Bosch Building Technologies Training Academy

North America Course Catalog 2022

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(Online Courses Continued)

Introduction

Bosch Security and Safety 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, option 7.

Training Guidelines

Bosch now offers a state-of-the-art Learning Management System (LMS). This site improves a customer's ability to register for a course, track in-progress and completed courses, 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 *https://academy.boschsecurity.com/sui/* and click on *Register now* under *Not Registered yet*. Fill out the form and click *Save*. (**Please note:** You choose your own User ID. Be sure it is something you will remember).

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 emailed receipt will be sent once payment has been provided by the customer, then processed by Bosch. Processing can take up to 72 business hours.

4. Bosch Security and Safety Systems 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 for private classes or a $45 cancellation/ no-show fee for virtual classes.

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 Bentonville, Arkansas; 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

Bentonville, AR
1703 SW Commerce Drive Suite 1
Bentonville, AR 72712

Pricing Structure for Technical Training

Bosch offers three certification levels - Professional, Expert, and Master - that ensure consistency for training across our security product portfolio. Pricing for training is also now standardized across the portfolio.

Training Level

1. **Professional**
   Web-based training

2. **Expert**
   Instructor-led training in a classroom or virtual

3. **Master**
   Instructor-led training in a classroom or virtual

4. **Private**
   Instructor-led training at a customer site or virtual

Fee for Training

Free
No charge for web-based training

$150 per person / per day (plus registration fee for classrooms)
Instructor-led training (ILT)

$200 per person / per day (plus registration fee for classrooms)
Instructor-led training (ILT)

$1800 per day (registration fee waived)
Expert or Master in person, Instructor-led training (ILT)

Registration fee: $45 per person for classroom registration (not applicable for virtual classes)
Cancellation fee: $500 for private classes, $45 per person for virtual classes

Cancellation Policy

Registration cancellations with more than 10 business days advanced notice will receive a full refund. Cancellations from 1 to 10 business days prior to the start of the course will receive a refund with the exception of the $45 registration fee for classroom courses and a $500 cancellation fee for private courses.

Registrants who do not attend and do not cancel will not receive a refund.

Virtual Training

To better accommodate for your needs, some classroom courses may also be offered virtually. Visit the course description to see if this is available for your course.

Some virtual classes may require a training kit to participate. The purchase of the kit waives the cost of 1 seat.

Please reach out to your regional sales rep or training@us.bosch.com for any questions.

Continuing Education Credits (CEC)

You may be eligible for continuing education credits for completing the following certifications:

- Access Control Systems Professional

- Access Control Systems Expert

- BVMS Professional

- BVMS Expert

- Cyber Security Master (virtual)

- G/B Series Expert

- FPD-7024 Professional

- Video Systems Professional

Certified Technology Specialist (CTS)

You may be eligible for AVIXA certified technology specialist renewal units for completing the following certifications:

- OMNEO/ Dante Networking Professional

- OMNEO/ Dante Networking Expert

- Paviro Professional

- Paviro Expert

- Dicentis Professional

- Dicentis Expert

- Dicentis Master

- Praesensa Professional

- Praesensa Expert

- EV & Dynacord Install Partner Professional

- EV & Dynacord Install Partner Expert

- EV & Dynacord Retail Partner Professional

- EV & Dynacord Retail Partner Expert

- EV & Dynacord Live Sound Partner Expert

- Praesensa Master

- Praesideo Master

For additional information on BICSI and AVIXA accreditation, please reach out to training@us.bosch.com

Course Registration

Bosch Building Technologies Training Academy: https://academy.boschsecurity.com/sui/
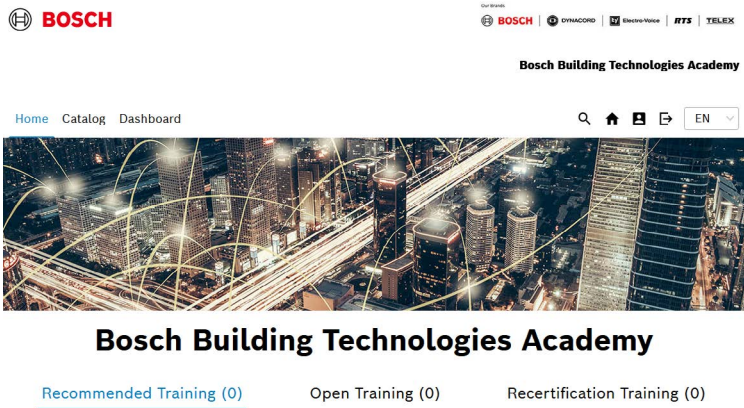
1. Courses are located in the "Catalog" tab.
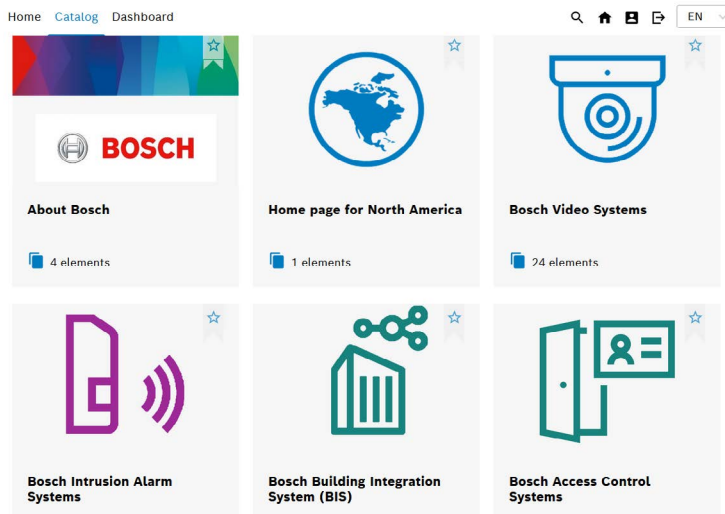
2. Choose the appropriate folder for the product training you would like.
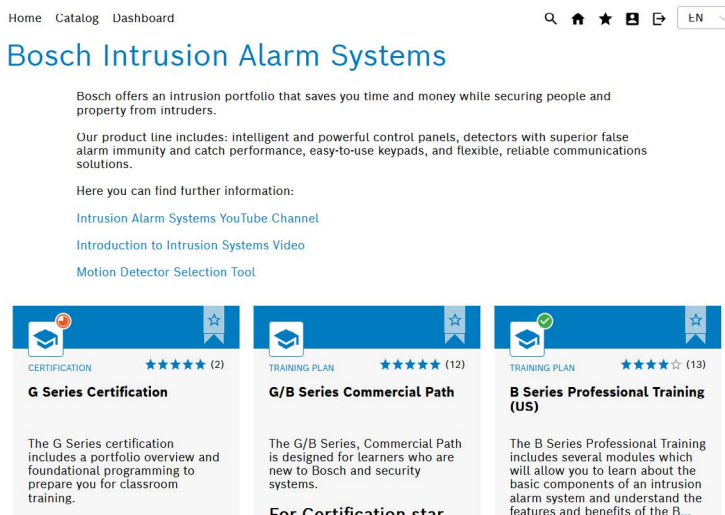
3. Locate, then click on the desired course or certification.

