

Instructor Lead Training

BVMS – Bosch Video Management System

“BVMS Configuration Client” training for Installers

Course Prerequisites



- You should be familiar with fundamental network terminology and concepts.
- You should be familiar with CCTV hardware/equipment.
- Preferably have completed the “BVMS Introduction Training for Installers” found at the following link ...

<http://training.boschsecurity.us/OnlineLearning/>

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Classroom Requirements for Students

➤ Notebook/Laptop with the following specifications:

- Operating System
 - Windows XP – not Vista.
- RAM - 512MB min, prefer 1GB.
- Processor - 2.0GHz minimum.
- Graphics Adapter:
1024 x 768 min (prefer 1280 x 1024) for widescreen, consider vertical resolution.
- Memory - 128Mb min, prefer 256Mb.
- Ethernet - 100Mb minimum.
- C:\ to have min 10GB free space for installation.



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Classroom Requirements for Students

Note: The BVMS NVR intentionally does not write video data to the primary volume (normally C: drive), therefore at least 2 disk volumes are required.

- Drive Capacity to be either one of the following formats;
 - 2 x internal HDD's
 - 1 x internal HDD with at least 2 partitions
 - 1 x internal HDD plus an external USB HDD.
 - NVR drive to have at least 10GB free space.

- 1 x CAT5E network cable 2m long.

- Have a downloaded copy of the BVMS Software to install during class which is available from:
<http://www.boschsecuritysystems.com.au>



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Course Outline

- The BVMS Configuration Client training is a 2 day course.
- When you have completed this training, you will be able to:
 - Understand the Bosch Video Management System and its functions
 - Given system specifications, use the Configuration Client to:
 - ❑ Build the Device Tree with encoders, NVR's and other devices
 - ❑ Build the Logical Tree with maps, folders, documents, and web pages
 - ❑ Define recording schedules and task schedules
 - ❑ Configure camera recording settings
 - ❑ Configure recording quality settings
 - ❑ Configure when an event will trigger an alarm and be logged
 - ❑ Configure system alarms and set alarm priorities
 - ❑ Add user groups and configure user group permissions
 - ❑ Save, Activate, Restore, and Export your configuration



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Course Objectives in Detail

- Installation ...
 - Understand the different BVMS components
 - Correctly select which components to load to Server/PC
 - Install the correct components on Server/PC

- Start the program for the first time ...
 - Start the BVMS Configuration Manager
 - Select the required licences to Activate
 - Register as a user on the website
 - Obtain Activation Keys from the website
 - Activate the Packages in the Configuration Manager
 - Save & Activate the Initial Configuration



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Course Objectives in Detail

- Brief System Overview ...
 - Identify the 7 Main Menu Icons of BVMS
 - Understand their Left to Right workflow
 - Locate the Sub Menu Icons of the Main Menus
 - Identify the 5 drop-down menus
 - Understand that the drop-down menus have additional features

- Basic Setup ...
 - Scan for IP devices – cameras and encoders
 - Assign those devices to an NVR
 - Change IP Addresses
 - Update device firmware
 - Configure the device names
 - Add an encoder or decoder manually from a different subnet
 - Save and Activate the configuration



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Course Objectives in Detail



➤ Device Tree ...

- View Device sub-components and their details
- Configure NVR Storage
- Configure Camera Storage times and Camera Backup details
- Add and Configure a Failover NVR
- Add a DiBos DVR
- Add a Workstation and assign an Analogue Monitor Group (AMG) and an IntuiKey Keyboard
- Add a Decoder and configure an AMG
- Add additional IntuiKey Keyboards

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Course Objectives in Detail



➤ Maps and Structure ...

- Identify the Logical Tree
- Manage and import Resource files like dwf maps, text files etc
- Add folders and other documents into the Logical Tree
- Understand that scripting is available for advanced control
- Add and configure camera sequences
- Add cameras to a map
- Scale Map size, camera icon size and modify camera icon direction
- Create links to other maps

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Course Objectives in Detail



➤ Schedules ...

- Add Recording Schedules
- Reconfigure a Recording Schedule
- Configure a Holiday Schedule
- Add and Configure an Exception Day Schedule
- Add and Configure Task Schedules

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Course Objectives in Detail



➤ Cameras and Recording ...

- Identify the Camera Table and configure PTZ Domes
- Assign Logical Numbers to all Cameras
- Set Recording Qualities for all required Schedules
- Modify Recording Quality Settings if required
- Configure COM Port settings for PTZ's
- Configure PTZ Pre-Positions and AUX Commands

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Course Objectives in Detail



➤ Events and Alarms ...

- Understand there are many events which can be monitored
- Create a Single Event
- Create a Compound Event
- Configure when an event is handled
- Understand that Scripting is available using the Video SDK
- Configure Global Alarm Settings
- Identify the location of a previously configured “Event”
- Configure the Alarms more detailed parameters
eg:- alarm notifications, action plans, priorities etc

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Course Objectives in Detail



➤ Users and User Groups ...

- Add new User Groups and New Users
- Add Logon Pairs
- Schedule when a User Group can log on to the Operator Client
- Configure which devices can be accessed by a User Group
- Configure which Events and Alarms are to be processed by a User
- Select a User Group's access to functions and their priority
- Set specific Camera function access to a User Group
- Configure Decoder access
- Configure Monitor Layout

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Once the Training is completed ...

... there will be a ...

TEST

- The test is a hands on student exercise designed to utilise the knowledge gained during training to configure a small, but typical system.
- It is “Open Book” where you will have the documentation provided, the BVMS system itself and the online help file available to assist you during the exercise.
- Your course instructor will also be available to assist you during this time.

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The Operator Client Application

- The Operator Client will be demonstrated prior to commencing the Configuration Client Training. This is to help you become familiar with the “end result” of what your configuration will look like.
- Also, at the end of the test, you will be asked to run the Operator Client so you get to see the results of your configuration.



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**Need Help ?
Want more detail ?**



- Please, if you don't understand something; ask your instructor. You are encouraged to ask questions as we go through the course material.
- Good luck and have fun with the course !