



BOSCH

Invented for life

Bosch Security and Communications Training Academy

North America Course Catalog

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Introduction

Bosch Security Systems is a division of the Bosch Group and is a leading global supplier of security, safety and communications products. We are committed to providing our customers with innovative, high quality solutions backed by world-class customer service and support.

Our broad range of scalable, innovative and reliable products, extensive training programs and our technically competent staff enable you to design dependable solutions from a supplier you can trust. The superior performance of Bosch products combined with reduced system downtime lowers call back costs and leads to greater end user satisfaction and retention.

At Bosch, design, innovation and quality are top priorities. Our significant investment in research and development enables you to maintain your competitive edge. Our training programs ensure you understand how to get the most from our systems.

If you have any questions, please feel free to contact us at training@us.bosch.com or 800-289-0096.

Training Guidelines

Bosch now offers a state-of-the-art Learning Management System (LMS). This site improves customer's ability to register for a course, track courses taken or to be taken, as well as to easily print certificates. Below is a list of policies and guidelines to enhance your training experience.

1. Customers must first register for access to the Training Website. To register, go to <http://training.boschsecurity.us> and click on *Register* under *New Users*. Fill out the form and click *Submit*. **(Please note:** You choose your own User ID. Be sure it is something you will remember). An email will be sent to you in 24–48 hours and, if approved, will include a temporary password.
2. Course registrations are accepted only through the Training Website.
3. Confirmation of registration will be sent automatically upon registering for any course without a course fee. For courses with a fee, an email will be sent upon completion of receipt of credit card information or a Purchase Order.
4. Bosch Security Systems, Inc. has the right to cancel a course, with at least 10 business days notice, in the case of insufficient enrollment.
5. Enrollment in a course can be canceled by a participant up to 10 business days prior to the start of the course with no penalty. Customers who cancel with less than 10 business days notice or those who do not attend a course after registering are subject to a \$500 cancellation/ no-show fee.
6. It is permissible to send a substitute participant to the course. Advanced notification of the change is always appreciated.

Bosch training facility locations

The Bosch Security and Communications Training Facilities located in Greenville (Greer), South Carolina; Rochester (Fairport), New York; Lancaster, Pennsylvania; Lincoln, Nebraska; Minneapolis (Burnsville), Minnesota; and Ontario, California; host a variety of training opportunities each month. Each course offered is outlined in the following pages, with information on prerequisites and CEUs. To find out more about Bosch Security and Communications Training and how we can support your development, please read on.

If you have any additional questions about training opportunities, please contact the Training Academy via email at training@us.bosch.com or by phone at 800–289–0096, option 7.

Burnsville, MN

12000 Portland Avenue S.
Burnsville, MN 55337

Greer, SC

140 Caliber Ridge Dr.
Greer, SC 29651

Lincoln, NE

8601 East Cornhusker Highway
Lincoln, NE 68507

Fairport, NY

130 Perinton Parkway
Fairport, NY 14450

Lancaster, PA

1706 Hempstead Road
Lancaster, PA 17601

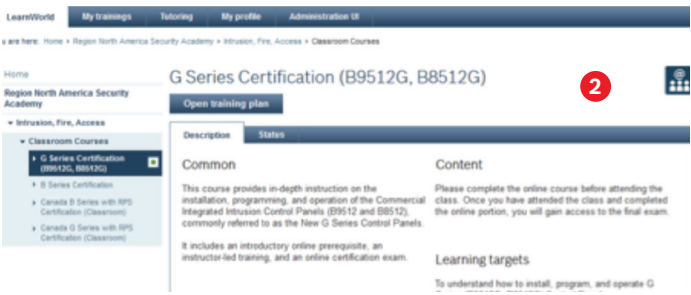
Ontario, CA

4641 E. Guasti Road
Ontario, CA 91761

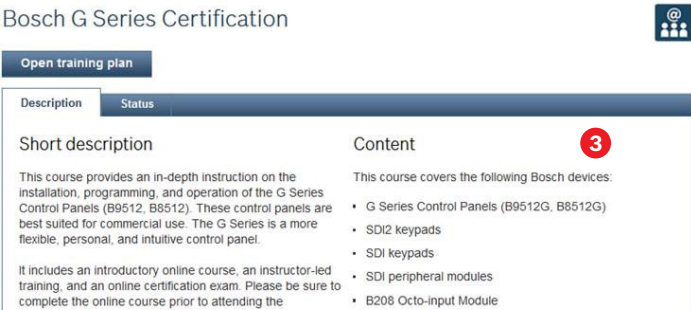
Course registration



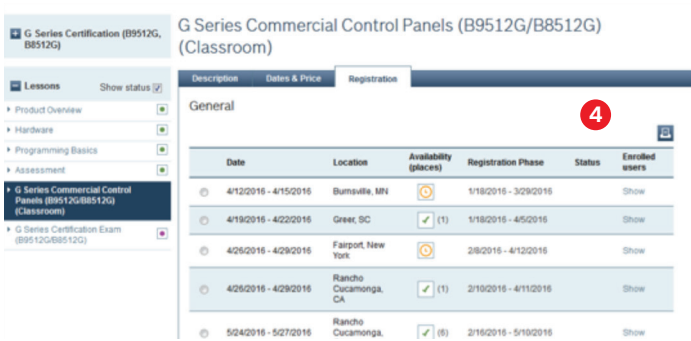
1. Classes will be in the LearnWorld section once logged in. Choose Region North America Security Academy to view all product groups.



