

## Bosch Building Technologies Academy Training Catalogue 2023



Dear customer,

We would like to welcome you to our Bosch Building Technologies Academy. Within this catalogue you will have access to an overview of the various training courses that we offer. That includes certification training across various business domains:



Video  
System



Communication  
Systems



Access Control  
and Intrusion



Fire Alarm  
System

This training catalogue is valid for 2023. The information provided is subject to potential changes, e.g., training may be cancelled in case there are not enough participants.

For further details, please refer to the terms & conditions at our Bosch Building Technologies Academy, following this [link](#).

If you wish to contact us, please use the following e-mail address:  
[boschsecurity.training@bosch.com](mailto:boschsecurity.training@bosch.com)

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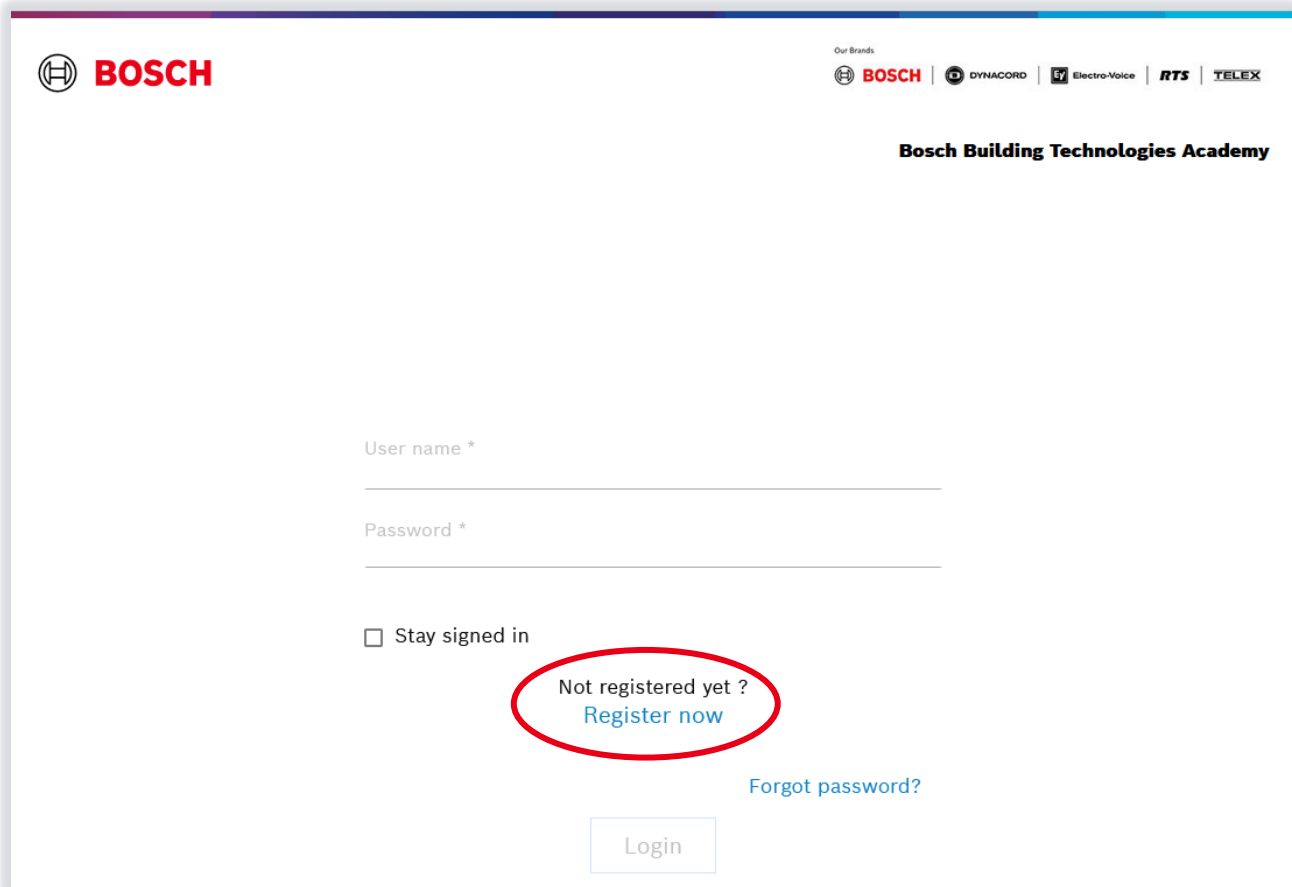
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## Starting at Bosch Building Technologies Academy

As a first step, you need to register in the Bosch Building Technologies Academy. You can do that by clicking [here](#).

