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Release Notes
BVMS 11.1.1 Patches SystemManager package

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1 Document History

This document is distributed online and updated on regular basis, whenever new patches are released and added to the package. The latest version of this document is always available on the [Bosch Security and Safety Systems Download Store](#).

Date	Version	Changes
17.03.2023	1.0	Initial release

2 BVMS 11.1.1 Patches System Manager package

DIVAR IP System Manager application is the central user interface that offers an easy system setup, configuration and application software upgrade for DIVAR IP all-in-one 4000, DIVAR IP all-in-one 6000 and DIVAR IP all-in-one 7000 (DIP-73xx) systems.

The BVMS_11.1.1_Patches_SystemManager_package_1.0.zip contains a set of BVMS 11.1.1 patch installers software packages for the DIVAR IP System Manager application. It is used to install patches for BVMS 11.1.1 on the DIVAR IP appliances managed by the DIVAR IP System Manager.

2.1 Installation prerequisites and operation notes

- DIVAR IP System Manager application **version 2.0.0** or higher shall be installed and started.
- To download the BVMS 11.1.1 Patches System Manager package 1.0, go to <https://downloadstore.boschsecurity.com/>. Then, under the Software tab, select BVMS Appliances from the list and click Select.
- Locate the BVMS_11.1.1_Patches_SystemManager_package_1.0.zip file from the list of all available software packages, and save it to a storage medium such as a USB stick.
- Unzip the files on the storage medium. Do not change the folder structure of the unzipped files.
- Connect the storage medium to your DIVAR IP system and follow instructions in the Upgrading software section of, for example, DIVAR IP all-in-one 4000 / 6000 systems User Manuals to install desired BVMS patches on your DIVAR IP.

2.2 List of BVMS 11.1.1 patches available in the package

ID	Description
375802	FIXED: View recording prohibited
382306	FIXED: Dragging camera from OC image pane to MG image pane not working properly
387201	FIXED: Proper load balancing parameters for DIVAR IP all-in-one 4000/6000 as iSCSI target within BVMS
390503, 392474	FIXED: Some SDK functions not working properly in alarm display
393949	FIXED: Max. clients reached error after several forced activations
393966	FIXED: SDK events missing in SDK EventReceiver
395791	FIXED: Export from DVR might fail
398299, 398300, 398396	FIXED: Problems with connectivity to Tattile cameras

ID	Description
399322	FIXED: Videojet 4000 multi with disabled Audio not configurable
406477	FIXED: CC Monitorgroup configuration slow

2.3 Known limitations and issues

- DIVAR IP System Manager application version 2.0.0 or above must be installed before using the BVMS 11.1.1 Patches System Manager package.
- If DIVAR IP System Manager application version 1.5.0 is used, it may become non-responsive while updating the user interface data, if many packages are installed. To avoid this, make sure you update DIVAR IP System Manager application to version 2.0.0 or above. Please see corresponding release notes for this application.

3 Release Notes for individual patches

3.1 382306: Dragging camera from OC image pane to MG image pane

Patch ID:	382306
Patch Title:	Dragging camera from OC image pane to MG image pane
Patch Target Version:	BVMS-11.1.1.65

Patch Details:

This patch fixes issue 382306 that some objects had not been serializable and are needed for drag & drop of cameras to a Monitor Group image pane.

Problem Details:

Issue 382306 caused the problem that dragging a camera from a standard Operator Client image pane to a Monitor Group image pane does not work.

Affected Bosch VMS Components / Machines:

- Bosch VMS Operator Client
- Cameo SDK

List of Replaced Files:

- Bosch.Cctv.DeviceApi.dll [Version 11.1.1.68]
- Bosch.Vms.Client.OpClient.CameoSystem.CameoService.dll [Version 11.1.1.68]
- Bosch.Vms.Client.Shared.StreamVisualization.dll [Version 11.1.1.68]

3.2 387201: Load balancing parameters for DIVAR IP all-in-one 4000/6000

Patch ID:	387201
Patch Title:	Load balancing parameters for DIVAR IP all-in-one 4000/6000
Patch Target Version:	BVMS-11.1.1.65

Patch Details:

This patch fixes issue 387201 that currently the preliminary (incorrect) load balancing parameters are used when using DIVAR IP all-in-one 4000/6000 as iSCSI target within BVMS.

Problem Details:

Issue 387201 caused the problem that incorrect load balancing parameters are used when using DIVAR IP all-in-one 4000/6000 as iSCSI target within BVMS which may lead to reduced recording throughput of the device or excessive number of iSCSI sessions requested from the device.