Dual Authentication

Using Dual Authentication means that users need to present two kinds of credentials to gain access to an area. Learn how to program Dual Authentication in this module.

🌐 🐦 0 min

Installer Services Portal: Welcome to Bosch ISP

🌐 🐦 0 min

Bosch Security Manager App

The Bosch Security Manager (BSM) mobile app gives you control over your Bosch B and G Series intrusion panels remotely from your mobile device

🌐 — 0 min

Troubleshooting

In this module you will learn some common troubleshooting tips to get your G Series security system functioning properly.

🌐 🐦 0 min

Knowledge Check

🌐 🐦 0 min

G Series/B Series Expert Certification (Classroom or Virtual)

🗗 — 0 min

G Series Expert Certification Exam

Now that you have completed the online prerequisite courses and attended the classroom training you can complete the final exam to receive your Certification.

4. Towards the bottom of the page, you will find the online prerequisite modules, the final exam, and the Classroom course. Choose the item that says (Classroom then scroll down to view the different class sessions.

Registration for virtual courses will be closed at 5pm EST up to two-weeks before the training.

| 06/01/2022 - 06/02/2022 | Virtual - EST | 3 registrations available | 300 USD | ○ Not registered | Details |
06/01/2022 - 06/02/2022	Virtual - PST	4 registrations available	300 USD	○ Not registered	Details
06/07/2022 - 06/08/2022	Burnsville, MN	4 registrations available	300 USD	○ Not registered	Details
06/07/2022 - 06/08/2022	Virtual - PST	4 registrations available	300 USD	○ Not registered	Details
06/14/2022 - 06/15/2022	Virtual - PST	4 registrations available	300 USD	○ Not registered	Details
06/16/2022 - 06/17/2022	Virtual - PST	4 registrations available	300 USD	○ Not registered	Details
06/21/2022 - 06/22/2022	Virtual - PST	2 registrations available	300 USD	○ Not registered	Details
06/28/2022 - 06/29/2022	Bentonville, AR	4 registrations available	300 USD	○ Not registered	Details
06/28/2022 - 06/29/2022	Virtual - PST	4 registrations available	300 USD	○ Not registered	Details

5. Choose your desired course date, then click Details/Register.

6. If the course is free, then you will be automatically registered. If the course requires payment you will be in the class as "pending" and will receive payment instructions to your email.

Online Training Courses

Access	Access Control Systems – Professional Level Online Trainings and Exams
Content	– IP Networking – Access Modular Controller – AMC – Readers and Credentials - RaC
Target audience	System Engineers, Administrators and Installers
Purpose	The Professional Level Training Plan targets to provide you some general access control knowledge and a detailed knowledge of the Bosch Access Modular Controller (AMC) Product Family. This knowledge is essential to participate and understand the content of the AMS and BIS Expert and Master Level Trainings.
Prerequisites	None
Duration	5 hours
Location	Online at the Bosch Training Academy, click here to open
CEC credits*	This course may be accredited for CEC credits

Communications	Certification PRAESIDEO Professional Level
Content	– PRAESIDEO Introduction – PRAESIDEO Key characteristics – PRAESIDEO Architecture – PRAESIDEO Call macro's – PRAESIDEO Priorities – PRAESIDEO PC connection – PRAESIDEO Call Station Keypad Functions – PRAESIDEO Security – PRAESIDEO Control input functions – PRAESIDEO Software 4.nn – PRAESIDEO Control output functions
Target audience	Engineers, Installers, System Specifiers and Sales and Marketing Staff
Purpose	By successfully completing this training, you will be able to: – Understand the basics of the PRAESIDEO system and should be ready to participate in the PRAESIDEO Classroom Training
Prerequisites	– Basic knowledge of electronics, acoustics and public address systems. – Optional: PA Basics Online Training
Duration	2 hours
Location	Online at the Bosch Training Academy, click here to open

*The course outline, certificate and the number of hours required to complete the course may be submitted to BICSI to obtain CEC credits for this course.

Online Training Courses

Communications	**OMNEO/ Dante Networking Professional Level**	
Content	– Addressing – Topologies – Cabling & Media	– OSI Model – Unicast, Multicast and Broadcast
Target audience	Customers, End Users, Sales Engineers and Consultants	
Purpose	By successfully completing this training, you will be able to: – Explain requirements and challenges for media networking – Describe program transport – Explain system control – Discuss OMNEO architecture	
Prerequisites	None	
Duration	1 hour 30 minutes	
Location	Online at the Bosch Training Academy, click here to open	
CTS credits**	This course may be accredited for CTS credits	

Communications	**OMNEO/ Dante Networking Expert Level**	
Content	– Addressing – Topologies – Cabling & Media	– OSI Model – Unicast, Multicast and Broadcast
Target audience	Customers, End Users, Sales Engineers and Consultants	
Purpose	By successfully completing this training, you will be able to: - Understand the functions of the OSI layers - Explain which IP addresses classes, ranges, and types exist - Describe what Subnetting is and how to apply it - Discuss how to use the OMNEO Control Software	
Prerequisites	OMNEO/ Dante Networking - Professional Level	
Duration	1 hour 30 minutes	
Location	Online at the Bosch Training Academy, click here to open	
CTS credits**	This course may be accredited for CTS credits	