Whenever possible, please register with your business e-mail address and your company address.



 **BOSCH**

Our Brands  **BOSCH**  **DYNACORD**  **Electro-Voice** **RTS** **TELEX**

**Bosch Building Technologies Academy**

User name \*

Password \*

☐ Stay signed in

Not registered yet ?  
[Register now](#)

[Forgot password?](#)

Login

## Types of training and classes



### Online training courses

Online training are available 24/7 at your fingertips. You start whenever you like, follow your own pace, pause when necessary and continue where you left off.

### Virtual classes

These classes are online, conducted by an experienced trainer and allow real-time interaction between students and trainer.



### In-person classes

These types of classes are in person and conducted by an experienced trainer. These classes are usually set at one of our Bosch facilities.

### Training Plans

A set of courses grouped together to provide you with a more complete knowledge about a given subject. Most of our courses are organized in training plans.



## Certifications and Recertifications

### Certifications

These are training plans leading to an official Bosch certificate. In general, we distinguish between commercial and technical certification at expert and master level:



#### COMMERCIAL CERTIFICATION



**Expert** level - Includes several training modules in order to obtain knowledge about product portfolio for sales prospects highlighting the key benefits.



**Master** level - Builds upon the expert level by providing a deeper understanding of product portfolio to sell the values of our solutions. In case of Intrusion and Video Systems, it also includes system design.



#### TECHNICAL CERTIFICATION



**Expert** level - Includes courses to acquire essential knowledge for the basic configuration. In case of Communication Systems and Fire Solutions it also includes system design.



**Master** level - Builds upon the expert level by providing a deeper knowledge for advanced configurations of the corresponding system and troubleshooting.

We are looking forward to soon having you **Certified** at our Bosch Buildings Technology Academy!

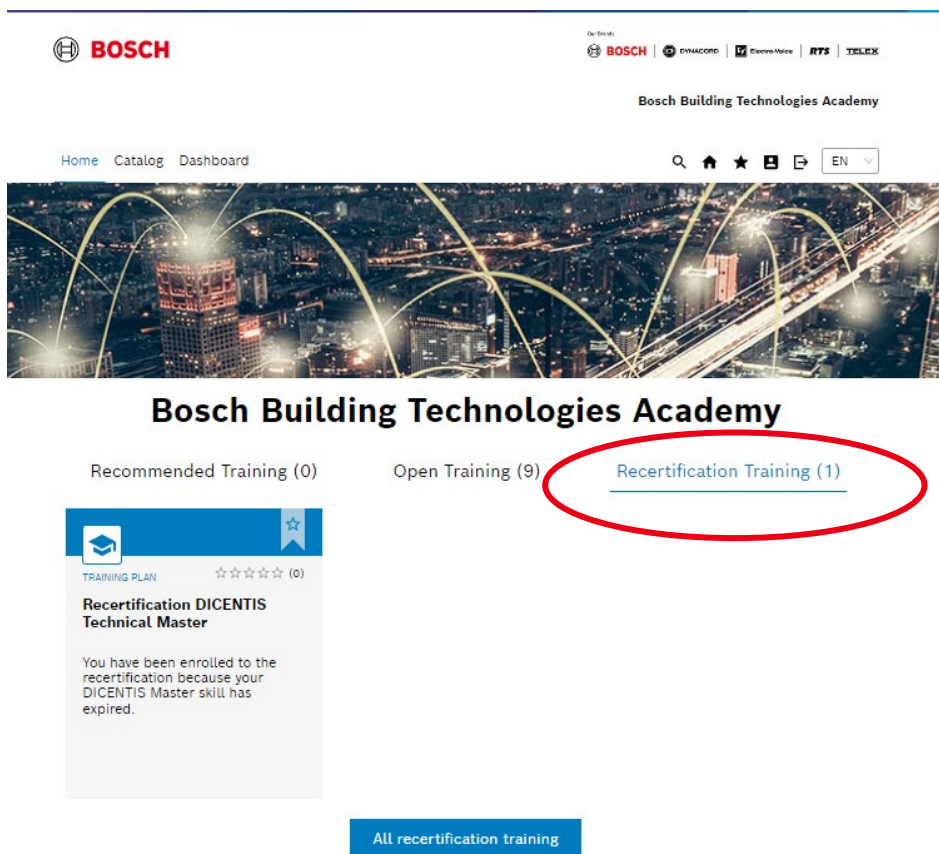


Take into consideration that you cannot start a higher level without completing first the lower ones.