2. Choose the folder for the appropriate product, then go to Classroom Courses.



3. After choosing a course, click the Open Training Plan or Register Button.



4. On the left-hand side, there are the online prerequisite modules, the final exam, and the Classroom course. Choose the item that says (Classroom) then click the tab for Registration.

5. Some classes will only have the classroom option. In this case simply choose Classroom, then the registration tab as well.

6. Choose a specific course date, then click Book.

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Online training courses

Access | Access Easy Controller (AEC)

Content	<ul style="list-style-type: none">– Product overview– Initial controller configuration– Video features– Hardware installation– System configuration– Utility programs
Target audience	Dealers, Installers, and Service Technicians
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none">– Describe the features of AEC– Identify appropriate applications for AEC– Discuss the benefits of the AEC system
Prerequisites	None
Duration	3 hours
Location	Online at training.boschsecurity.us
Potential CEU credits*	0.3 CEUs

Communications | Mass Notification and Life Safety

Content	<ul style="list-style-type: none">– New, major changes to the National Fire Code– Intelligibility influences on building and acoustic design– System example
Target audience	Dealers, Installers, and Service Technicians
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none">– Understand why NFPA made code changes– Explain the NFPA code changes– Describe a mass notification system– List tools for modeling sound
Prerequisites	None
Duration	1 hour
Location	Online at training.boschsecurity.us
Potential CEU credits*	0.1 CEUs

*The course outline, certificate and the number of hours required to complete the course may be submitted to your state licensure or affiliated accreditation organization to obtain CEU credits for this course.

Online training courses

Communications | OMNEO IP Basics

Content	<ul style="list-style-type: none">– OMNEO Basics– OMNEO elements <ul style="list-style-type: none">– Media networking requirements– OMNEO architecture
Target audience	Dealers, Installers, and Service Technicians
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none">– Explain requirements and challenges for media networking– Describe program transport– Explain system control– Discuss OMNEO architecture
Prerequisites	None
Duration	30 minutes
Location	Online at training.boschsecurity.us
CEU credits**	1.5 RTS

Communications | PLENA Matrix

Content	A basic overview of the Plena matrix digital sound system with an online exam
Target audience	Installers, Dealers, and End Users
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none">– Have a better understanding of the PLENA Matrix in regards to: Product Overview, Hardware & Installation, Matrix Mixer PC GUI and Amplifier PC GUIE & iOS GUI
Prerequisites	None
Duration	3 hour
Location	Online at training.boschsecurity.us
CEU credits**	1.5 RTS

**Bosch Security Systems has submitted the course outline to InfoComm for credit evaluation. Credits earned will be printed on the certificate of completion for the course.

Online training courses

Fire | FPA 1000 Fire Alarm Control Panel

Content	<ul style="list-style-type: none">– Product overview– SLC Device installation– User operations– Keypad/command center programming– Hardware installation– Option Bus Device installation– Programming basics and shortcuts– Browser-based operation and programming
Target audience	Dealers, Installers, and Service Technicians
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none">– Describe the FPA 1000 Fire Alarm Control Panel– List key features of the panel– Identify appropriate applications for the FPA 1000 Fire Alarm Control Panel– Identify various system options and their part numbers
Prerequisites	None
Duration	4 hours
Location	Online at training.boschsecurity.us
Potential CEU credits*	0.4 CEUs

Fire | FPD-7024 Fire Control Panel

Content	<ul style="list-style-type: none">– Product overview– Option Bus Device installation– Command center user operation– Setting system parameters– RPS: setting up hardware– RPS: mapping zone outputs– Hardware installation– Keypad user operation– Local programming– Mapping zone outputs– RPS: setting system parameters
Target audience	Dealers, Installers, and Service Technicians
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none">– Describe the FPD-7024 Fire Control Panel– List key features of the panel– Identify appropriate applications for the FPD-7024 Fire Control Panel– Identify various system options and their part numbers
Prerequisites	None
Duration	4 hours
Location	Online at training.boschsecurity.us
Potential CEU credits*	0.4 CEUs

*The course outline, certificate and the number of hours required to complete the course may be submitted to your state licensure or affiliated accreditation organization to obtain CEU credits for this course.

Online training courses

Intrusion | G Series/B Series Professional Training (US/Canada)

Content	<ul style="list-style-type: none">– Intrusion System Fundamentals– Intrusion Detector Fundamentals– G Series/B Series Integrated System Overview
Target audience	Installers, System Programmers, Service Technicians, Project Managers, Sales
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none">– Identify the components of an intrusion alarm system– Choose the right detector for every application– Determine which G Series and B Series panel is right for each application, based on the features and benefits
Prerequisites	None
Duration	3.5 hours
Location	Online at training.boschsecurity.us
Potential CEU credits*	0.35 CEUs

Intrusion | B Series Professional Training (US)

Content	<ul style="list-style-type: none">– Intrusion System Fundamentals– Intrusion Detector Fundamentals– B Series Integrated System Overview
Target audience	Installers, System Programmers, Service Technicians, Project Managers, Sales
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none">– Identify the components of an intrusion alarm system– Choose the right detector for every application– Determine which B Series panel is right for each application, based on the features and benefits
Prerequisites	None
Duration	3.5 hours
Location	Online at training.boschsecurity.us
Potential CEU credits*	0.35 CEUs

*The course outline, certificate and the number of hours required to complete the course may be submitted to your state licensure or affiliated accreditation organization to obtain CEU credits for this course.