Communications	**Certification PLENA Matrix Professional Level**
Content	– PLENA Matrix System Introduction – Hardware Installation Introduction – Matrix Mixer PC Graphic User Interface (GUI) – Amplifier, Graphic User Interface (GUI) System Knowledge Assessment Installers
Target audience	Dealers and End Users
Purpose	By successfully completing this training, you will be able to: – 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 hours
Location	Online at the Bosch Training Academy, click here to open

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

Online Training Courses

Communications	Certification PAVIRO Professional Level	

Content	– PAVIRO System Introduction (V2)
	– PAVIRO Controller, Amplifier, Router
	  & Call Station
		– PAVIRO Loudspeaker Topologies
		  Introduction & Line Supervision
		– PAVIRO Networked Introduction

Target audience	EVAC Partners, Consultants, Specifiers and Sales and Marketing Staff	
Purpose	By successfully completing this training, you will be able to: – Give an overview of the PAVIRO system – Describe the hardware setup and the application of the PAVIRO devices – Understand terms like CAN bus and CST bus – Choose between the different types of loudspeaker line supervision according to application requirements – Draft a simple PAVIRO system setup – Understand different topologies and relation to router clusters – Select the right number of routers and amplifiers – Understand speaker line power allocation – Understand the signal flow between the system components – Understand the PAVIRO networking functions and features	
Prerequisites	None	
Duration	5 hours	
Location	Online at the Bosch Training Academy, click here to open	
CTS credits**	This course may be accredited for CTS credits	

Communications	Certification PAVIRO Expert Level	
Content	Includes 5 project design examples from Spec to BOM – Shopping Center – School – Hotel – Sports Center – Networked Systems – Network Basics WBT	
Target audience	EVAC Partners, Consultants and System Designers	
Purpose	By successfully completing this training, you will be able to: – Transfer technical and functional project requirement specifications into a correct system design and turn it into a Bill of Materials	
Prerequisites	PAVIRO Training - Professional Level	
Duration	3 hours 30 minutes	
Location	Online at the Bosch Training Academy, click here to open	
CTS credits **	This course may be accredited for CTS credits	

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Online Training Courses

Communications	Certification PRAESENSA Professional Level
Content	– OMNEO Networking -Professional Level (IP-Basics & OMNEO overview) – The PRAESENSA System - What's New? – System Controller, Amplifiers, Multifunction power supply, Call stations, software, accessories
Target audience	System Integrators, Distributors, Installers, Specifiers, Consultants and Sales and Marketing
Purpose	By successfully completing this training, you will be able to: – Identify system hardware and software components – Understand system connectivity and features – Perceive the unique particularities which makes PRAESENSA a state of the art and future proof Public Address & Voice Alarm System – Explain Network & Power design consideration – Show knowledge on IP Networks and Audio Networks
Prerequisites	Bosch Public Address PA basics - Professional Training (online training)
Duration	2 hours 30 minutes
Location	Online at the Bosch Training Academy, click here to open

Communications	Certification PRAESENSA Expert Level	
Content	– OMNEO Networking - Expert Level (IP-Advanced & OMNEO tools) – System design approach – Amplifier selection	– Power design – Network design – 3rd party network devices – System design examples
Target audience	System Integrators, Distributors, Installers, Specifiers, Consultants, Sales and Marketing	
Purpose	By successfully completing this training, you will be able to: – Recognize and be able to use broader and more in-depth knowledge on IP Networks and Audio Networks – Show how to use and setup OMNEO tools – Understand the particularities of designing a Public Address System and Voice Evacuation System – Specify a PRAESENSA system according to the project requirements and turn this specification into a Bill of Material	
Prerequisites	Bosch PRAESENSA Public Address & Voice alarm System Professional Level (online training)	
Duration	2 hours and 30 minutes	
Location	Online at the Bosch Training Academy, click here to open	

Online Training Courses

Communications	Certification DICENTIS Professional Level	
Content	– OMNEO Networking – Professional Level (IP-Basics & OMNEO overview) – The DICENTIS System – applications – Central equipment – Discussion devices	– Microphones – Interpreter desks – Software – Accessories and Installation Equipment – Basic system overview
Target audience	Systems Integrators, Distributors, Installers, Specifiers, Consultants, Sales and Marketing & End Users	
Purpose	By successfully completing this training, you will be able to: – Recognize system hardware and software components – Understand system & components features – Identify system connectivity – Describe a basic system overview – Show knowledge on IP Networks and Audio Networks	
Prerequisites	None	
Duration	3 hours	
Location	Online at the Bosch Training Academy, click here to open	

Communications	Certification DICENTIS Expert Level	
Content	– OMNEO Networking – Expert Level (IP-Advanced & OMNEO tools) – System design approach – system calculation tool	– Device selection – Network design – System design examples
Target audience	Systems Integrators, Distributors, Installers, Specifiers, Consultants, Sales and Marketing	
Purpose	By successfully completing this training, you will be able to: – Recognize and be able to use broader and more in-depth knowledge on IP Networks and Audio Networks – Show how to use and setup OMNEO tools – Understand the particularities of designing a DICENTIS Conference System – Specify a DICENTIS system according to the project requirements and turn this specification into a Bill of Material	
Prerequisites	Bosch DICENTIS Conference System - Professional Level (online training)	
Duration	3 hours	
Location	Online at the Bosch Training Academy, click here to open	
CTS credits**	This course may be accredited for CTS credits	

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Online Training Courses

Communications	RTS Intercom Professional Level	
Content	– Intercom basics – RTS Intercom Product Portfolio – OMNEO Networking - Professional Level (IP Basics & OMNEO Overview)	– RTS Configuration Software Overview – Online Exam – Professional Level
Target audience	Broadcast and Theatre Audio Engineers and Intercom Users	
Purpose	By successfully completing this training, you will be able to: – Understand the basic concepts about Intercom system – Recognize RTS Intercom product family and its applications – Explain OMNEO features and advantages in the audio IP world – Recognize basic knowledge on IP Networks and Audio Networks – Understand RTS Configuration Software suite key features to setup RTS Intercom Digital Matrixes Systems	
Prerequisites	None	
Duration	2 hours 30 min	
Location	Online at the Bosch Training Academy, click here to open	