## Recertifications

Since we are always seeking to improve our products and services, it is important to keep you up to date. Therefore, our certification expires after two years. Three months before expiration date, you obtain access to a recertification training which provides you all the information needed to stay updated. You have one year to do the recertification, fully online.

You will find the recertification training here:



The screenshot shows the Bosch Building Technologies Academy website. The header includes the Bosch logo and navigation links for BOSCH, DYNACORD, Electro-Voice, RTS, and TELEX. Below the header, there is a navigation bar with links for Home, Catalog, and Dashboard, along with a search icon, a home icon, a star icon, a share icon, and a language dropdown set to EN. The main content area features a large image of a city at night with glowing arcs. Below the image, the title "Bosch Building Technologies Academy" is displayed. Underneath, there are three tabs: "Recommended Training (0)", "Open Training (9)", and "Recertification Training (1)". The "Recertification Training (1)" tab is highlighted with a red circle. Below the tabs, a training card for "Recertification DICIENTIS Technical Master" is shown, indicating that the user has been enrolled for recertification as their DICIENTIS Master skill has expired. At the bottom, there is a blue button labeled "All recertification training".



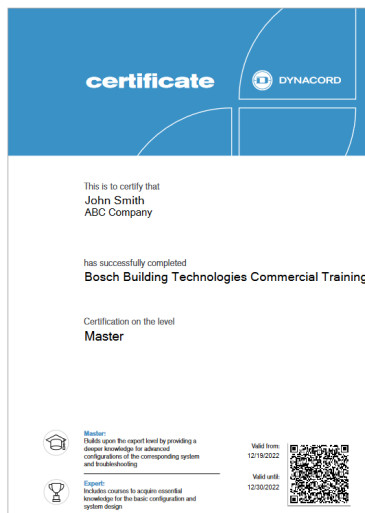
## Types of Documents

We mainly have two types of documents:

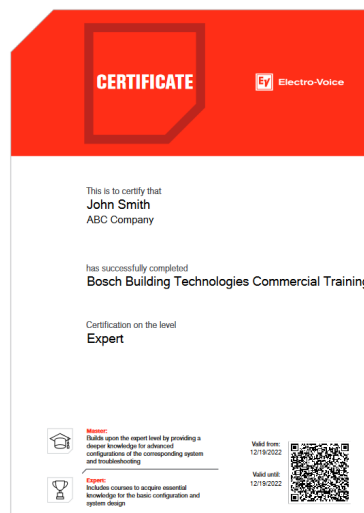
You receive a **Certificate** only when you complete all the courses and exams of Expert or Master certification level.



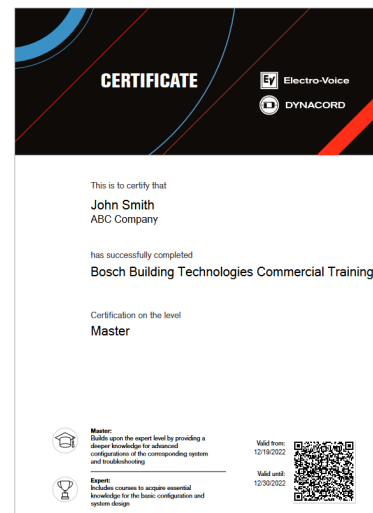
Dynacord certificate:



Electro-Voice certificate:



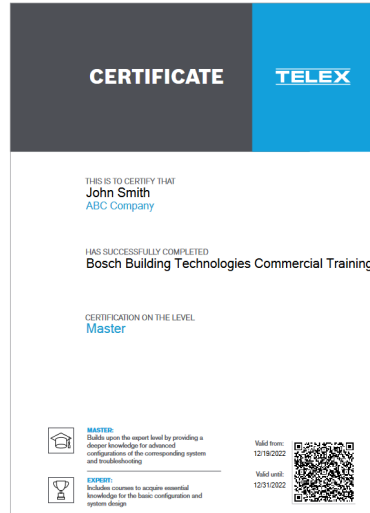
Dynacord&EV certificate:



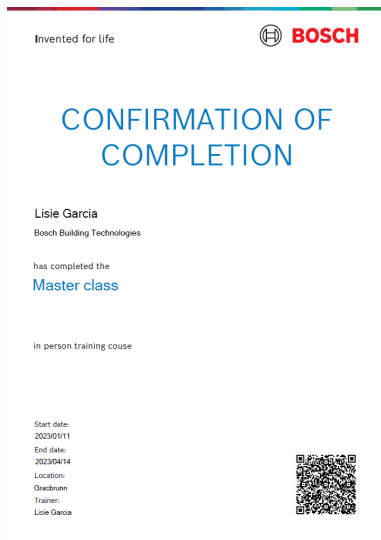
## RTS Certificate:



## TELEX Certificate:



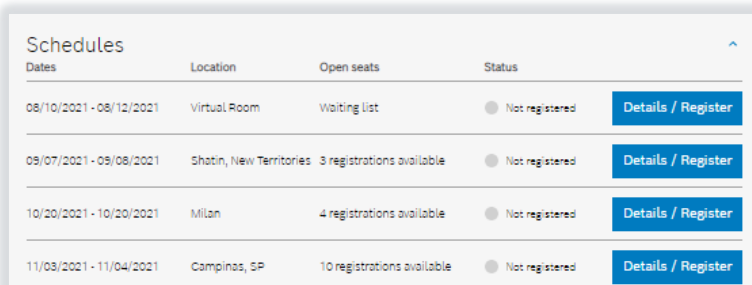
You receive a **Confirmation of Completion** after completing in some cases an online training or after attending an in-person or virtual classroom training.



## Booking Information

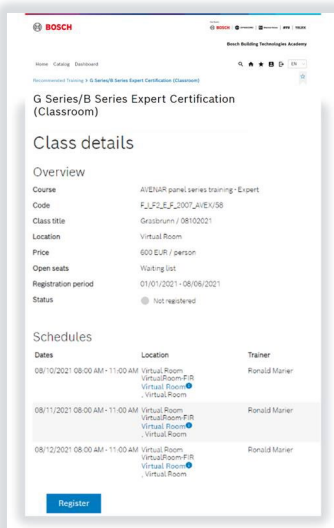
### How to book an in-person or virtual class:

1. Select the class you wish to register.



Dates	Location	Open seats	Status	
08/10/2021 - 08/12/2021	Virtual Room	Waiting list	Not registered	<a href="#">Details / Register</a>
09/07/2021 - 09/08/2021	Shatin, New Territories	3 registrations available	Not registered	<a href="#">Details / Register</a>
10/20/2021 - 10/20/2021	Milan	4 registrations available	Not registered	<a href="#">Details / Register</a>
11/03/2021 - 11/04/2021	Campinas, SP	10 registrations available	Not registered	<a href="#">Details / Register</a>

2. Confirm the information and proceed with the registration.



**G Series/B Series Expert Certification (Classroom)**

**Class details**

**Overview**

Course: All-IAR panel series training- Expert  
 Code: FULFUF2007\_AIEV158  
 Class title: Gröbbrun / 08102021  
 Location: Virtual Room  
 Price: 600 EUR / person  
 Open seats: Waiting list  
 Registration period: 01/01/2021 - 08/08/2021  
 Status: Not registered

**Schedules**

Dates	Location	Trainer
08/10/2021 08:00 AM - 11:00 AM	Virtual Room Virtual Room F16 Virtual Room Virtual Room	Ronald Marier
08/11/2021 08:00 AM - 11:00 AM	Virtual Room Virtual Room F16 Virtual Room Virtual Room	Ronald Marier
08/12/2021 08:00 AM - 11:00 AM	Virtual Room Virtual Room F16 Virtual Room Virtual Room	Ronald Marier

[Register](#)

3. Get in touch with the sales contact of your country to make the payment.



Please be aware that, usually, there are mandatory online training courses as prerequisites to be able to attend the in-person and/or virtual classes. This will help you to fully focus on the more complex content attending classroom training and you will not lose time dealing with basic information. Thus, these prerequisite online training modules are important elements of our blended learning concept, which means the combination of online and classroom training.