Online training courses

Intrusion | Intrusion System Fundamentals

Content	– Security system basics
Target audience	Dealers, Installers, and Service Technicians
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none">– List basic components of a security system– Define important terms related to the security alarm industry– Explain how components of a security system communicate with each other and with emergency services– List important considerations for security system installation
Prerequisites	None
Duration	30 minutes
Location	Online at training.boschsecurity.us
Potential CEU credits*	0.05 CEUs

Intrusion | Introduction to IP Networking for Intrusion

Content	– P networking information location	– Key Terms
	– IP networking connections	– Communication options
Target audience	Installers, Programmers, Service Technicians, Sales	
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none">– Locate and utilize IP network information– Install security system s with IP network connections– Explain key terms– Identify and use network communication options	
Prerequisites	None	
Duration	20 minutes	
Location	Online at training.boschsecurity.us	
Potential CEU credits*	0.033 CEUs	

*The course outline, certificate and the number of hours required to complete the course may be submitted to your state licensure or affiliated accreditation organization to obtain CEU credits for this course.

Online training courses

Intrusion | G Series/B Series Integrated System Overview

Content	<ul style="list-style-type: none"> – Bosch Corporate Overview – Control Panel Features – Peripheral Devices – Integration Options – Additional Features
Target audience	Installers, Programmers, Service Technicians, Sales
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none"> – Identify the features of Bosch Intrusion Control Panels – Choose the correct peripheral devices for your installation – Understand system integration options
Prerequisites	None
Duration	1 hour
Location	Online at training.boschsecurity.us
Potential CEU credits*	0.1 CEUs

Intrusion | Detector Fundamentals

Content	<ul style="list-style-type: none"> – Detector Basics – Bosch Motion Detector Overview – Motion Detector Selection – Bosch Detector Total Cost of Ownership
Target audience	Installers, Service Technicians, Sales
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none"> – Identify different types of detectors – Differentiate between motion detector technologies and choose the right technology for your application – Understand the Bosch detector portfolio – Identify key factors to consider when selecting a motion detector – Estimate your Return on Investment for Bosch Motion Detectors
Prerequisites	None
Duration	2.5 hours
Location	Online at training.boschsecurity.us
Potential CEU credits*	0.25 CEUs

*The course outline, certificate and the number of hours required to complete the course may be submitted to your state licensure or affiliated accreditation organization to obtain CEU credits for this course.

Online training courses

Intrusion | G Series Overview

Content	– An overview of the product hardware, and basic programming of the G Series product
Target audience	Installers, Engineers, System Integrators, and Commercial Professionals that work with Bosch Integrated Intrusion Control Panels
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none">– Explain the highlights & benefits of G Series Control Panels– Identify accessory devices new to G Series Control Panels– Identify the board components of the G Series Control Panels– Explain the features and functionality of SDI2 devices– Utilize peripheral modules– Install the latest version of RPS– Identify keypad programming options– Program system points in RPS– Upgrade firmware
Prerequisites	None
Duration	1 hour and 45 minutes
Location	Online at training.boschsecurity.us
Potential CEU credits*	0.175 CEUs

Intrusion | B Series Overview

Content	<ul style="list-style-type: none">– B Series hardware basics– B Series RPS programming <ul style="list-style-type: none">– B Series basics– RPS installation
Target audience	Dealers, Installers, and Service Technicians
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none">– Explain the highlights & benefits of the B Series Control Panels– Identify peripheral devices that can be used with the B Series Control Panels– Identify the board components of the B Series Control Panel– Utilize the features and functionality of SDI2 devices– Install the latest version of RPS– Identify keypad programming options– Program system points in RPS– Upgrade firmware
Prerequisites	None
Duration	1.5 hours
Location	Online at training.boschsecurity.us
Potential CEU credits*	0.15 CEUs

*The course outline, certificate and the number of hours required to complete the course may be submitted to your state licensure or affiliated accreditation organization to obtain CEU credits for this course.

Online training courses

Intrusion | G Series/B Series Installation

Content	<ul style="list-style-type: none">– Wiring system components– Connecting system components
Target audience	Installers, Service Technicians
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none">– Identify system components– Wire and connect components to the control panel– Mount enclosure and install the control panel
Prerequisites	None
Duration	30 minutes
Location	Online at training.boschsecurity.us
Potential CEU credits*	0.05 CEUs

Intrusion | B Series Installation

Content	<ul style="list-style-type: none">– Wiring system components– Connecting system components
Target audience	Installers, Service Technicians
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none">– Identify system components– Wire and connect components to the control panel– Mount enclosure and install the control panel
Prerequisites	None
Duration	30 minutes
Location	Online at training.boschsecurity.us
Potential CEU credits*	0.05 CEUs

*The course outline, certificate and the number of hours required to complete the course may be submitted to your state licensure or affiliated accreditation organization to obtain CEU credits for this course.