Important Hint:

The new values will be used in the BVMS Configuration only when the storage "DIVAR IP AIO 4000" and "DIVAR IP AIO 6000" were added after installing this Patch.

Already configured iSCSI will NOT be migrated. In such a case the values need to be adjusted manually to

not bring the devices into an overload situation.

The following values need to be adjusted:

- DIVAR IP all-in-one 4000
Maximum bit rate: 250 Mbps
Maximum number of iSCSI sessions: 64
- DIVAR IP all-in-one 6000
Maximum bit rate: 400 Mbps
Maximum number of iSCSI sessions: 128

Affected Bosch VMS Components / Machines:

- Bosch VMS Config Client

List of Replaced Files:

- Conf\StorageConfig\SupportedStorages\storagetypes.xml

3.3 390503, 392474: Some SDK functions not working in alarm display

Patch ID:	390503, 392474
Patch Title:	Some SDK functions not working in alarm display
Patch Target Version:	BVMS-11.1.1.65

Patch Details:

This patch fixes issue 390503 by making certain SDK functions working in alarm display scenario. This patch fixes issue 392474 by selecting the image pane correctly when switching between rows and single row alarm panel.

Problem Details:

Issue 390503 caused the problem that SDK functions "GetSelectedImagePane", "GetCameraFromImagePane" and "SaveImagePane" are not working in alarm display. Issue 392474 caused the problem that no image pane is selected in single row alarm panel.

Affected Bosch VMS Components / Machines:

- Bosch VMS Operator Client

List of Replaced Files:

- Bosch.Vms.Client.OpClient.CameoSystem.CameoSpace.dll [Version 11.1.1.72]
- Bosch.Vms.Client.OpClient.CameoSystem.CameoSpace.Wpf.dll [Version 11.1.1.72]
- Bosch.Vms.ClientSDK.dll [Version 11.1.1.72]

3.4 393949: OC max clients reached after several forced activations

Patch ID:	393949
Patch Title:	OC max clients reached after several forced activations
Patch Target Version:	BVMS-11.1.1.65

Patch Details:

This patch fixes issue 393949 by improving the behaviour of Operator Client during forced activations.

Problem Details:

Issue 393949 caused the problem that after some forced activations the Operator Client shows "max clients reached" although not too many clients are connected.

Affected Bosch VMS Components / Machines:

- Bosch VMS Operator Client
- Bosch VMS Cameo SDK

List of Replaced Files:

- Bosch.Vms.Frontend.OpClient.Communication.dll [Version 11.1.1.92]
- Bosch.Vms.Frontend.OpClient.ServerManagement.dll [Version 11.1.1.92]
- Bosch.Vms.Frontend.OpClient.Wcf.dll [Version 11.1.1.92]
- Bosch.Vms.Shared.Communication.WcfClient.dll [Version 11.1.1.92]

3.5 393966: SDK events missing in SDK EventReceiver

Patch ID:	393966
Patch Title:	SDK events missing in SDK EventReceiver
Patch Target Version:	BVMS-11.1.1.65

Patch Details:

This patch fixes issue 393966 by solving the problem to not get events from the following system-devices:

- AlarmActivated, AlarmAccepted, AlarmUnaccepted, AlarmWorkflow, AlarmCleared
- OperatorAuthenticationRejected, UserAccountDisabledEvent
- LogMessage
- SystemInfoEvent, SystemWarningEvent, SystemErrorEvent
- TaskActivityState
- BackupStarted, BackupFinished, BackupFailed, BackupCameraFailed

Problem Details:

Issue 393966 caused the problem that SDK EventReceivers did not get events from some system-devices.

Affected Bosch VMS Components / Machines:

- Bosch VMS Management Server

List of Replaced Files:

- Bosch.Vms.Backend.CentralServer.WcfServices.EventsAndStatesService.dll [Version 11.1.1.79]

3.6 395791: Export from DVR fails

Patch ID:	395791
Patch Title:	Export from DVR fails
Patch Target Version:	BVMS-11.1.1.65

Patch Details:

This patch fixes issue 395791 with a increased timeout for the track search.

Problem Details:

Issue 395791 caused the problem that an export from DVR is not possible if the track search needs more than 5 seconds.