The prices for in-person and virtual training published at our Online Academy are based on the full course. All prices exclude VAT.



## VIDEO SYSTEMS

Imagine when you know what's next. You can respond before potential situations occur and predict new business opportunities. AIoT video systems from Bosch deliver the Power to Predict, are built on trust, and support sustainable business practices.

## Learning Path - BOSCH Video Camera Technical Certification



Training Plan



### Technical Certification

In this training we will explain how to choose the correct camera for your application and what needs to be taken in consideration in the design of your system.

We will then explain how to configure the camera (Single camera installation without use of a management software).



#### Expert level

- Online certification that explains the different configuration options of a Bosch camera



Issues certificate



#### Target groups:

- Technicians
- Installers



#### Duration:

- 3 hours

## Learning Path - BVMS Technical Certification



Expert Training



Master Training

### Technical Certification


In the Expert level training, you will learn how to install, configure, and operate BVMS with the configuration client and the operation client.

In the Master level training, you will learn how to install advanced features of BVMS and how to maintain and troubleshoot existing systems.



#### Expert level

- Understand the fundamentals of Video Recording Manager and configure the main functions of it
- Configure the system on the main configuration areas: Devices, Maps and Structure, Schedules, Cameras and Recording, Events, Alarms, User groups
- Perform essential operations and maintenance tasks

 Issues certificate

#### **Target groups:**

- Technicians
- Installers

#### **Duration:**

- (Virtual) Classroom: 3 days
- Online pre-requisite: 3 hours



#### Master level

- VRM troubleshooting
- Perform advanced troubleshooting and maintenance tasks
- Encryption and certificates
- SNMP

 Issues certificate

#### **Target groups:**

- Technicians
- Installers

#### **Duration:**

- 3 days

## Learning Path - BOSCH DIVAR IP AIO Technical Certification Training



Training Plan



### Technical Certification

In this training we will explain how to choose the correct DIVAR IP for your application and what needs to be taken into consideration in the design of your system. We will then explain how to configure our DIVAR IP AIO for small size installations.



#### Expert level

- Online certification that explains the different configuration options of a Bosch DIVAR IP AIO unit



Issues certificate



#### Target groups:

- Technician
- Installers



#### Duration:

- 3 hours

# Learning Path - BOSCH Video Analytics Technical Certification Training



Training Plan




## Technical Certification



### Master level

- Learn which types of analytics do fit your project and how to configure your system.

 Issues certificate

### **Target groups:**

- Technician
- Installers

### **Prerequisites:**

- Video Analytics basics (Expert)

### **Duration:**

- (Virtual) Classroom: 2 days
- Prerequisites: 2 hours



# Learning Path - Cyber Security Technical Certification Training



Training Plan

## Technical Certification

This course introduces students to several aspects cyber security and how they pertain to IP Video systems today. Students will learn to analyze possible threats as well as how to lock down and reduce the attack surface of their IP video system.



### Master level

#### Nexpose and NMAP Labs

- Wireshark and validation testing
- Hashing and Encryption Lab
- IP Camera Hardening Procedures
- Storage Harding and Lock Down Procedures
- Working with Certificates

 Issues certificate

#### **Target groups:**

- Technician
- Installers

#### **Prerequisites:**

- Cyber Security basics (Expert)

#### **Duration:**

- (Virtual) Classroom: 2 days
- Prerequisites: 2,5 hours

# Learning Path - BVMS Commercial Certification Training: Sales & System Design focus



Training Plan




## Commercial Certification

This certification includes several online trainings to get an in depth overview of the BVMS key benefits and essential system knowledge. You will learn how to design a BVMS system and how to do a storage calculation.



### Master level

- BVMS Essentials modules
- BVMS resilience concept
- Video Recording manager
- Bosch iSCSI storage options
- BVMS blueprints and deployment scenarios
- BVMS system design
- BVMS Storage calculation
- Certification exam

 Issues certificate

### Target groups:

- Sales

### Duration:

- 6 hours

# Learning Path - Bosch Video Systems Commercial Certification Training




## Commercial Certification

This Training Plan includes Web Based Training Modules (WBT's) in order to gain essential knowledge about the Bosch Video camera portfolio.