Online training courses

Intrusion | Introduction to RPS Programming

Content	<ul style="list-style-type: none">– Installation– Keypad programming– Firmware upgrade
Target audience	Installers, Service Technicians
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none">– Install the latest version of RPS– Identify keypad programming options– Program system points in RPS– Upgrade firmware
Prerequisites	None
Duration	40 mins
Location	Online at training.boschsecurity.us
Potential CEU credits*	0.066 CEUs

Intrusion | Advanced RPS Programming

Content	This course reviews additional RPS programming functions
Target audience	Programmers, Service Technicians
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none">– Configure communications for reporting and notifications– Assign keypads to areas and configure keypad functions– Enable and configure duress alarms– Create custom functions– Configure points for RADION devices– Use virtual points– Use Bosch IP cameras as inputs and outputs
Prerequisites	Introduction to RPS Programming
Duration	1 hour
Location	Online at training.boschsecurity.us
Potential CEU credits*	0.1 CEUs

*The course outline, certificate and the number of hours required to complete the course may be submitted to your state licensure or affiliated accreditation organization to obtain CEU credits for this course.

Online training courses

Intrusion | Intrusion and IP Camera Integration

Content	<ul style="list-style-type: none">– Benefits of using Bosch IP cameras with G Series and B Series Control panels– How to set up your system using MOTION +
Target audience	Installers, Engineers, System Integrators, and Commercial Professionals that work with Bosch Integrated Intrusion Control Panels
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none">– Identify the benefits of using Bosch IP cameras with G Series/B Series Control Panels– Understand how to set your system up using MOTION+
Prerequisites	None
Duration	3 hours
Location	Online at training.boschsecurity.us
Potential CEU credits*	0.3 CEUs

Intrusion | Cellular for Intrusion Systems (US)

Content	<ul style="list-style-type: none">– Installer Services Portal– Module options– Installation <ul style="list-style-type: none">– Web Services setup– Activation– Invoicing
Target audience	Installers, Service Technicians
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none">– Sign up for cellular service– Choose the correct cellular module– Install the cellular module– Set up web services and activate CDMA– Configure primary path for cellular in RPS– Understand the invoice
Prerequisites	None
Duration	20 mins
Location	Online at training.boschsecurity.us
Potential CEU credits*	0.033 CEUs

*The course outline, certificate and the number of hours required to complete the course may be submitted to your state licensure or affiliated accreditation organization to obtain CEU credits for this course.

Online training courses

Intrusion | Cellular for Intrusion Systems (Canada)

Content	<ul style="list-style-type: none">– Installer Services Portal– Module options– Installation– Web Services setup– Activation– Invoicing
Target audience	Installers, Programmers, Service Technicians
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none">– Sign up for cellular service– Choose the correct cellular module– Install the cellular module– Set up web services and activate CDMA– Configure primary path for cellular in RPS– Understand the invoice
Prerequisites	None
Duration	20 mins
Location	Online at training.boschsecurity.us
Potential CEU credits*	0.033 CEUs

Intrusion | Introduction to Remote Connect

Content	<ul style="list-style-type: none">– Cloud Panel Setup – Build a Remote Access Profile– Remote Security Control
Target audience	Installers, Programmers, Service Technicians
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none">– Build a Remote Access Profile– Navigate the Remote Security Control App
Prerequisites	None
Duration	6 minutes
Location	Online at training.boschsecurity.us
Potential CEU credits*	0.01 CEUs

*The course outline, certificate and the number of hours required to complete the course may be submitted to your state licensure or affiliated accreditation organization to obtain CEU credits for this course.

Online training courses

Intrusion | Introduction to Z-Wave Home Control

Content	<ul style="list-style-type: none"> – Sign up and Get Started with Bosch Service Portal – RPS and Webpage / LAN Configuration – Dashboard and App Navigation – Add a Device – Add a Scene – Customize Modes
Target audience	Programmers and sales
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none"> – Understand Bosch's Z-Wave Home Control services
Prerequisites	None
Duration	15 minutes
Location	Online at training.boschsecurity.us
Potential CEU credits*	0.025 CEUs

Intrusion | Introduction to B465 Dual Path Communicator

Content	This course teaches programming of the B465 Dual Path Communicator
Target audience	Installers, Programmers, Service Technicians
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none"> – Program and configure the B465
Prerequisites	Introduction to RPS Programming
Duration	1 hr
Location	Online at training.boschsecurity.us
Potential CEU credits*	0.1 CEUs

Intrusion | Conettix Receiver Setup

Content	This course teaches basic setup for a Conettix receiver
Target audience	Installers, Programmers, Service Technicians
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none"> – Download and install software – Configure network – Assign IP address – Set up receiver – Connect to automation – Configure communication – Set up and manage accounts
Prerequisites	Introduction to RPS Programming
Duration	20 mins
Location	Online at training.boschsecurity.us
Potential CEU credits*	0.033 CEUs

*The course outline, certificate and the number of hours required to complete the course may be submitted to your state licensure or affiliated accreditation organization to obtain CEU credits for this course.

