BOSCH

BVMS 12.1 patches - Release Notes

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BVMS Version 12.1 patches

> This document is distributed online and updated on regular basis, whenever new patch is released. The latest version of this document is always available on the Bosch Security and Safety Systems Download Store.
> Please always refer to general BVMS Release Notes, also available on the Bosch Security and Safety Systems Download Store.

Patches included in the Cumulative Patch 3 for BVMS 12.1

Overview

No.	Name of the fix	Included in
1	440029 - Filtering PTZ commands	Cumulative Patch 3, Cumulative Patch 1
2	441937 - Slowing down MP4 exported video	Cumulative Patch 3
3	445686 - Delay in the first PTZ movement	Cumulative Patch 3
4	448513 - Operator Client login issue and server stability after the restart or activation of configuration	Cumulative Patch 3

Detailed Release Notes for the patch

Patch ID:	448513, 445686, 441937, 440029
Patch Title:	BVMS 12.1 - Cumulative Patch 3
Patch Target Version:	BVMS-12.1.0.414

Patch Details:

This patch fixes issue 448513 by improving the login of Operator Client.

Important hints:
The Patch for issue 448513 needs to be installed on the Management Server. It is optional for the Operator Client machines only if further problems occur.

NOTE - Manual action required:
After installing the patch, it is necessary to initiate a configuration change on the server side, activate the new configuration, and then log in again with your user account.
Additionally, make sure to restart all running Operator Client instances to apply the newly activated configuration.

This patch fixes issue 445686 by improving the session handling for the PTZ connection.
This patch fixes issue 441937 by improvements in the area of mov-/mp4-exports.
This patch fixes issue 440029 by filtering out same zoom commands and optimizes PTZ command frequency with granularity adjustment.
The granularity for pan and tilt movements can be set in the OperatorClient.exe.config file. The key is "PtzGranularity" and its default value is "10".
It specifies the smallest step size for the pan and tilt speed adjustments.
Lower values allow for finer control, while higher values result in coarser adjustments.

Important hint:
Please use only allowed values for the "PtzGranularity", which are: 1, 2, 4, 5, 10, 20, 25, 50, 100

Problem Details:

Issue 448513 caused the problem that the login of the Operator Client has a very high delay.

Issue 445686 caused the problem of a delay in starting the first PTZ movement.
Issue 441937 caused the problem that in mov- or mp4-exports the video is shown with low frame frate and either delayed or no audio.
Issue 440029 caused the problem that the Video Stream stops while giving PTZ commands.

Affected Bosch VMS Components / Machines:

- Bosch VMS Management Server
- Bosch VMS Operator Client
- Bosch VMS Configuration Client
- Bosch VMS Cameo SDK

List of Replaced Files:

- AppData\Client\OpClient\Components\Spring.Bootstrap.xml
- AppData\Shared\Spring.HashEngine.xml
- Bosch.Vms.CameoSdk.Core.dll [Version 12.1.0.422]
- Bosch.Vms.Client.OpClient.Ptz.PtzController.dll [Version 12.1.0.422]
- Bosch.Vms.Client.Shared.PtzController.dll [Version 12.1.0.415]
- Bosch.Vms.Frontend.OpClient.Communication.dll [Version 12.1.0.422]
- Bosch.Vms.Frontend.OpClient.ServerManagement.dll [Version 12.1.0.426]
- Bosch.Vms.Frontend.OpClient.Wcf.dll [Version 12.1.0.426]
- Bosch.Vms.Server.UserAuthenticationService.dll [Version 12.1.0.426]
- Bosch.Vms.Shared.Dome.Services.dll [Version 12.1.0.422]
- Bosch.Vms.Shared.Export.Mpeg.ArchiveStreamProvider.dll [Version 12.1.0.416]
- Bosch.Vms.Shared.Export.Mpeg.FfMpegFacade.dll [Version 12.1.0.416]
- OperatorClient.exe.config