### Expert level

- Camera portfolio and USP's
- Recorders portfolio and USP's
- Software portfolio and USP's

 Issues certificate

### Target groups:

- Sales

### Prerequisites:

- Cyber Security basics (Expert)

### Duration:

- 3 hours



# COMMUNICATION SYSTEMS

Part of the Bosch Group, the Bosch Communication Systems family of brands offers the world's most complete portfolio of professional audio and communication solutions.

## Learning Path - Dynacord Install Electronics



Training Plan

### Technical Certification

This training plan consists of all modules required for your Dynacord Install Electronics Technical Expert Level Certification, including an Introduction training.



#### Introduction

- MXE Matrix Engines – Product Training
- C&IPX Series Amplifiers Product Training
- Online Exam



#### Target groups:

- Customers, End Users Systems Engineers and Consultants



#### Duration:

- 1,5 hours



#### Expert level

- MXE Matrix Engines System Training
- Dynacord C Series Amplifiers System Training
- Dynacord IPX Series Amplifiers System Training
- SONICUE - Configuration & Control Software
- Online Exam



Issues certificate



#### Target groups:

- Install Partners, Sales Engineers & System Technicians



#### Prerequisites:

- Dynacord Install Electronics– Introduction



#### Duration:

- 2,5 hours

## Learning Path - OMNEO / Dante Networking



Training Plan



### Technical Certification

This training plan consists of all modules required for your OMNEO / Dante Networking Technical Expert Level Certification, including an Introduction training.



#### Introduction

- Addressing
- Topologies
- Cabling & Media
- OSI Model
- Unicast, Multicast and Broadcast
- Online Exam

#### **Target groups:**

- Customers, End Users Systems Engineers and Consultants

#### **Duration:**

- 1,5 hours



#### Expert level

- Addressing
- Topologies
- Cabling & Media
- OSI Model
- Unicast, Multicast and Broadcast
- Online Exam – Expert Level

 Issues certificate

#### **Prerequisites:**

- OMNEO / Dante Networking – Introduction Level

#### **Target groups:**

- Customers, End Users Systems Engineers and Consultants

#### **Duration:**

- 1,5 hours

## Learning Path - Retail Partner



### Technical Certification

This training plan consists of all modules required for your Dynacord & Electro-Voice Retail Partner Expert and Master Level Certifications, including an Introduction training. A Confirmation of Completion document will be available upon successful conclusion of this online training and exam.



#### Introduction

- Acoustics Basics
- Portable Speakers Portfolio Overview
- L Series Amplifiers Product Training
- Online Exam

#### Target groups:

- Retail Partners
- Sales managers with commercial & marketing focus

#### Duration:

- 3 hours

#### Expert level

- Portable & Column Speakers How to Demo Guides
- L Series Amplifiers System Design
- Online Exam

 Issues certificate

#### Learning prerequisites:

- Retail Partner – Introduction Level

#### Target groups:

- Retail Partners
- Sales managers with commercial & marketing focus

#### Duration:

- 3 hours

#### Master level\*

- DC & EV Portable Systems Commercial Sales Training
- Online Exam

 Issues certificate

#### Learning prerequisites:

- Retail Partner – Expert Level

#### Target groups:

- Retail Partners
- Sales managers with commercial & marketing focus

#### Duration:

- 2 days

(\*) This training level is available in Europe only

## Learning Path - Live Sound Partner



Training Plan

### Technical Certification

This training plan consists of all modules required for your Dynacord & Electro-Voice Live Sound Partner Technical Expert Level Certification, including an Introduction training.



#### Introduction

- SONICUE Introduction
- Live Sound Product Training (L & TGX Amps & MXE5 Matrix)
- Online Exam



#### Target groups:

- Live Sound Partners
- Sound engineers & system technicians



#### Duration:

- 2 hours



#### Expert level

- SONICUE Panel Designer, MXE5 & TPC-1
- EASE Focus 3 Software
- Live Sound System Design (L & TGX Amps & MXE5 Matrix)
- Online Exam



Issues certificate



#### Learning prerequisites:

- Live Sound Partner Training – Introduction (Online)



#### Target groups:

- Live Sound Partners
- Sound engineers & system technicians



#### Duration:

- 3 hours



## Learning Path - Install Partner



Training Plan



### Technical Certification

This training plan consists of all modules required for your Dynacord Install Sound Partner Technical Expert and Master Level Certifications, including an Introduction training.