Online training courses

Intrusion | Introduction to Video Verification Services

Content	<ul style="list-style-type: none">– How video verification services can save money and protect business– Adding a camera to the cloud– Configure RPS settings for video verification
Target audience	Installers, Programmers, Service Technicians
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none">– Explain how Bosch's Video Verification can save money and protect businesses– Add a camera and get started with Video Verification Services– Configure RPS settings for Video Verification Services
Prerequisites	None
Duration	10 minutes
Location	Online at training.boschsecurity.us
Potential CEU credits*	0.016 CEUs

Intrusion | ISC-SK10 Shock Sensor

Content	This course provides an introduction to the ISC-SK10 Shock Sensor via a recorded webinar
Target audience	Installers, Service Technicians, Sales
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none">– Identify appropriate applications for use of the ISC-SK10 Shock Sensor– Identify the types of attacks the sensor can detect– Recognize installation considerations
Prerequisites	None
Duration	15 minutes
Location	Online at training.boschsecurity.us
Potential CEU credits*	0.025 CEUs

*The course outline, certificate and the number of hours required to complete the course may be submitted to your state licensure or affiliated accreditation organization to obtain CEU credits for this course.

Online training courses

Intrusion | **GV4 Overview**

Content	<ul style="list-style-type: none">– Security System Basics– GV4/B Series Basics– Hardware Overview– RPS Installation– RPS Programming Basics– Troubleshooting– ZONEX– Assessment
Target audience	Installers, Programmers, Service Technicians
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none">– Define basic Bosch security system terms– Explain the basic concepts of the GV4 and B Series Control Panels– Identify the hardware devices that work with the control panels, as well as their functions– Install Bosch's Remote Programming Software (RPS)– Configure the control panel in RPS– Configure a Bosch IP Camera to work with the control panel– Identify ONEX-compatible wired point expanders and use best practices to install them– Troubleshoot issues that may arise with the control panel
Prerequisites	None
Duration	3 hours, 20 minutes
Location	Online at training.boschsecurity.us
Potential CEU credits*	0.33 CEUs

Cloud-based Services | **Introduction to Video Verification Services**

Content	<ul style="list-style-type: none">– Cloud-based Monitoring Services with Video Verification– Adding a Camera to the Cloud– Configuring RPS for Video Verification
Target audience	Dealers, Installers, Service Technicians
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none">– Understand Bosch's Video Verification Services
Prerequisites	None
Duration	10 minutes
Location	Online at training.boschsecurity.us
Potential CEU credits*	0.016 CEUs

*The course outline, certificate and the number of hours required to complete the course may be submitted to your state licensure or affiliated accreditation organization to obtain CEU credits for this course.

Online training courses

Video Solutions | Bosch IP Basics for Video Solutions

Content	– IP video basics – Basic configuration of IP devices
Target audience	Dealers, Installers, and Service Technicians
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none">– Identify main components of IP video surveillance systems– Describe the major differences between SD, HD, and MP cameras– List cameras from the Bosch Common Product Platform portfolio and their features– Describe how to obtain firmware and software updates for Bosch encoders and IP cameras– Identify Configuration Manager and Configuration Wizard and describe differences– Password-protect the Configuration Manager application– Perform network discovery, assign valid IP addresses, verify live video feed, name devices, and set date and time of network encoders– Determine firmware version and update, if necessary
Prerequisites	None
Duration	1.5 hours
Location	Online at training.boschsecurity.us
Potential CEU credits*	0.15 CEUs

Video Solutions | IP Camera Essentials

Content	– IP Camera elements – IP camera fixed portfolio – Video encoding – IP camera moving portfolio – Technologies – Common product platform
Target audience	Dealers, Installers, Service Technicians, Commercial sales members
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none">– Know basic training on IP Camera Essential, see content for more
Prerequisites	None
Duration	3 hours
Location	Online at training.boschsecurity.us
Potential CEU credits*	0.3 CEUs

*The course outline, certificate and the number of hours required to complete the course may be submitted to your state licensure or affiliated accreditation organization to obtain CEU credits for this course.

Online training courses

Video Solutions | Video Analytics

Content	<ul style="list-style-type: none">– Bosch video analytics at the edge– Essentials and intelligent video analytics– Essentials and intelligent video analytics advanced configuration– Flow configuration– Forensic search– Application Design
Target audience	Dealers, Installers, Service Technicians, Commercial sales members
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none">– Complete after taking the IP Camera Essentials
Prerequisites	None
Duration	3 hours
Location	Online at training.boschsecurity.us
Potential CEU credits*	0.3 CEUs

Video Solutions | Bosch License Plate Capture

Content	<ul style="list-style-type: none">– License plate capture and recognition– Product portfolio and technical specifications– Installing license plate capture cameras and recognition systems
Target audience	Dealers, Installers, and Service Technicians
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none">– Describe license plate capture and recognition technologies– Explain difference between standard cameras and license plate capture cameras– Identify features of license plate capture cameras– Identify and describe considerations for installation– Describe proper integration with license plate recognition
Prerequisites	None
Duration	1 hour
Location	Online at training.boschsecurity.us
Potential CEU credits*	0.1 CEUs

*The course outline, certificate and the number of hours required to complete the course may be submitted to your state licensure or affiliated accreditation organization to obtain CEU credits for this course.

