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1 BVC 1.2 Software Release Letter

Software Version 1.2
Release letter Version 4.0

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A) New Features

BVC 1.2 features

1. BVC 1.2 provides viewing, playback and archiving facilities for all IP camera and IP encoder devices supported by VideoSDK 5.1. The configuration wizard helps the user getting the camera system up and running quickly. The configuration manager allows detailed control of all features of the encoder and camera devices.

2. BVC 1.2 supports the Divar 700 Series recorders with analog and SD and HD IP cameras. For configuration of Divar recorders the Divar Configuration Tool can be activated from within the configuration manager.

3. BVC 1.2 supports direct connection to a single VRM or single Divar 700 Series recorder and use of entitlements and rights defined at the device.

4. BVC 1.2 supports logon connection to up to 3000 sites with 700 Series recorders. All recorders on a site must have the same user accounts and user-passwords defined. When logging on to a site all cameras enabled on the recorders on a site are directly visible within BVC. For system configurations with many sites a filter can be defined which limits the sites visible in the site selection list to a manageable number.

5. BVC 1.2 allows per user definition of directories containing exports and screenshots. These directories are traversed when showing listings of exports and screenshots available for playback.

6. BVC 1.2 screenshot images can be captured in BMP, JPEG and PNG image format.

7. BVC 1.2 supports VRM 2.12.0019 or later.

8. BVC 1.2 supports the BVIP VIPXD and VIPXDHD decoders. This feature allows live camera streams from BVIP devices to be redirected from BVC to decoders. The monitor wall task panel shows the special relationship of the monitors attached to decoders.

9. BVC 1.2 collects Divar 700 devices.

10. BVC 1.2 can show recorded text metadata from ATM/POS devices connected to Divar 700 Series units with both live and recorded video for a single stream. It also allow text search on recorded streams.

11. BVC 1.2 shows multiple tracks per video input when two recording tracks are defined for a video input or when a VRM backup track has been configured in the CM.

12. BVC 1.2 allows definition and starting of VRM backup jobs. It shows the completion status of the background jobs like backup jobs, format and ANR. These jobs can be cancelled from BVC.

13. BVC 1.2 supports backup or fail-over VRM servers. When logon to the primary server fails, the second VRM server is used. Should the primary server come online again, then BVC will not try to reconnect to this primary server automatically. When BVC is restarted logon to the primary VRM server is tried first.

14. BVC 1.2 can be “deployed” as a zero-install application directly from the Divar 700 Series recorders running firmware 3.43. Note that Divar 700 firmware 3.41 contains the zero-install version of Divar 700 Series Control Center (predecessor of BVC). In all other aspects both versions are identical.

BVC 1.1 features

1. An Export log file containing a list of exports is now created:
   In XP: C:\Documents and Settings\All Users\Application Data\Bosch\VideoClient\ExportLog.txt
   In WIN7:
   C:\ProgramData\Bosch\VideoClient\ExportLog.txt

2. BVC has support for DLA 1200 and 1400 Series storage systems.

3. BVC now shows the total number of search hits during IVA search and Event search.

4. The context menu of export now has an authentication option.

5. A logbook is kept and stored:
   - In XP:

   C:\Documents and Settings\username\Application Data\Bosch\VideoClient\Logbook<n>.txt
   - In Win7:

   C:\Users\username\AppData\Roaming\Bosch\VideoClient\Logbook<n>.txt

B) Fixed problems

Fixed in BVC 1.2

1. AUX commands now work for correctly for OSRD and Bicom.

2. Replay from local recording (SD cards, direct iSCSI, built-in HDD/USB drive) now works if user level password is set on the encoder, provided you only have device's with local recording. Replay is possible if you add this password to the CM\System tab General\Client/Server - iSCSI Media tab. Please note that as soon as you have a VRM also added to your system then you have no replay from the devices with local recording, even not from a device that is in your VRM with ANR activated "Track 2".

3. BVC audio replay now Works reliably.

4. A problem preventing motion alarms from appearing in the event list has been fixed. So maximize on new alarm now works.

Fixed in BVC 1.1.400

1. Multicast is supported in networks having routers capable of handling multicast traffic.

2. PTZ handling is improved. Cameras in the junior dome family used to revert to auto-iris and autofocus when the manual iris or focus control button was released. This is no longer the case.

3. When opening a video stream for display in a cameo, sometimes the cameo remained black. This has been fixed.

4. The camera extension license(s) are now accepted.

Fixed in BVC 1.1

1. Cameo overlay icons did not always (dis)appear correctly in all use-cases. This has been fixed.

2. On windows 7 systems the help viewer could not be started.

3. In some cases the Configuration Manager did generate an incorrect database encoding which BVC failed to read.

4. Playback of recordings on VRM device was impossible for disconnected cameras.

5. Some property dialogs did not correctly show (long) property values.

6. Under some conditions DirectX Redistributables would not install properly, requiring reregistering certain security DLLs. This is no longer needed.

7. Password length is now 31 characters in both Configuration manager and Bosch Video Client.

8. A bug in Configuration Manager that would crash Configuration Manager when no password was entered for access to a password protected configuration database has been fixed.

9. When camera access in Configuration Manager has been set to "Access Denied", you no longer can view the camera recordings or the relay/contact state in playback.

10. Setting "Control denied" on a camera in Configuration Manager now shows the contact/relay state of the camera, but does not allow toggling of this state.