#### Introduction

- SONICUE Introduction
- Product Training (Speakers, C & IPX Amps & MXE5 Matrix)
- Online Exam

#### Target groups:

- Install Partners
- Sales engineers & system technicians


#### Duration:

- 3 hours



#### Expert level

- SONICUE Panel Designer, MXE5 & TPC-1
- Install Sound System Design (C & IPX Amps & MXE5 Matrix)
- Online Exam

 Issues certificate

#### Learning prerequisites:

- Install Partner Training – Introduction

#### Target groups:

- Install Partners
- Sales engineers & system technicians

#### Duration:

- 3 hours



#### Master level

- SONICUE Panel Designer, MXE5 & TPC-1
- Install Sound System Design (C & IPX Amps & MXE5 Matrix)
- Online Exam

 Issues certificate

#### Learning prerequisites:

- Install Partner Training – Expert Level Certificate (Online)

#### Target groups:

- Install Partners
- Sales engineers & system technicians

#### Duration:

- 12 hours

## Learning Path - IRIS-Net Basic GUI Programming



Training Plan



### Technical Certification

The comprehensive classroom training on basic GUI programming builds on IRIS-Net hardware classroom training and is applicable for customers who have attended such training within the last 2 years. An Expert Level Certificate will be available upon successfully completing this online training and exam.



#### Expert level

- IRIS-Net Basic GUI Programming
- Project file layers and navigation
- Project file structure recommendations
- Online Exam

 Issues certificate

#### Learning prerequisites:

- IRIS-Net Introduction by participating in an IRIS-Net hardware training within the last 2 years (DC& EV Live Sound or Install Master, PROMATRIX6000, PROMATRIX8000)
- Own Laptop according to the IRIS-Net requirements with latest IRIS-Net system requirements with latest IRIS-Net version pre-installed and admin rights to be brought along to the training course

#### Target groups:

- EVAC Partners
- Sound engineers & system technicians

#### Duration:

- 3 hours

## Learning Path – PRAESENSA



Training Plan

### Technical Certification

This training plan consists of all modules required for your PRAESENSA Technical Expert and Master Level Certifications, including an Introduction training.



#### Introduction

- OMNEO Networking – Introduction (Optional)
- PRAESENSA System Introduction
- PRAESENSA Updates: Software Release v1.4
- Online Exam

#### Learning prerequisites:

- Bosch Public Address PA basics – Online training

#### Target groups:

- Systems Integrators, Distributors, Installers, Specifiers, Consultants, Sales and Marketing & End Users

#### Duration:

- 3 hours

#### Expert level

- OMNEO Networking – Introduction (Optional)
- PRAESENSA System Introduction
- PRAESENSA Updates: Software Release v1.4
- Online Exam

 Issues certificate

#### Learning prerequisites:

- Bosch PRAESENSA Public Address & Voice Alarm System – Introduction (online training)

#### Target groups:

- Systems Integrators, Distributors, Installers, Specifiers, Consultants, Sales and Marketing

#### Duration:

- 2,5 hours

#### Master level

- OMNEO Networking – Introduction (Optional)
- PRAESENSA System Introduction
- PRAESENSA Updates: Software Release v1.4
- Online Exam

 Issues certificate

#### Learning prerequisites:

- PRAESENSA Public Address & Voice Alarm System – Expert Level (online training)

#### Target groups:

- Systems Integrators, Distributors, Installers and Consultants

#### Duration:

- 3 days

## Learning Path – PAVIRO



### Technical Certification

This training plan consists of all modules required for your PAVIRO Technical Expert and Master Level Certifications, including an Introduction training.



