

Bosch Video Management System 2.0

Course Title:	Bosch Video Management System 2.0
Duration:	3 Days
Target Audience:	Installation, Service Technicians, Project Managers
Total Attendees:	8
Objectives:	Upon successful completion of this course the participant should be able to: <ul style="list-style-type: none">• Understand BVMS System Architecture and Equipment;• Understand basic system configurations and data flow;• Install and Configure BVMS from an administrative standpoint, including:<ul style="list-style-type: none">○ Maps○ Workspaces○ Favorites○ User's and User Groups;• Basic Alarm Configuration;• Virtual Matrix
Prerequisites:	Basic computer skills

Course Content:

Module 1: Networking 101 Refresher

- Introduction to Unicast, IP Multicast
- Repeaters, Bridges and Switches, Routers (Base OSI Model)
- TCP, UDP Ports and Concepts

Module 2: Encoder Technical Aspects

- Encoders and Decoders CCTV Basic Concepts
 - CIF , 2 CIF, 4CIF
- X Generation, 1600, Cameras
- Networking and Encoder Ports

Module 3: BVMS Architecture

- PC Hardware Requirements
- Server Hardware Requirements
- Operating and Service Pack Requirements and Limitations

Module 4: BVMS Licensing and Machine Prerequisites

- Licensing Overview
 - Lite
 - Pro
 - Expansions

- PC Hardware Requirements
- Server Hardware Requirements
- Operating and Service Pack Requirements and Limitations

Module 5: Encoder Detection and Configuration (Manager)

- Scanning Network via Configuration Manager (Firmware Flash)
- Encoder IP Assignment
- Encoder Webpage Basics
- Encoder Service Settings Page (Encoder profiles /Accounts/Time sync/Main.htm /masterpwd.htm)
- RAID Concepts
- iSCSI Basics
- iSCSI Configuration
- DAS Connection and Configuration
- NAS and SAN Design Considerations

Module 6: BVMS Configuration Client (First Steps)

- Configuration Client
 - Add Encoders
 - Add Decoders and Monitor Groups
 - Adding Workstation
- Adding Devices to the Logical Tree
- Saving and Pushing your Configuration
- Live Video Check
- Schedules

Module 7: Logical Tree

- Adding Folders
- Adding Documents. Web Pages
- Adding Maps
- Scripting

Module 8: Users and Groups

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

Module 9: Alarms and Events

- Events
 - Event schedules
 - Compound Events
- Alarm
 - Basic Jobs
 - Alarm Properties

Module 10: Operator Client

- Main Page Layout
- Menus and Sub Menus
- Right Click Menus
- Play Back Options
 - Events Searches
 - Forensics Search

- Exporting

Module 11: VRM Concepts

- VRM Concepts
 - Theory of Operation
 - Modes
 - All
 - Restricted
 - Failover
 - Preferred
 - Restrictions

Module 12: VRM Configuration

- BVMS VRM Wizard
- Adding iSCSI Devices
- Adding Encoders
- Formatting LUNS
- Modes

Module 13: Review/Exam

- Course Reviews
- Final Exam

Final Exam: Passing grade is 75% or higher

Practical Content: At least 70% hands-on