C) Known limitations

1. The BVC application has localization in place for 19 languages, but only English BVC operator's manual and help is available at release of BVC 1.2. Some search algorithms in Forensic search are available only in English and German language. They will present English language dialogs in other languages. Translations of the manual will be available at the Bosch website. The translated application help files will be made available in an aftercare release that will be available on the Bosch website http://www.boschsecurity.com.

2. When installing BVC on a computer which has BVIP Lite Suite installed, the number of users that can be defined is limited to 30.

3. The configuration manager allows a camera to be attached to more than one VRM (for instance by running the wizard twice and assigning the same camera to two different VRMs. This however leads to unpredictable behavior and should be avoided.

4. BVC 1.2 supports export in windows compatible ASF format and native MP4 Format. For export in ASF format to work, your PC must have Windows Media player 11 installed.

5. Maximum export file length of BVC 1.2 is limited to 2 GByte.

6. Encryption Site License (option) must be installed to make AES encryption usable.

7. Under Vista when using UAC, Configuration Manager must be run as administrator for valid licensing.

8. When using the Wizard to reconfigure, this will not work for password-protected devices.

9. FTP address must be IP address only, URL is not supported.

10. When the integrated iqn-Mapper is used in a non-VRM environment, the iSCSI configuration passwords must be set equal at all iSCSI targets.

11. Alarm input rules of AutoDomes running firmware version 4.10 can not be configured correctly in Configuration Manager. The Web interface should be used instead.

12. After changing the IP address of a device the settings page might not be updated automatically. Manual refresh might be required.

13. The Wizard may run into a timeout situation when configuring a camera with motion recording. A “Retry” button appears which needs to be pressed then.

14. When time zone had been changed in Advanced Mode, synchronization to PC in Basic Mode does not update time zone.

15. The “Save” button is not activated in Basic Mode when DHCP settings are changed.

16. In Date/Time settings page, the date and time values shown are from PC instead of from device.

17. Upload of a configuration file might be incomplete if it includes recording settings. It is recommended to check the settings manually.

18. Special characters like ‘&<:>@’ are not allowed for names and passwords. If entered into devices using the Web GUI the Configuration Manager will not be able to access the devices.

19. BVC system setup is limited to 200 inputs (cameras, relays, digital I/O).

20. When setting up a environment using multiple (VRM) recorders, extra caution is required when using Configuration Managers Wizard:
    As expected: Devices configured for the recorder referred in the recorder step will be marked by a green block in the checkbox.
    Pitfall: Devices configured for another recorder will not be marked by a green block in the checkbox.
    Selecting the devices for (re-)configuration can cause unpredictable behavior for earlier settings and recordings. Earlier recordings may not be accessible any more.

21. When setting up an environment using Divar 700 recorders, extra caution is required when configuring user rights. The user rights in a system with BVC are managed by BVC. This means that the user account used to access the recorder must have full rights assigned.
A side effect of this is that a BVC user who may not have playback rights to a camera attached to a Divar 700 unit, will be able to switch to playback. However he will not see a timeline and he will not be able to do playback.

22. Saving empty password may cause I/O error message without effect for the setting.

23. User names and passwords for BVC user management are limited to 31 characters.

24. BVC does not refresh the monitor wall tab when a broken network connection to a VIPXD device is restored. Please restart BVC to refresh.

25. Text search on a DVR export does not work.

26. Archives contain no motion events.

27. Protect or erase track do not work for device local recording.

28. Timeline/event searches do not contain audio.

29. HD cameras connected through Divar 700 will show with 4:3 aspect ratio in BVC.

Note:
If multiple Configuration Managers are used in the network, maintaining the same or an overlapping set of devices simultaneously, unpredictable effects might occur when writing to the devices.

D) Installation requirements

The BVC application requires the following minimum PC configuration:

- Processor:	Intel Pentium DualCore, 3.0 GHz or comparable
- RAM memory:	2048 MB
- Free hard disk space:	10 GB
- Graphics card:	NVIDIA GeForce 8600 or higher
- Network interface:	100/1000-BaseT
- Operating System	Windows XP (Service Pack 2 or higher) or Windows 7 (32 bits and 64 bits)
-. Software	DirectX 9.0c MPEG-ActiveX 5.06.00.13 or newer

E) Quick installation and configuration

1. Double-click the installer.
   Follow the instructions of the software package installer.
2. Start BVC by double clicking the BVC icon on the desktop. BVC will automatically start the configuration wizard to help define your camera system.
3. Fill in the wizard screens. After completing the wizard you end up in the Configuration manager.
4. Make sure that the updates, which are applied to the camera configuration in the Wizard and Configuration manager, are passed on to BVC. You can force this by performing the following steps in the Configuration Manager:
   + Make sure that in menu File modus advanced is active.
   + Select "Application" | "Video Client" in the system panel.
   + Select the "Cameras" Tab above the right side panel.
   + Unselect and then select a camera by clicking two times on a tick mark before a camera device in the "Camera order" panel. The floppy disk on the button ribbon below the menu bar will turn blue.
   + Click on the floppy disk button to save the configuration, or click "Yes" in the Warning panel popping up when you want to switch to another tab.
5. Close the Configuration Manager program.
6. Run the BVC client software:
   Start | All Programs | Bosch Video Client | Bosch Video Client.

F) Tips and tricks

After uninstalling BVC and reinstalling it again, the existing configuration of the first installation is still available to the newly installed BVC. If you do not want this, you should remove the file:
C:\Documents and Settings\<user name>\Application Data\Bosch\VIDOS\conf\vdb.xml
(on Windows XP)
Note: In this path you should replace <user name> with the name of the logged on user.

After running the configuration wizard, the file vdb.xml will created.