Online training courses

Video Solutions | IP Recording Basics

Content	<ul style="list-style-type: none">– IP recording basics– Local and cloud storage recording– DIVAR IP 3000/7000– DIVAR IP 6000– DIVAR IP 5000
Target audience	Dealers, Installers, Service Technicians, Commercial sales members
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none">– Know basic training on IP Recording Essentials, see content for more information
Prerequisites	None
Duration	2 hours
Location	Online at training.boschsecurity.us
Potential CEU credits*	0.2 CEUs

Video Solutions | BVMS Operator Client

Content	<ul style="list-style-type: none">– Operator Client overview and login instructions– Alarm management and keyboard operations– Live and Playback functionality– Video search and export
Target audience	Dealers, Installers, and Service Technicians
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none">– Describe functionality of the Operator Client software (Live View and Playback options)– Search for and export a video clip using Operator Client– Monitor system alarms from within the Operator Client software– Use basic Keyboard operations
Prerequisites	None
Duration	2.5 hours
Location	Online at training.boschsecurity.us
Potential CEU credits*	0.25 CEUs

*The course outline, certificate and the number of hours required to complete the course may be submitted to your state licensure or affiliated accreditation organization to obtain CEU credits for this course.

Online training courses

Video Solutions | **DIVAR IP 2000 and 6000 Appliances**

Content	<ul style="list-style-type: none"> – Product overview – Installation and basic setup – Maintenance and repair – Hardware and software – Basic VRM configuration
Target audience	Dealers, Installers, and Service Technicians
Purpose	<p>After completing this course, you will be able to:</p> <ul style="list-style-type: none"> – Describe the DIVAR IP 2000 and 6000 storage appliances – Identify hardware and software specifications for the DIVAR IP 2000 and 6000 – Describe the installation process – Identify the basic configuration process – Add and configure system components using Configuration Manager – Configure recording preferences, modes, profiles and schedules – Use BVMS to check live playback – Use VRM Monitor for maintenance and troubleshooting – Identify the field-replaceable parts for the DIVAR IP 2000 and 6000 – Describe how to perform maintenance or replacement for those parts
Prerequisites	None
Duration	3 hours
Location	Online at training.boschsecurity.us
Potential CEU credits*	0.3 CEUs

Video Solutions | **DIVAR IP 3000 and 7000 Appliances**

Content	<ul style="list-style-type: none"> – Product overview – Basic configuration – Technical specifications and installation – Maintenance and repair
Target audience	Dealers, Installers, and Service Technicians
Purpose	<p>After completing this course, you will be able to:</p> <ul style="list-style-type: none"> – Describe the DIVAR IP 3000 and 7000 storage appliances – Identify hardware and software specifications for the DIVAR IP 3000 and 7000 – Describe the mounting and installation options – Identify basic configuration for the DIVAR IP 3000 and 7000 – Identify the field-replaceable parts for the DIVAR IP 3000 and 7000 – Describe how to perform maintenance or replacement for those parts – Describe the process for reimaging the system
Prerequisites	None
Duration	3 hours
Location	Online at training.boschsecurity.us
Potential CEU credits*	0.3 CEUs

*The course outline, certificate and the number of hours required to complete the course may be submitted to your state licensure or affiliated accreditation organization to obtain CEU credits for this course.

Online training courses

Video Solutions | MIC Series 612 Thermal Camera

Content	<ul style="list-style-type: none">– MIC Series camera overview– Product overview– On-Screen Display menus– Installation overview– Keyboard operation and user commands
Target audience	Dealers, Installers, and Service Technicians
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none">– Describe MIC series cameras– Describe key features of MIC Series 612 Thermal camera– Identify the MIC Series 612 camera ordering information– Describe the On-Screen Display (OSD setup menus)– Describe the basic keyboard operation of the MIC series 612 camera– Review basic user commands for the MIC series 612 Thermal camera
Prerequisites	None
Duration	3 hours
Location	Online at training.boschsecurity.us
Potential CEU credits*	0.3 CEUs

Video Solutions | Network Basics

Content	<ul style="list-style-type: none">– IP Addressing and Subnetting– Open System Interconnection (OSI) model– Topologies and cabling– Network troubleshooting commands– Ports and selection of network switches
Target audience	Dealers, Installers, and Service Technicians
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none">– Describe IP addressing fundamentals– Describe various network topologies and transmission mediums– Discuss the OSI model– Troubleshoot ports and interface problems– Describe how to select network switches
Prerequisites	None
Duration	1.5 hours
Location	Online at training.boschsecurity.us
Potential CEU credits*	0.15 CEUs

*The course outline, certificate and the number of hours required to complete the course may be submitted to your state licensure or affiliated accreditation organization to obtain CEU credits for this course.

Classroom training courses

Communications | Conferencing DCN – Next Generation

Content	<ul style="list-style-type: none"> – System Technology – System Design – Installing and Operating – Product Technology – Exercise 	
Target audience	Participants new in DCN Next Generation Multi-CCU system	
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none"> – Identify the capabilities and differences of Bosch Conference systems – Identify and setup the different types of Conference Control Units – Identify proper device installation and wiring practices – Install and configure DCNM software 	
Prerequisites	None	
No. of participants	Minimum of 3	Facility Dependent
Duration	2 days	
Location	Burnsville, MN	
CEU credits **	10.0 RUs	
Course fee	\$595	

Communications | Telex Radio Dispatch Certification Training

Content	<ul style="list-style-type: none"> – Why RoIP? – Multicast solutions – Introduction to IP-224 – FleetSynch or SIP – Network Recorder – Hard consoles – Telex Dispatch products – Sample configurations and case studies – Networking terms – C-Soft basic – C-Soft continued – C-Soft global parameters – Telex System Manager – IPP-224 configuration 	
Target audience	Technicians, Project Managers and IT Professionals	
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none"> – Describe Telex Dispatch Voice over IP (VoIP) equipment – Describe basic network configurations and requirements – Define basic VoIP network topology requirements – Describe how to design, implement and install C-Soft and Telex System Manager 	
Prerequisites	None	
No. of participants	Minimum of 3	Maximum of 6
Duration	3 days	
Location	Bosch Training Facilities	
CEU credits **	9.0 RUs	
Course fee	\$595 at Bosch Facility, \$895 at other location, \$150 for recertification	

**Bosch Security Systems has submitted the course outline to InfoComm for credit evaluation. Credits earned will be printed on the certificate of completion for the course.