#### Introduction

- System Introduction & Hardware Components
- Loudspeakers Line Supervision and Topologies Introduction
- Networked Systems Introduction
- Online Exam

#### Target groups:

- EVAC Partners
- Sales and marketing staff of customers, consultants, specifiers

#### Duration:

- 5 hours



#### Expert level

- System Design Training Project Examples
- Network Basics
- Networked Systems Design Examples
- Online Exam

 Issues certificate

#### Learning prerequisites:

- PAVIRO Training – Introduction

#### Target groups:

- EVAC Partners
- Consultants, System Designers

#### Duration:

- 3,5 hours



#### Master level

- Configuration Wizard SW Tutorial (Optional)
- IRIS-Net Software Introduction
- Master Classroom Training
- Online Exam

 Issues certificate

#### Learning prerequisites:

- PAVIRO Training – Introduction

#### Target groups:

- EVAC Partners
- Installers

#### Duration:

- 2,5 days

## Learning Path – PRAESIDEO



Training Plan



### Technical Certification

This training plan consists of all modules required for your PRAESIDEO Technical Master Level Certification, including an Introduction training.



#### Introduction

- System Introduction & Architecture
- System Functions, PC Connections and Security
- Software 4.nn
- Online Exam

#### Learning prerequisites:

- Basic knowledge of electronics, acoustics and public address systems.
- Optional: PA Basics Online Training

#### Target groups:

- Systems Integrators, Distributors, Installers, Specifiers, Consultants, Sales, and Marketing & End Users

#### Duration:

- 2 hours



#### Master level

- EN54 Installer Certification (optional)
- Master Classroom Training
- Online Exam

 Issues certificate

#### Learning prerequisites:

- The WBT included in the Master certification Training plan need to be completed prior to the training start
- Broad experience in PA is required.
- For Persons with limited experience, who are active in PA business the PA-Basics Classroom and Web-based trainings are strongly recommended

#### Target groups:

- Systems Integrators, Distributors, Installers, and Consultants

#### Duration:

- 4 days

## Learning Path – PLENA MATRIX



Training Plan

### Technical Training

This Web-Based Training contains an introduction to the PLENA Matrix system and its hardware components as well as the loudspeaker, topologies and networking functions. A Confirmation of Completion document will be available upon successful conclusion of this online training and exam.

#### Introduction level

- System Introduction & HW Installation
- Matrix Mixer PC Graphical User Interface
- Amplifier Graphical User Interface
- Online Exam

#### **Target groups:**

- EVAC Partners
- Sales and marketing staff of customers, consultants, specifiers

#### **Duration:**

- 2 hours

## Learning Path – Promatrix 9000\*



Training Plan



### Technical Certification

This training plan consists of all modules required for your Promatrix 9000 Technical Expert and Master Level Certifications, including an Introduction training.

\*Only available in Germany



#### Introduction

- OMNEO Networking – Introduction (Optional)
- Promatrix 9000 System Introduction
- Promatrix 9000 Updates: Software Release v1.4
- Online Exam

#### Target groups:

- Systems Integrators, Distributors, Installers, Specifiers, Consultants, Sales and Marketing & End Users

#### Duration:

- 3 hours



#### Expert level

- OMNEO Networking – Expert Level (Optional)
- Promatrix 9000 System Design (Spec to BOM)
- Online Exam

 Issues certificate

#### Learning prerequisites:

- Promatrix 9000 Public Address & Voice Alarm System – Introduction (online training)

#### Target groups:

- Systems Integrators, Distributors, Installers, Specifiers, Consultants, Sales and Marketing & End Users


#### Duration:

- 2,5 hours



#### Master level

- OMNEO Networking – Introduction (Mandatory\*)
- OMNEO Networking – Expert Level (Mandatory\*)
- Master Classroom Training
- Online Exam

 Issues certificate

#### Learning prerequisites:

- Promatrix 9000 Public Address & Voice Alarm System – Expert level (online training)

#### Target groups:

- Systems Integrators, Distributors, Installers and Consultants

#### Duration:

- 3 days

## Learning Path - Promatrix 6000\*



Training Plan

### Technical Certification

This training plan consists of all modules required for your Promatrix 9000 Technical Expert and Master Level Certifications, including an Introduction training.

\*Only available in Germany



#### Introduction

- System Introduction & Hardware Components
- Loudspeakers Line Supervision and Topologies Introduction
- Networked Systems Introduction
- Online Exam

#### Target groups:

- EVAC Partners
- Sales and marketing staff of customers, consultants, specifiers

#### Duration:

- 5 hours

#### Expert level

- System Design Training Project Examples
- Network Basics
- Networked Systems Design Examples
- Online Exam

 Issues certificate

#### Learning prerequisites:

- Promatrix 6000 Training – Introduction (Online)

#### Target groups:


- EVAC Partners
- