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| From     |                    | Telephone       | Nuremberg  |
| STVC/PRM | Product Management | +49 911 93456 0 | 08.03.2012 |

## Release Letter

|          |                                     |
|----------|-------------------------------------|
| Product: | <b><i>Configuration Manager</i></b> |
| Version: | <b><i>4.30.0042</i></b>             |

This letter contains latest information about the above mentioned software.

### 1. General

Configuration Manager is a generic configuration tool for all Bosch IP Network Video Products, both software modules and hardware devices.

It is used for configuration and licensing of the various products where it may be included on the product CD.

Configuration Manager 4.30.0042 is a maintenance release based on version 4.22.0030.

It is the configuration tool for Bosch Video Client (BVC) 1.3 and for Video Recording Manager (VRM) 2.22 as well as Bosch cameras and encoders with firmware up to versions 5.50.

It includes VSDK 5.20.0045 and latest plug-ins for IVA 5.5 configuration.

This version supports 11 languages.

Embedded help files are available in DE, EN, ES, FR, IT, JA, NL, PL, PT, RU and Simplified Chinese.

Make sure to always use the latest released version.



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## 2. Changes

- Updated tree view and device allocator with improved performance, same feature set.
- VSDK/MPEG-ActiveX 5.20.0045 has been integrated, requiring .NET 3.5 installed.

### ***Changes with 4.22.0030***

- Updated VRM 2.21 help files.

### ***Changes with 4.22.0022***

- Wrong value in PSK for wireless cameras has been fixed.

## 3. New Features

- Support of FW 5.50 devices. This includes the new devices:
  - NDN 822-P
  - NDC 265-PIO
  - NTC 265-PI
  - NDC 274-P
  - VJT X20 XF-E
  - VJT X40 XF-E
  - Extreme IP EX65
  - MIC-550 IP
  - REG 1.5 IP
- IPv6 and DNS support  
In the device info bar the IP address has been replaced by an URL.  
IPv4 and IPv6 addresses as well as DNS names can be displayed.  
The "New device" dialogue also accepts IPv6 addresses and DNS names.
- Limited DIBOS/BRS support (similar to DIVAR 700 support)  
DIBOS/BRS devices can be detected via VSDK network scan and added to the database.  
BVC user management has been enhanced for DIBOS/BRS devices.
- Detection of not configured devices  
A flag can be set inside BVIP devices to mark them as configured regardless if using default IP address or DHCP.



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***Features with 4.22.0018***

- Support of BVC 1.2.
- Support of new cameras and encoder introduced with FW 4.54.
- Support of new camera Dinion HD 1080p introduced with FW 5.0.
- Divar 700 can be detected and added to the database.
- Divar 700 can be configured out of Configuration Manager when Divar 700 configuration tool is installed.
- 'Show Live Video' is adapted for Divar 700 supporting up to 32 video-inputs, each from one decoder. The menu bar shows a 'Camera' drop down box.

***Features with 4.21.0002***

- Input order and input access configuration support device tree groups.  
The configuration pages show a drop-down box for group selection.
- VRM Configurator 2.12 features have been migrated into Configuration Manager.
- VRM help can be opened from within Configuration Manager.
- Recording configuration in Primary and Secondary VRM modes is supported.
- Health monitor allows to configure the number of displayed devices per page and to switch between pages.
- VRM load balancing allocation information is read from VRM and warning shown when recording gets started without allocated storage.
- User management for VRM has been adapted to match BVC user management.
- Table view can be filled with simple VRM parameters.



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**Features with 4.04.0008**

- Support of AutoDome VG5 and AutoDome Junior HD fixed, introduced with firmware 4.53.

**Features with 4.03.0018**

- Configuration Manager provides all settings that are known from VRM Configurator system node (VRM settings, advanced, license and SNMP). Additionally Configuration Manager can setup the VRM time, IP address and user management.
- Support of BVC system and camera configuration as well as user management.
- BVC can be started from the Configuration Manager Tools menu.
- Support for all new cameras introduced with firmware 4.52 (includes 4.50 and 4.51).
- Support for all existing standard definition cameras and encoders, both MPEG-4 and H.264.
- Table View templates can be saved and loaded.
- Multiple select is possible for setting the VCA profile selection.
- Device Allocator editor has been enhanced to increase usability and to allow add/remove cameras in VRM.

**Features with 4.01.0024**

- Support of Bosch Video Client system and camera configuration as well as user management.
- Support for all new cameras introduced with firmware 4.51 (includes 4.50 and Autodome Junior HD).
- Support for all existing standard definition cameras and encoders, both MPEG-4 and H.264
- Table View templates can be saved and loaded.
- Multiple selections are possible for setting the VCA profile selection.
- Device Allocator editor has been enhanced to increase usability and to allow add/remove cameras in VRM.



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## 4. Restrictions; Known Issues

- VGA settings for VIP XD are not available in this Configuration Manager version. Must be set up via the product's web site.
- Encryption Site License (option) must be installed to make AES encryption usable.
- When using the Wizard to re-configure this will not work for password-protected devices.
- FTP address must be IP address only, URL is not supported.
- When the integrated iqn-Mapper shall be used in a non-VRM environment, the iSCSI configuration passwords must be set equal at all iSCSI targets.
- Alarm input rules of AutoDomes running firmware version 4.10 can not be configured correctly in Configuration Manager. The Web interface shall be used instead.
- After changing the IP address of a device the settings page might not be updated automatically. Manual refresh might be required.
- 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.
- When time zone had been changed in Advanced Mode, synchronization to PC in Basic Mode does not update time zone.
- The "Save" button is not activated in Basic Mode when DHCP settings are changed.
- In Date/Time settings page, the date and time values shown are from PC instead of from device.
- Upload of a configuration file might be incomplete if it includes recording settings. It is recommended to check the settings manually.
- 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.
- BVC system setup is limited to 200 inputs (cameras, relays, digital I/O).
- Devices which are assigned to a recorder (e.g. VRM) are not marked in the Wizard with a green checkbox if another recorder is selected. Multiple assignments may happen and special attention is needed.
- Saving empty password may cause I/O error message without effect for the setting.
- User names and passwords for BVC user management are limited to 31 characters.
- Database path must be re-written if previous installation did not use default path.
- VRM parameters can only partially be dragged into table view.
- On Windows 7 with UAC used, license application can only be performed when Configuration Manager is run in administrator mode.
- The following device context menu items are not available or not enabled for a Divar 700: File Upload, Settings, Device Network Settings, Show in Web browser, Show Settings in Web Browser, Blink LED, Reset.



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- 'Device info' dialog for Divar 700 only shows the general information tab and information that can be retrieved through the VideoSDK interfaces.
- Configuration Manager Wizard does not support Divar devices. Divar devices can neither be added to the system nor configured via Configuration Manager Wizard.
- No IP V6 & DNS check for VRM databases.
- DIBOS/BRs configuration (neither configuration pages nor via external configuration tools) is not supported.

**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.

**Note:**

For stand-alone installation of Configuration Manager 4.30, .NET 3.5 must be installed, required by VSDK 5.20.

## 5. System Requirements

|                            |  |
|----------------------------|--|
| Hardware                   | Personal Computer  |
| CPU                        | Dual Core, 3.0 GHz or better   |
| RAM                        | min. 2 GB  |
| OS                         | Windows XP Home/XP Professional SP2/SP3,<br>Windows Server 2008R2<br>Windows 7 SP1 |
| Graphic Card               | refer to MPEG-ActiveX 5.20   |
| Ethernet Card              | 100 Mbps   |
| Sound Card                 | Recommended  |
| Software                   | Microsoft .NET 3.5   |
| Free Memory (Installation) | 250 MB (Configuration Manager, MPEG-ActiveX)                                       |