Affected Bosch VMS Components / Machines:

- Bosch VMS Management Server
- Bosch VMS Operator Client

List of Replaced Files:

- Bosch.Vms.VsdkToDibosAdapter.Imp.dll [Version 11.1.1.77]

3.7 398299, 398300, 398396: Tattile improvements

Patch ID:	398299, 398300, 398396
Patch Title:	Tattile improvements
Patch Target Version:	BVMS-11.1.1.65

Patch Details:

This patch fixes issue 398299 by solving the authentication problem with regards to Tattile cameras.

This patch fixes issue 398300 by mapping the events from different Tattile cameras correctly.

This patch fixes issue 398396 by solving the problem of not showing events of Tattile cameras after changing the system.

Problem Details:

Issue 398299 caused the problem that the authentication to a Tattile camera may fail if credentials are changed to another valid user.

Issue 398300 caused problems receiving events from different Tattile cameras as they are mapped to only one camera.

Issue 398396 caused the problem that no events (alarms) of Tattile cameras are shown if the system was changed, e.g. change port of the Tattile camera.

Important hint:

After installing the patch, the following configuration changes need to be done once.

On the camera:

- 1) On the Tattile camera upload the new "LPR_Event_Template.txt" file

In BVMS:

- 1) Open "Edit" dialog of Tattile
- 2) Press "Authenticate" to retrieve updated information from camera
- 3) Press "OK"
- 4) Check that correct "Device Serial Number" is displayed on properties tab
- 5) Save & Activate

This will change the configuration to use the device SN in BVMS.

Affected Bosch VMS Components / Machines:

- Bosch VMS Management Server
- Tattile camera

List of Replaced Files:

- AppData\LPR_Event_Template.txt
- AppData\Server\DeviceAdapter\Spring.Lpr.ServerSettings.xml
- Bosch.Vms.Backend.CentralServer.WcfServices.LicensePlateReaderService.dll [Version 11.1.1.89]
- Bosch.Vms.Backend.DeviceAdapter.TattileAdapter.dll [Version 11.1.1.89]
- Bosch.Vms.Server.Lpr.LprAdapter.dll [Version 11.1.1.89]

3.8 399322: Videojet 4000 multi with disabled Audio not configurable

Patch ID:	399322
Patch Title:	Videojet 4000 multi with disabled Audio not configurable
Patch Target Version:	BVMS-11.1.1.65

Patch Details:

This patch fixes issue 399322 being able to configure Videojet 4000 multi where Audio was disabled via license.

Problem Details:

Issue 399322 caused the problem that Videojet 4000 multi with disabled Audio was not configurable in Config Client.

In the Operator Client Alarms are visible like "Device x.y.z could not be checked...".

After Patch installation:

To make the changes of the Patch effective, please do the following:

- Start Config Client.
- Use the "Update states and capabilities" functionality in the toolbar to update the device capabilities.

Affected Bosch VMS Components / Machines:

- Bosch VMS Management Server
- Bosch VMS Config Client

3.9 375802: View recording prohibited

Patch ID:	375802
Patch Title:	View recording prohibited
Patch Target Version:	BVMS-11.1.1.65

Patch Details:

This patch fixes issue 375802 in the way that the time span in which the viewing of the most recent recording is prohibited can be configured in the OperatorClient.exe.config. With this Patch the value is set to 120 seconds.

```
<add key="ProhibitedTimeSpanBeforeNowInSeconds" value="120"/>
```

This setting would only be applicable if specific BVMS user has playback permission, but does not have live permission for a specific camera being displayed.

Problem Details:

Issue 375802 caused the problem that pre-/post-alarm recordings were accessible in OperatorClient on real-time even if user has no "live view" authorizations.

Affected Bosch VMS Components / Machines:

- Bosch VMS Operator Client

List of Replaced Files:

- AppData\Client\OpClient\ApplicationWiring\OperatorClient.exe.config
-

3.10 406477: Config Client Monitorgroup configuration slow

Patch ID:	406477
Patch Title:	Config Client Monitorgroup configuration slow
Patch Target Version:	BVMS-11.1.1.65

Patch Details:

This patch fixes issue 406477 by avoiding to load the camera tree for monitor configuration multiple times.

Problem Details:

Issue 406477 caused the problem that Monitorgroup configuration is slow with higher number of decoders in Config Client.

Affected Bosch VMS Components / Machines:

- Bosch VMS Config Client

List of Replaced Files:

- Bosch.Vms.Config.DeviceTree.Extension.AMG.dll [Version 11.1.1.95]
- Bosch.Vms.Config.DeviceTree.Extension.AMG.Wpf.dll [Version 11.1.1.95]