Communications	Electro-Voice & Dynacord Install Partner Professional Level	
Content	– Dynacord & Electro-Voice Professional Systems Room Acoustics, Acoustic Basics & Signal Chain – OMNEO / DANTE Networking – Professional Level (IP-Basics & OMNEO overview) – Install Sound System introduction – Dynacord C Series Amplifiers Product Training – Dynacord IPX Series Amplifiers Product Training – Dynacord MXE Matrix Mix Engines Product Training	
Target audience	Install Partners, Sales engineers and System Technicians	
Purpose	By successfully completing this training, you will be able to: – Understand introductory concepts about room acoustics and weight its importance in audio projects – Perceive the particularities of signal chain in audio systems – Describe the Dynacord and Electro-Voice electronics and software components designed for Install partners – Recognize basic knowledge on IP Networks and Audio Networks – Explain OMNEO / DANTE features and advantages in the audio IP world	
Prerequisites	None	
Duration	2 hours	
Location	Online at the Bosch Training Academy, click here to open	
CTS credits**	This course may be accredited for CTS credits	

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Online Training Courses

Communications	**Electro-Voice & Dynacord Install Partner Expert Level**
Content	– OMNEO / DANTE Networking – Expert Level (IP-Advanced & OMNEO tools) – Dynacord C Series Amplifiers System Training – Dynacord IPX Series Amplifiers System Training – Dynacord SONICUE Introduction – Dynacord MXE Matrix Mix Engines System Training
Target audience	Install Partners, Sales engineers and System Technicians
Purpose	By successfully completing this training, you will be able to: – Describe how to choose the correct amplifier models based on system design examples – Design a highly economic, efficient and reliable sound system with C series & IPX series amplifiers and MXE Matrix Mix Engine System – Understand principles of IP addressing, subnet masks and the role of network and hots IDs – Use and setup OMNEO / DANTE tools – Recognize the principles of SONICUE, configuration and control software
Prerequisites	Electro-Voice & Dynacord Install Partner Professional Level
Duration	3 hours
Location	Online at the Bosch Training Academy, click here to open
CTS credits**	This course may be accredited for CTS credits

Communications	**Electro-Voice & Dynacord Retail Partner Professional Level**
Content	– Dynacord & Electro-Voice Professional Systems Acoustic Basics – Dynacord & Electro-Voice Professional Systems Acoustic Basics Signal Chain – Dynacord L Series Amplifiers Product Training – EVOLVE 50 and EVOLVE 30M Introductions – Portable Speakers Portfolio Overview
Target audience	Retail Partners and Sales Managers
Purpose	By successfully completing this training, you will be able to: – Understand introductory concepts about acoustics and weight its importance in audio projects – Perceive the particularities of signal chain in audio systems – Have a comprehensive view about Electro-Voice and Dynacord solutions for retail market
Prerequisites	None
Duration	3 hours
Location	Online at the Bosch Training Academy, click here to open
CTS credits**	This course may be accredited for CTS credits

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Online Training Courses

Communications	**Electro-Voice & Dynacord Retail Partner Expert Level**
Content	– Dynacord L Series Amplifiers System Training – Electro-Voice ZLX + ELX200 Demo Guides and Set-Up Examples – Electro-Voice EKX + ETX Demo Guides and Set-Up Examples – Electro-Voice EVOLVE 50 Demo Guide and Set-Up Examples – LOUD & CLEAR Academy
Target audience	Retail Partners and Sales Managers
Purpose	By successfully completing this training, you will be able to: – Contrast different applications for Electro-Voice portable speakers and Dynacord L-Series amplifiers – Describe how to choose the correct L amplifiers models for a project, based on system design examples – Understand how to demonstrate Electro-Voice speakers and Dynacord L series amplifiers to various audiences – Create different strategies to approach the customer with the solution which best suits their needs – Design retail solutions for different target groups
Prerequisites	Electro-Voice & Dynacord Retail Partner Professional Level
Duration	3 hours
Location	Online at the Bosch Training Academy, click here to open
CTS credits**	This course may be accredited for CTS credits

Communications	**Electro-Voice & Dynacord Live Sound Partner Expert Level**
Content	– EASE Focus 3 Quick Start Guide – Configuration and Control software introduction – Acoustic prediction software introduction – OMNEO / DANTE Networking – Expert Level (IP-Advanced & OMNEO tools) – System Design Examples with Dynacord L & TGX Series Amplifiers and MXE5 Matrix Mix Engine
Target audience	Live Sound Partners, Sound Engineers and System Technicians
Purpose	By successfully completing this training, you will be able to: – Explain how to choose the correct amplifier models based on system design examples – Design a highly economic, efficient and reliable sound system with L series & TGX series amplifiers and MXE5 Matrix Mix Engine – Understand principles of IP addressing, subnet masks and the role of network and host IDs in IP based networks – Describe how to use and setup OMNEO / DANTE tools – Recognize the principles of SONICUE (configuration and control software) – Create a basic EASE Focus 3 project
Prerequisites	Electro-Voice & Dynacord Live Sound Partner Professional Level
Duration	3 hours
Location	Online at the Bosch Training Academy, click here to open
CTS credits**	This course may be accredited for CTS credits

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

Online Training Courses

Fire	Basics of Video Fire Detection	
Content	– Concept of AVIOTEC – Algorithms – Limitations	– How to find an application for AVIOTEC – How to configure AVIOTEC – How to set up the camera
Target audience	System Integrators	
Purpose	By successfully completing this training, you will be able to: – Explain what video-based fire detection is – Understand how the fire and smoke algorithms work – Explain under which conditions AVIOTEC does not detect fire or smoke – Install and configure AVIOTEC – Differentiate between the advantages of AVIOTEC and standard fire detection – Decide for which applications AVIOTEC is suitable	
Prerequisites	None	
Duration	45 minutes	
Location	Online at the Bosch Training Academy, click here to open	

Fire	FPA-1000 Technical Professional Certification	
Content	– 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	By successfully completing this training, you will be able to: – 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 the Bosch Training Academy, click here to open	

Online Training Courses

Fire	FPD-7024 Technical Professional Certification	
Content	– 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	By successfully completing this training, you will be able to: – 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 30 minutes	
Location	Online at the Bosch Training Academy, click here to open	
CEC credits*	This course may be accredited for CEC credits	

Intrusion	G Series - Hardware Platform and Portfolio Overview
Content	– G Series Integrated System Overview – Intrusion System Fundamentals
Target audience	Installers, System Programmers, Service Technicians, Project Managers and Sales
Purpose	By successfully completing this training, you will be able to: – Identify the components of an intrusion alarm system – Determine which G Series and B Series panel is right for each application, based on the features and benefits
Prerequisites	None
Duration	1 hour
Location	Online at the Bosch Training Academy, click here to open

Intrusion	G Series/B Series Professional Training (Canada)
Content	– G Series/B Series Integrated System Overview – Intrusion System Fundamentals
Target audience	Installers, System Programmers, Service Technicians, Project Managers and Sales
Purpose	By successfully completing this training, you will be able to: – Identify the components of an intrusion alarm system – Determine which G Series and B Series panel is right for each application, based on the features and benefits
Prerequisites	None
Duration	1 hour
Location	Online at the Bosch Training Academy, click here to open

*The course outline, certificate and the number of hours required to complete the course may be submitted to BICSI to obtain CEC credits for this course.