Classroom training courses

Communications Praesideo		
Content	<ul style="list-style-type: none"> – Introduction to Praesideo – System components – Software: Installation and updates – Configuration – System bus powering – MCI/BAM – Network basics – Network architecture – PC connections – Recording and setting messages – Power consumption – PC Call Station – CobraNet basics – CobraNet configuration 	
Target audience	AV Dealers, AV Integrators, Engineers, Consultants	
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none"> – Design a Praesideo system – Program a Praesideo system 	
Prerequisites	Public Address: 70V Audio and Business Music Pro Audio: Networking Basics Pro Audio: OMNEO IP Basics Pro Audio: OMNEO Selling Pro Audio: Praesideo Basics #1: System Components Overview (Online Courses)	
No. of participants	Minimum of 3	Maximum of 6
Duration	3 days	
Location	Burnsville, MN and Ontario, CA Training Facilities	
CEU credits**	12.5 InfoComm RUs	
Course fee	\$595	

**Bosch Security Systems has submitted the course outline to InfoComm for credit evaluation. Credits earned will be printed on the certificate of completion for the course.

Classroom training courses

Intrusion | **B Series Expert Certification (US)**

Content	– Introduction to IP Networking for Intrusion (online) – B Series Installation (online) – Introduction to RPS Programming (online) – Cellular for Intrusion Systems (US) (online)	– Intrusion and IP Camera Integration (online) – Introduction to Z-Wave Home Control (online) – B Series Expert Certification (classroom) – Certification Exam (online)
Target audience	Installers, System Programmers, Service Technicians	
Purpose	After completing this course, you will be able to: – Configure devices and program the control panel according to the needs of a customer – User Bosch’s Remote Programming Software (RPS) to program control panel parameters – Troubleshoot potential configuration issues	
Prerequisites	B Series Professional Training (US)	
No. of participants	Minimum of 3	Maximum of 8
Duration	Online pre-work – 2.5 Hours / Classroom – 2 Days	
Location	Bosch Training Facilities	
Potential CEU credits*	1.75 CEUs	
Course fee	Free in Bosch Training Center, private training fee may apply	

Intrusion | G Series/B Series Expert Certification (US)

Content	<ul style="list-style-type: none"> - Introduction to IP Networking for Intrusion (online) - G Series Installation (online) - Introduction to RPS Programming (online) - Cellular for Intrusion Systems (online) - Intrusion and IP Camera Integration (online) - Introduction to Z-Wave Home Control (online) - G Series/B Series Expert Certification (classroom) - Certification Exam (online)
Target audience	Installers, System Programmers, Service Technicians
Purpose	<p>After completing this course, you will be able to:</p> <ul style="list-style-type: none"> - Configure devices and program the control panel according to the needs of a customer - User Bosch's Remote Programming Software (RPS) to program control panel parameters -Troubleshoot potential configuration issues
Prerequisites	G Series/B Series Professional Training (US/Canada)
No. of participants	Minimum of 3 Maximum of 8
Duration	Online pre-work – 2.5 Hours / Classroom – 2 Days
Location	Bosch Training Facilities–By private request only
Potential CEU credits*	1.75 CEUs
Course fee	Free in Bosch Training Center, private training fee may apply

*The course outline, certificate and the number of hours required to complete the course may be submitted to your state licensure or affiliated accreditation organization to obtain CEU credits for this course.

Classroom training courses

Intrusion | **G Series/B Series Expert Certification (Canada)**

Content	<ul style="list-style-type: none"> – Intrusion IP Networking Basics (online) – G Series/B Series Installation (online) – RPS Programming (online) – Cellular for Intrusion Systems (Canada) (online) – Intrusion and IP Camera Integration (online) – G Series/B Series Expert Certification (classroom) – Certification Exam (online)
Target audience	Installers, System Programmers, Service Technicians
Purpose	<p>After completing this course, you will be able to:</p> <ul style="list-style-type: none"> – Configure devices and program the control panel according to the needs of a customer – User Bosch’s Remote Programming Software (RPS) to program control panel parameters – Troubleshoot potential configuration issues
Prerequisites	G Series/B Series Professional Training (US/Canada)
Duration	Online pre-work – 2.5 Hours, Classroom training – 2 Days
Potential CEU credits*	1.75 CEUs

Intrusion | **G Series Master Certification (US)**

Content	– Advanced Programming (online) – Conettix Receiver Setup (online)	– G Series Master Certification (classroom) – Practical Exam (classroom)
Target audience	System Programmers, Service Technicians	
Purpose	After completing this course, you will be able to: – Program control panels for multiple applications, including banking, retail and warehouse facilities – Use Bosch’s Remote Programming Software (RPS) to program advanced functions – Integrate Bosch IP Cameras as inputs and outputs in the system	
Prerequisites	G Series/B Series Expert Certification (US)	
No. of participants	Minimum of 3	Maximum of 8
Duration	Online pre-work – 3.5 Hours / Classroom – 3 Days	
Location	Bosch Training Facilities	
Potential CEU credits*	2.6 CEUs	
Course fee	Free in Bosch Training Center, private training fee may apply	

*The course outline, certificate and the number of hours required to complete the course may be submitted to your state licensure or affiliated accreditation organization to obtain CEU credits for this course.

