies community.

30.2 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 live user for each installed instance manually to protect the devices for unauthorized access.

30.3 New functionality

Build	ID	Description

30.4 Resolved issues

Build	ID	
7.0.5	273701	VSG setup executes "net.exe" if this file is present in the working directory.

30.5 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

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31 VSG Version 7.0.2

31.1 Introduction

The latest version of the Release Notes is always available on the Bosch Security Systems Product Catalog. Version 7.0.2 introduces new functionality and resolves issues.

VSG 7.0.2 is tested and released with BVMS 10.0. List of tested and certified cameras with BVMS 10.0 can be found on the Bosch Building Technologies community.

31.2 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 live user for each installed instance manually to protect the devices for unauthorized access.

31.3 New functionality

Build	ID	Description
7.0.2	204382	Support streaming of ONVIF profile T cameras
7.0.2	206406	Encrypted communication from VSG to ONVIF cameras
7.0.2	209373	Configure TCP/unicast/multicast streaming protocol of ONVIF cameras to VSG
7.0.2	209597	Logging improvements for troubleshooting
7.0.2	216441	Move to 64-bit software architecture
7.0.2	197262	ONVIF profile S and T event handling
7.0.2	236526	Telnet access to the system is disabled by default

31.4 Resolved issues

Build	ID	
7.0.2	214494	**FIXED**: [Dahua] RTSP cameras stay disconnected after VSG restart, but become connected after BVMS activation
7.0.2	216177	**FIXED**: [Sony SNC-DH240T] Camera always shows No Cam image
7.0.2	216536	**FIXED**: [Pelco IMM12027] Camera is unable to stream
7.0.2	215005	**FIXED**: [Avigilon H5] Unable to stream camera, due to RTSP bad request

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Build	ID	
7.0.2	215074	**FIXED**: [Illustra PRO 12MP Fisheye] Camera is online but unable to get video stream.
7.0.2	214487	**FIXED**: [Dahua] RTSP unauthorized even though ONVIF authentication is disabled on camera. Note: ONVIF authentication must be enabled in the camera, basic authentication is not from VSG 7.0 onwards
7.0.2	220343	**FIXED**: [SAMSUNG XNP-6370RH] Audio G726 and AAC crashes OC
7.0.2	229084	**FIXED**: JPEG cameras cannot reconnect after disconnection
7.0.2	229154	**FIXED**: [Hikvision] Unable to stream as JPEG camera
7.0.2	229266	**FIXED**: JPEG cameras toggles online-offline when not streaming
7.0.2	198892	**FIXED**: Avigilon Cameras ONLINE and OFFLINE at VSG. Note: camera must be configured to stream unicast to work with VSG
7.0.2	198898	**FIXED**: Arecont camera not working as ONVIF camera. Note: camera must be configured to stream unicast to work with VSG
7.0.2	217544	**FIXED**: Pelco IMM12027 using multicast does not stream. Note: camera must be configured to stream unicast to work with VSG
7.0.2	217545	**FIXED**: Avigilon H5 Using multicast does not stream. Note: camera must be configured to stream unicast to work with VSG

31.5 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
7.0.2	249986	Basic authentication is not a supported ONVIF authentication method and is therefore removed from the VSG. Cameras should be configured with digest authentication.
7.0.2	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 live user for each installed instance manually to protect the devices for unauthorized access.
7.0.2	198890	Under certain circumstances replaying video from Sony 4k cameras can show corrupt images when repositioning in time line

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Build	ID	Description
7.0.2	215995	Sony cameras streaming not working with firmware 3.1.0 when audio upload option is enabled in the camera. When disabling the audio upload option in the camera setting, stream to VSG is working.
7.0.2	226689	In case of ignoring the VSG error message in BVMS, that the max number of I/O devices is reached, VSG will not receive an updated configuration. Workaround: Reducing the number of I/O devices to max. 255.
7.0.2	229265, 235491, 235512	Adding Dahua, Hikvision and Vivotek cameras as JPEG cameras and using a high resolution JPEG image does not work with VSG 7.0, Workaround: Reduce resolution of JPEG image
7.0.2	234590	Under certain circumstances the VSG service keeps restarting if not TCP socket resources are available during start up
7.0.2	n/a	Enabling telnet via CM-LIB and BVMS Config Client is not supported for VSG 7.0.2, please contact Bosch tech support to enable telnet access if necessary

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32 VSG Version 6.45

32.1 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 Building Technologies community.

32.2 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.

32.3 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

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Build	ID	Description
6.45.5	208217	Execute certification tests for Axis Q1941-E
6.45.5	208217	Execute certification tests for Canon VB-H45
6.45.5	208217	Execute certification tests for American Dynamics cameras

32.4 Resolved issues

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

32.5 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

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Build	ID	Description
	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 3rd Party cameras not fully supported which may result in non-availability of audio streams
	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.

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33 VSG Version 6.44

33.1 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 Building Technologies community.

33.2 Installation notes

Not applicable.

33.3 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

33.4 Resolved issues

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

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33.5 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 3rd 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.

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