Online Training Courses

Intrusion	Intrusion Detector Fundamentals	
Content	– Detector Basics – Bosch Motion Detector Overview	– Motion Detector Selection – Bosch Detector Total Cost of Ownership
Target audience	Installers, Service Technicians and Sales	
Purpose	By successfully completing this training, you will be able to: – 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 hours 30 minutes	
Location	Online at the Bosch Training Academy, click here to open	

Intrusion	G Series/B Series Installation	
Content	– Connecting system components	– Wiring system components
Target audience	Installers, Service Technicians and Sales	
Purpose	By successfully completing this training, you will be able to: – 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 the Bosch Training Academy, click here to open	

Intrusion	Introduction to RPS Programming (NA)
Content	– Installation – Keypad programming – Firmware upgrade
Target audience	Installers and Service Technicians
Purpose	By successfully completing this training, you will be able to: – Install the latest version of RPS – Identify keypad programming options – Program system points in RPS – Upgrade firmware
Prerequisites	None
Duration	40 minutes
Location	Online at the Bosch Training Academy, click here to open

Online Training Courses

Intrusion	Advanced RPS Programming (NA)
Content	– This course reviews additional RPS programming functions
Target audience	Programmers and Service Technicians
Purpose	By successfully completing this training, you will be able to: – 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 the Bosch Training Academy, click here to open

Intrusion	Intrusion and IP Camera Integration
Content	– 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	By successfully completing this training, you will be able to: – Identify the benefits of using Bosch IP cameras with G Series & B Series Control Panels – Configure the control panel and Bosch IP cameras to work together, using MOTION+
Prerequisites	None
Duration	40 minutes
Location	Online at the Bosch Training Academy, click here to open

Intrusion	Cellular for Intrusion Systems (US)
Content	– Installer Services Portal – Web Services setup – Module options – Activation – Installation – Invoicing
Target audience	Installers and Service Technicians
Purpose	By successfully completing this training, you will be able to: – 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 minutes
Location	Online at the Bosch Training Academy, click here to open

Online Training Courses

Intrusion	**Introduction to Remote Connect**
Content	– Cloud Panel Setup – Remote Security Control – Build a Remote Access Profile
Target audience	Installers, Programmers and Service Technicians
Purpose	By successfully completing this training, you will be able to: – Build a Remote Access Profile – Navigate the Remote Security Control App
Prerequisites	None
Duration	6 minutes
Location	Online at the Bosch Training Academy, click here to open

Intrusion	**Introduction to IP Networking for Intrusion**	
Content	– IP networking information location – IP networking connections	– Key Terms – Communication option
Target audience	Installers, Programmers, Service Technicians and Sales	
Purpose	By successfully completing this training, you will be able to: – Locate and utilize IP network information – Install security systems with IP network connections – Explain key terms – Identify and use network communication options	
Prerequisites	None	
Duration	20 minutes	
Location	Online at the Bosch Training Academy, click here to open	

Intrusion	**Intrusion System Fundamentals**
Content	Security system basics
Target audience	Dealers, Installers and Service Technicians
Purpose	By successfully completing this training, you will be able to: – Describe what an intrusion alarm system does – Identify and understand the components of an intrusion alarm system – Identify the best coverage pattern for your space – Determine which reporting option is best for your installation Explain how a system is wired
Prerequisites	None
Duration	10 minutes
Location	Online at the Bosch Training Academy, click here to open

Online Training Courses

Intrusion	B465 Dual Path Communicator: Installation and Programming
Content	This course will familiarize you with the B465 Dual Path Communicator options, setup, and installation.
Target audience	Installers, Programmers and Service Technicians
Purpose	By successfully completing this training, you will be able to: – Understand the capabilities of the B465 module – Install the B465 module – Upgrade the firmware of the B465 module – Program the B465 module
Prerequisites	None
Duration	15 minutes
Location	Online at the Bosch Training Academy, click here to open

Intrusion	Conettix Receiver Setup
Content	This course teaches basic configuration for a Conettix receiver via a series of videos.
Target audience	Installers, Programmers and Service Technicians
Purpose	By successfully completing this training, you will be able to: – 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 minutes
Location	Online at the Bosch Training Academy, click here to open

Intrusion	B940W Slim Touch Keypad Product Introduction Training
Content	This course includes the following items – Product information – Technical specifications – Characteristics – How to videos
Target audience	Installers, System Programmers, Service Technicians, Project Managers and Sales
Purpose	Learn the commercial and technical characteristics of the new B940W Slim touch keypad
Prerequisites	None
Duration	20 minutes
Location	Online at the Bosch Training Academy, click here to open

Online Training Courses

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 and Sales
Purpose	By successfully completing this training, you will be able to: – 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 the Bosch Training Academy, click here to open

Intrusion	Bosch GV4: Overview (NA)
Content	This course includes the following items: – Intrusion System Fundamentals – Bosch GV4 Basics – Bosch GV4 Hardware – Introduction to RPS Software – Advanced RPS Programming – Bosch GV4 Troubleshooting – Bosch ZONEX Devices – GV4 Assessment
Target audience	Installers, Programmers and Service Technicians
Purpose	By successfully completing this training, you will be able to: – Configure devices and program the control panel according to the needs of a customer – Use Bosch's Remote Programming Software (RPS) to program control panel parameters – Troubleshoot potential configuration issues
Prerequisites	None
Duration	3 hours 20 minutes
Location	Online at the Bosch Training Academy, click here to open

Intrusion	G Series/B Series Expert Recertification
Content	– Introduction – New Products – Resources – B444-A Plug-in cellular module introduction training – Terminology – B940W Slim touch keypad product introduction training – End of Life Products – Firmware updates – RADION Wireless Devices: Portfolio Expansion – New RPS Features – Assessment
Target audience	Installers, System Programmers and Service Technicians
Purpose	Completion of this training will renew the G Series/B Series Expert certification for 2 years
Prerequisites	G Series/B Series Expert Certification
Duration	2 hours
Location	Online at the Bosch Training Academy, click here to open

Online Training Courses

Intrusion	**G Series/B Series Master Recertification**	
Content	– Introduction – Resources – Terminology – End of Life Products – Firmware updates – New RPS Features	– New Products – B444-A Plug-in cellular module introduction training – B940W Slim touch keypad product introduction training – RADION Wireless Devices: Portfolio Expansion – Assessment
Target audience	Installers, System Programmers and Service Technicians	
Purpose	Completion of this training will renew the G Series Master certification for 2 years	
Prerequisites	G Series Master Certification	
Duration	2 hours	
Location	Online at the Bosch Training Academy, click here to open	

Video Solutions	**Bosch Remote Portal Training**	
Content	– CBS overview – Bosch Download Store – Configuration Manager usage – Communications and Port usage – Cloud Services	– CBS servers and PKI – Device Groups – Video Security Client – Remote Portal Licensing – Troubleshooting
Target audience	Technicians, Project Managers and IT Professionals	
Purpose	This training will explain how Bosch Remote Portal and CBS Services are used, in addition to the benefits they can bring users.	
Prerequisites	None	
Duration	2 hours	
Location	Online at the Bosch Training Academy, click here to open	

Video Solutions	**Bosch Video Systems Commercial Certification**
Content	– Introduction – Keep video data secure – Video analytics – In-Store analytics – Business Intelligence – INTEOX: The Open Camera Platform – Fixed camera portfolio – Thermal camera portfolio – Moving camera portfolio – Recorder portfolio – Exam
Target audience	Commercial people, Installers, System Designers and Distributors
Purpose	This training will explain the Bosch philosophy and the technologies behind our products. We will guide you through our different solutions and products that have been created for your needs.
Prerequisites	None
Duration	2 hours
Location	Online at the Bosch Training Academy, click here to open

Online Training Courses

Video Solutions	BVMS Technical Certification Training
Content	– BVMS Essentials knowledge – IP Networking basic knowledge – Professional Level Exam
Target audience	Engineers, Administrators, Installers, Project Managers and System Architects
Purpose	By successfully completing this training, you will be able to: – Explain the functionality of the BVMS core components (Management server, Video Recording Manager, Operation Client, Configuration Client) – Understand the basics of IP Networking
Prerequisites	None
Duration	3 hours
Location	Online at the Bosch Training Academy, click here to open
CEC credits*	This course may be accredited for CEC credits

Video Solutions	Video Analytics Technical Certification Training
Content	– Bosch video analytics at the edge — Flow configuration – Essentials and intelligent video analytics — Forensic search – Essentials and intelligent video analytics — Application Design advanced configuration
Target audience	Dealers, Installers, Service Technicians and Commercial Sales Members
Purpose	By successfully completing this training, you will be able to: – Recognize which types of analytics fit your project – Configure your system
Prerequisites	None
Duration	2 hours
Location	Online at the Bosch Training Academy, click here to open

Video Solutions	DIVAR IP 3000 - 7000 Installation/Configuration
Content	– Product overview — Technical specifications and installation – Basic configuration — Maintenance and repair
Target audience	Dealers, Installers and Service Technicians
Purpose	By successfully completing this training, you will be able to: – 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 the Bosch Training Academy, click here to open

*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	BVMS Operator Client Web Based Training	
Content	– 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	By successfully completing this training, you will be able to: – Understand the basics and features of Operator Client – How to perform Live and Playback functions to include exports – How to navigate Alarm features and notifications – Keyboard operations and movements	
Prerequisites	None	
Duration	1 hour	
Location	Online at the Bosch Training Academy, click here to open	

Video Solutions	Network Basics (Online)	
Content	– IP Addressing and Subnetting – Open System Interconnection (OSI) model	– Topologies and cabling – Network troubleshooting commands – Ports and selection of network switches
Target audience	Technicians, Project Managers, IT Professionals and Sales	
Purpose	By successfully completing this training, you will be able to: – 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 hour 30 minutes	
Location	Online at the Bosch Training Academy, click here to open	

Classroom Training Courses

Access	Access Management Systems (AMS) – Expert Level Trainings and Exams	
Content	– Fundamentals of Access Management System Software – Basic programming of the AMC2 Controller – Installation of AMS in Server-Client architecture – Door Models – Setting up door and reader parameters – Working in MapView – Working with the Badge Designer application	– PIN code types in AMS – Time Models – Random Screening – Blocking and Blacklisting – Reports – Use of the web-based cardholder data import/export tool – Backup and Restore – Licensing
Target audience	Installers, Project Engineers and Technical Support Companies	
Purpose	After completing this Course, you will be able to work with and set up an access control system based on Bosch AMC hardware and Access Management System Software.	
Prerequisites	– Basic network knowledge – IP Networking Basics Online Training – Readers and Credentials Online Training and its exam – AMC Product Portfolio Online Training series and the AMC Exam	
Duration	2 Days	
Location	Any Bosch training facility, virtually, or private trainings which are offered by request only	
CEC credits*	This course may be accredited for CEC credits	
Course Fee	Classroom: $345 Virtual: A kit is required to attend this class and will waive 2 seats	

Communications	Electro-Voice & Dynacord Install Partner Master Level
Content	– Electro-Voice and Dynacord system design and examples – Electro-Voice and Dynacord advanced system operation – Electro-Voice and Dynacord system programing and configuration – Electro-Voice and Dynacord system commissioning and tuning
Target audience	Install Partners, Sales engineers and System Technicians
Purpose	By successfully completing this training, you will be able to: – Design an Electro-Voice and Dynacord fixed installed system – Understand the importance and complexity of tuning fixed installation systems – Show the best practices to program and configure a fixed installation system – Determine the best practices for commissioning an installed system
Prerequisites	Electro-Voice & Dynacord Install Partner Professional Level Electro-Voice & Dynacord Install Partner Expert Level
Duration	2 days
Location	Burnsville, MN Training Facility
CTS credits**	This course may be accredited for CTS credits

*The course outline, certificate and the number of hours required to complete the course may be submitted to BICSI to obtain CEC credits for this course.

