

Course title: BVMS Expert Certification (with Appliance Storage)

Duration: 6 two hour sessions over 3 Days

Target audience: Technicians, Project Managers and IT Professionals

Max number of attendees: **3 to 4**

Objectives:

Upon successful completion of this course the participant should be able to:

- Describe Bosch Video over IP (BVIP) Equipment
- Define camera configurations and capabilities
 - Configure using BVMS
- Configure Bosch VRM
- Describe BVMS System Architecture and Equipment
- Define basic system configurations
 - Logical Tree concept
- Install and Configure BVMS from an administrative standpoint, to include:
 - IP Cameras
 - Schedules
 - Maps
 - Users and User Groups
- Perform Basic Alarm Configurations

Training Block 1 Morning Session – 20 minutes

B1-Module 1: Encoder and Camera Technical Overview

- Product Family Overview
 - CPP Platforms
- 5MP and Ultra HD Resolutions

B1-Module 2: BVMS Technical Overview

- BVMS Overview
- Server Functionality and Services
- Applications
- System Compatibility and Capacity

Training Block 2: Morning Session – 2 Hours

B2-Module 1A: BVMS Licensing

- Licensing Basics
- Packages and Bundles
- Licensing Overview
 - Lite
 - Pro
 - Expansions
 - Demo Packages
- Activation Website
- License Activation
- Enterprise Licensing Options

B2-Module 1B: Initial Device Configuration

- Initial Device Discovery
- IP Address and Subnet Assignment
- Firmware Updates

B2-Module 3 A: Time Sync and Checks

- Devices to be Time Synced
- Servers and Cameras
- Automatically setting a system

B2-Module 2: Configuration Client and Device Tree

- Using Configuration Client
- Saving and Managing Configurations
- Adding Workstations
- Adding Decoders
- Adding VRM, Storage, and Cameras

BREAK

DAY1 Afternoon Session – 2 Hours

B2-Module 3: Configuring Devices

- Camera Utilities
- Main and Advanced Settings
- Network Settings
- Stream Quality Settings

B2-Module 4: Logical Tree

- Logical Tree Menus
- Adding Devices
- Adding Folders
- Adding Maps

B2-Module 5: Schedules and Camera Configurations

- Schedules
- Task Schedules
- Camera Configurations and PTZs
- Stream Configuration
- Recording Settings and Device Family's

END OF DAY 1 / Perform Day 1 EOD Exercise

Training Block 2: Day 2 Morning Session – 1.5 Hours

Perform Morning Day 2 Exercise Prior To Start

B2-Module 6: Alarms and Events

- Events
 - Scheduling Events
- Alarms
 - Basic Jobs
 - Alarm Properties

B2-Module 6 B: Advanced State Display

- Enabling Advanced State Display
- Configuring Colors and Priority
- Auto Camera Display on Maps

B2-Module 8: Users and Groups

- Adding Groups
 - Groups Properties
 - Logical Tree Permissions
 - Device Permissions
- Adding Users

B2- Module 8A and 8 B Operator Client and Troubleshooting

- Main Page layout
- Menus and Submenus
- Using Op Client to perform functionality Checks
 - Live
 - Playback
 - Hardware
 - Network

BREAK**DAY2 Afternoon Session – 2 Hours****Training Block 3****B3- Module 1: VRM Technical Overview**

- VRM Deployment Options
- Fail Over and Secondary Operation
- File Locations
- Retention Times and Operating Modes
- Storage Options and Licensing
- Communications

B3-Module 2 A: Adding VSG

- VSG functionality
- Adding VSG
- ONVIF communications
- ONVIF devices and stream options

B3-Module 4: VRM Monitor Page

- Main Monitor Page
- How to read pages
- Device views and custom views
- Troubleshooting and functionality Checks

END OF DAY 2 / Perform Day 2 EOD Exercise

Training Block3: Day3 Morning Session

Perform Morning Day 3 Exercise

Training Block 3 – 2 Hours

B3-Module 1: DIVAR IP Recording Appliance Overview

- Appliance Overview
- 7000 Family Overview
- License Expansion Options
- 6000 Family Overview
- Storage Expansion Options

B3-Module 2: BVMS Config collector

Exam Review and Materials

Perform Day 3 lunch Exercise

Break

Final Practical EXAM

Module 21: Final Exam / Reviews

- Students TEST out and are Graded!
- Course Reviews

Practical Content:

At least 80% hands-on

Written Test ON LINE