Classroom training courses

Video Solutions Bosch Video Management System Expert with NetApp Certification		
Content	<ul style="list-style-type: none"> – Encoder and camera technical overview – VRM fundamentals – Device configurations and logical tree – MVS and Operator Client – Adding VRM and storage – NetApp installation, maintenance and support – BVMS technical overview – BVMS licensing – Schedules and camera configurations, alarms and events, users and groups – VRM technical overview – E-Series overview – NetApp Santricity Simulator and Log Collection 	
Target audience	Support, Installation, and Design Staff utilizing Enterprise Video Storage (NetApp): School Districts, College or Corporate Campus, Government Complex, Technicians, Project Managers and IT Professionals	
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none"> – Describe Bosch Video over IP (BVIP) equipment – Define basic encoder configurations and capabilities – Describe how to design, implement and install – Describe BVMS System Architecture and equipment – Define basic system configurations – Install and configure BVMS from an administrative standpoint – Perform basic alarm configurations – Install and configure VRM within BVMS – Install and configure NetApp storage in a BVMS environment 	
Prerequisites	Network Basics Online Course Bosch IP Basics Online Course Bosch VMS Operator Client Training Online Course	
No. of participants	Minimum of 3	Maximum of 8
Duration	3.5 days	
Location	Lancaster, PA; Ontario, CA; or Private only	
Potential CEU credits*	2.625 CEUs	
Course fee	\$595	

*The course outline, certificate and the number of hours required to complete the course may be submitted to your state licensure or affiliated accreditation organization to obtain CEU credits for this course.

Classroom training courses

Video Solutions Bosch Video Management System Expert with Appliance Storage Certification		
Content	<ul style="list-style-type: none"> – Encoder and camera technical overview – VRM fundamentals – BVMS licensing – Schedules and camera configurations, alarms and events, users and groups – VRM technical overview – BVMS technical overview – DIVAR IP appliance overview – Device configurations and logical tree – MVS and Operator Client – Adding VRM and storage – RAID basics 	
Target audience	Technicians, Project Managers and IT Professionals utilizing DIVAR IP Storage	
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none"> – Describe Bosch Video over IP (BVIP) Equipment – Define basic encoder configurations and capabilities – Describe how to design, implement and install – Describe BVMS system architecture and equipment – Define basic system configurations – Install and configure BVMS from an administrative standpoint – Perform basic alarm configurations – Install and configure VRM within BVMS – Install and configure DIVAR IP storage in a BVMS environment 	
Prerequisites	Network Basics Online Course	
No. of participants	Minimum of 3	Maximum of 8
Duration	3.5 days	
Location	Bosch Training Facilities	
Potential CEU credits*	2.625 CEUs	
Course fee	\$595	

*The course outline, certificate and the number of hours required to complete the course may be submitted to your state licensure or affiliated accreditation organization to obtain CEU credits for this course.

Classroom training courses

Video Solutions | **Bosch Video Management System Master Certification**

Content	<ul style="list-style-type: none"> – Advanced VRM and system design – Panel and ONVIF device integration and configuration – Remote network connectivity and configuration – Wireless fundamentals – Advanced troubleshooting
Target audience	Previous BVMS students seeking further experience and updates
Purpose	After completing this course, you will be able to: <ul style="list-style-type: none"> – Build upon the core competencies of the base of BVMS Certification Course
Prerequisites	Complete and attend a BVMS classroom course and the Network Basics online course
Duration	3 days
Location	At one of our Bosch Facilities
Potential CEU credits*	2.25 CEUs
Course fee	\$595/person

Video Solutions | **DIVAR 1 Day Overview**

Content	The DIVAR 1 Day Overview class is a guided instructional course focused on the setup and deployment of the DIVAR IP System.
Target audience	Participants new with the Bosch Video Management System
Purpose	After attending the overview session, students will understand the: <ul style="list-style-type: none"> – Setup procedure – Basic installation tips for deployment – Remote Connectivity setup
Prerequisites	None
No. of participants	Minimum of 3
Duration	1 day
Location	Private requests only – Can be hosted at any public facility or company facility
Potential CEU credits*	0.75 CEUs
Course fee	Free

*The course outline, certificate and the number of hours required to complete the course may be submitted to your state licensure or affiliated accreditation organization to obtain CEU credits for this course.

A Tradition of Quality and Innovation

For over 125 years, the Bosch name stands for quality and reliability. Bosch is the global supplier of choice for innovative technology, backed by the highest standards for service and support.

Bosch Security Systems proudly offers a wide range of security, safety, communications and sound solutions that are relied upon every day in applications around the world, from government facilities and public venues to businesses, schools and homes.

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