Classroom Training Courses

Communications	Certification DICENTIS Master Level	
Content	– System design approach – System calculation tool – System Licensing – Discussion device selection – Network design	– System design exercises – System components – Installation and uploading of the firmware – Configuration and hands-on – Explanation and hands-on on all available functions
Target audience	System Integrators, Distributors, Installers and Consultants	
Purpose	By successfully completing this training, you will be able to: – Configure a Bosch DICENTIS Conference System – Recognize how to update system firmware for the respective hardware components – Setup all Hardware and Software components simulating real live system for different projects and scenarios	
Prerequisites	Bosch DICENTIS Conference System - Expert Level (online training)	
No. of participants	Minimum: 3, Maximum: Facility Dependent	
Duration	2.5 days	
Location	Burnsville, MN Training Facility	
CTS credits**	This course may be accredited for CTS credits	
Course fee	$1,200	

Communications	Certification PRAESENSA Master Level - COMING SOON	
Content	– System components – Installation and uploading of the firmware – Configuration – PRAESENSA network basics	
Target audience	System Integrators, Distributors, Installers, Consultants, Sales and Marketing	
Purpose	By successfully completing this training, you will be able to: – Configure and commission a Bosch PRAESENSA Public Address & Voice Alarm System – Recognize how to update system firmware for the respective hardware components – Setup all hardware and software components simulating real live system for different projects	
Prerequisites	– PRAESENSA Public Address & Voice Alarm System - Professional Level (online training) – PRAESENSA Public Address & Voice Alarm System - Expert Level (online training)	
Duration	3 days	
Location	Burnsville, MN Training Facility	
Course fee	$1,500	

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

Classroom Training Courses

Communications	**Telex Radio Dispatch Certification Training**	
Content	– Review of networking terms, protocols, architecture, and security – Review of networking requirements and considerations for TELEX Radio Dispatch systems– Introduction to IP-224 – Review design and layout considerations for C-Soft dispatch screens	– Review system design considerations and best practices – Hands on system programming, hardware configuration and setup – Hands on system troubleshooting – Practical Exam – Master Level
Target audience	Sales Engineers and Systems Technicians	
Purpose	By successfully completing this training, you will be able to: – Setup an RoIP network including application and use case considerations – Demonstrate an understanding of direct IP interfaces for P25 DFSI/CSSI, NEXEDGE, and DMR/AIS along with encryption options – Demonstrate an understanding of control station interfaces including supported radios, features, and signaling – Demonstrate radio gateway modes of operation (local, console, tone and crosspatch) – Demonstrate management of hardware devices, including firmware upgrades, using Telex System Manager (TSM) – Correctly setup radio gateway(s) and audio interfaces – Correctly identify requirements, install, and license C-Soft including options – Correctly design and program a C-Soft based system including the SIP interface – Correctly align and test a dispatch system using Telex hardware and software – Demonstrate knowledge of radio system troubleshooting including IP network and C-Soft programming	
Prerequisites	None	
No. of participants	Minimum: 3, Maximum:6	
Duration	2.5 days	
Location	Lincoln, NE Training facility	
Course fee	$595 at Bosch Facility, $895 at other location, $150 for recertification	

Classroom Training Courses

Communications	**Certification PRAESIDEO Master Level**	
Content	– Operating principles – Install and upgrade to the latest SW release and off-line configuration tool – Configuring the PRAESIDEO System – Messages and assembling message sets – Powering, back-up powering, power consumption and battery charger	– Ethernet connection and local/remote access – Storing vital system data, Fault, call and event logging – PC call station and telephone interface – IP-Audio Interface, Cobra Net / OMNEO principle and the PRAESIDEO solution using Cobra Net / OWNEO
Target audience	AV Dealers, AV Integrators, Engineers and Consultants	
Purpose	By successfully completing this training, you will be able to: – Know the PRAESIDEO product range – Select PRAESIDEO products and make a system design – Upgrade system software – Configure a PRAESIDEO System – Use the additional SW packages for PRAESIDEO – Commission a system	
Prerequisites	– The WBT included in the Master certification Training plan – Broad experience in PA	
No. of participants	Minimum: 3, Maximum:6	
Duration	3 days	
Location	Burnsville, MN Training Facility	
CTS credits**	This course may be accredited for CTS credits	
Course fee	$1,500	

Communications	**RTS Intercom Full Range Training - Master Level**	
Content	– Hands on different RTS Intercom matrices – RTS Intercom key panels – IPEdit and AZEdit setup on live systems – ADAM and ADAM-M cards – Port allocation – RTS trunking	– RTS Intercom accessories – Integration with third party system – Commercial sales training – RTS Intercom System differentiators – How to beat competition – RTS Intercom Innovations and opportunities
Target audience	Sales Engineers and Systems Technicians	
Purpose	By successfully completing this training, you will be able to: – Commission Full Range RTS Intercom Systems – Show RTS Intercom system integration with third party systems – Understand different system sizes and complexities – Describe RTS Intercom system positioning in the market	
Prerequisites	RTS Intercom - Expert Level Certificate (Online)	
No. of participants	Based on location	
Duration	2 days	
Location	Any Bosch Training Facility	
Course fee	$1,100	

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

Classroom Training Courses

Intrusion	B Series Expert (US)	
Content	– Introduction to IP Networking for Intrusion – B Series Installation – Introduction to RPS Programming – Cellular for Intrusion Systems (US)	– Intrusion and IP Camera Integration – Introduction to Z-Wave Home Control – B Series Expert Certification (classroom) – Certification Exam
Target audience	Distributors, Installers, System Programmers and Service Technicians	
Purpose	By successfully completing this training, you will be able to: – Configure devices and program the control panel according to the needs of a customer – Use 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: 3	
Duration	Online pre-work: 2 hours 30 minutes and Classroom/virtual: 2 days	
Location	Any Bosch training facility, virtually, or private trainings which are offered by request only	
Course fee	Classroom: $345, Virtual: $300	

Intrusion	G Series - Software Configuration	
Content	– Introduction to IP Networking for Intrusion – G Series Installation – Introduction to RPS Programming – Cellular for Intrusion Systems	– Intrusion and IP Camera Integration – Introduction to Z-Wave Home Control – G Series Expert Certification (classroom) – Certification Exam
Target audience	Installers, System Programmers and Service Technicians	
Purpose	By successfully completing this training, 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	G Series - Hardware Platform and Portfolio Overview	
No. of participants	Classroom: Based on location, Virtual: Maximum of 4	
Duration	Online pre-work – 2 hours 30 minutes and Classroom/Virtual: 2 days	
Location	Any Bosch training facility, virtually, or private trainings which are offered by request only	
CEC credits:	This course may be accredited for CEC credits	
Course fee	Classroom: $345, Virtual: A kit is required to attend this class and will waive 2 seats	

*The course outline, certificate and the number of hours required to complete the course may be submitted to BICSI to obtain CEC credits for this course.

Online Training Courses

Intrusion	G Series/B Series Expert Certification (Canada)	
Content	– Intrusion IP Networking Basics – G Series/B Series Installation – RPS Programming – Cellular for Intrusion Systems (Canada)	– Intrusion and IP Camera Integration – G Series/B Series Expert Certification (classroom) – Certification Exam
Target audience	Installers, System Programmers and Service Technicians	
Purpose	By successfully completing this training, 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	G Series/B Series Technical Certification (Canada)	
Duration	Online pre-work: 2 hours 30 minutes and Classroom/Virtual: 2 days	
Location	Virtually or private trainings by request	
CEC credits*	This course may be accredited for CEC credits	
Course fee	Classroom: $345, Virtual: A kit is required to attend this class and will waive 2 seats	

Video Solutions	Video Analytics Hands On	
Content	– Analytics overview and understanding – Camera Calibration – Configuration – Object classification – Task basics	– Post forensic search – Tracking modes – Recording meta data – Intelligent Video Analytics (IVA) – Essential Video Analytics (EVA)
Target audience	System Designers, Installers, Technicians and Project Managers	
Purpose	This one-day virtual course will concentrate on the design, configuration, and planning of video systems with a concentration in edge analytics. In addition, this course will provide hands-on exercises while covering topics including calibration, object classification, and post forensic search.	
Prerequisites	BOSCH Video Analytics Technical Certification Training	
No. of participants	Virtual: Maximum of 4	
Duration	1 day	
Location	Virtually or private trainings by request	
CEC credits*	This course may be accredited for CEC credits	
Course fee	$150	

*The course outline, certificate and the number of hours required to complete the course may be submitted to BICSI to obtain CEC credits for this course.

Classroom Training Courses

Video Solutions	Bosch Video Management System Expert with Appliance Storage Certification	
Content	– 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	By successfully completing this training, you will be able to: – 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	BVMS Technical Certification Training	
No. of participants	Classroom: Based on location, Virtual: Maximum of 4	
Duration	3 days	
Location	Any Bosch training facility, virtually, or private trainings which are offered by request only	
CEC credits*	This course may be accredited for CEC credits	
Course fee	Classroom: $495, Virtual: $450	

Video Solutions	Bosch Video Management System Master Certification	
Content	– Advanced VRM and system design – Panel and ONVIF device integration and configuration	– Remote network connectivity and configuration – Wireless fundamentals – Advanced troubleshooting
Target audience	System Engineers, System Administrators, Installers, Project Managers and System Architects	

Purpose	By successfully completing this training, you will be able to:
	– Explain the functionality of additional BVMS components
	– Understand and configure advanced BVMS features and deployment options
	– Understand the purpose of the following topics in relation to BVMS:
	  • Scripting (BVMS SDKs)
	  • Automatic network replenishment (ANR)	

Prerequisites	BVMS Expert Certification	
No. of participants	Classroom: Based on location, Virtual: Maximum of 4	
Duration	Classroom: 3 days, Virtual: 3 days	
Location	Any Bosch training facility, virtually, or private trainings which are offered by request only	
Course fee	Classroom: $645, Virtual: $600 per person	

*The course outline, certificate and the number of hours required to complete the course may be submitted to BICSI to obtain CEC credits for this course.

Classroom Training Courses

Video Solutions	Cyber (Data) Security Technical Certification
Content	– State of Cyber Security and Cyber Warfare today – Incident Response Procedures and Law Enforcement – Digital Evidence and IP Video – Vulnerability analysis vs Pen Testing – Tools used and practical application – Nexpose and NMAP Labs – LINUX Based cameras vs Closed OS (BOSCH) – Wireshark and validation testing – Hashing and Encryption Lab – IP Camera Hardening Procedures – Storage Harding and Lock Down Procedures – Working with Certificates – Bosch Built in Firewalls – Working with Servers Standalone and Domain
Target audience	Technicians, Project Managers and IT Professionals
Purpose	By successfully completing this training, you will be able to: – Analyze and secure IP video systems – Know the differences between vulnerability assessments and penetration testing – Leverage scan information in order to reduce attack surfaces of system device – How to use Certificates online module
Prerequisites	Intermediate networking knowledge
No. of participants	Participants based on location Virtual: Maximum of 4
Duration	Classroom: 2 days, Virtual: 3 days
Location	Any Bosch Training Facility, virtually, or private trainings which are offered by request only
CEC credits*	This course may be accredited for CEC credits
Course fee	Classroom: $445, Virtual: $400

Video Solutions	Remote Portal and VSaaS	
Content	– CBS overview and security – Remote Portal introduction – Configuring cameras – Device menus – Device groups – Users and companies	– Viewing devices – Troubleshooting – VSaaS – Event monitor – Configuration Manager usage
Target audience	Technicians, Project Managers and IT Professionals	
Purpose	By successfully completing this training, you will be able to: – Register for a Remote Portal Account – Commission and Assign Video devices for Cloud Service – Create a "Site" – Invite a technician to their account – Assign privileges – Utilize the Cloud Player and VSC	
Prerequisites	Bosch Remote Portal Training	
No. of participants	Virtual: Maximum of 4	
Duration	1 day	
Location	Virtually or private trainings by request	
Course fee	$150	

*The course outline, certificate and the number of hours required to complete the course may be submitted to BICSI to obtain CEC 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 and Safety 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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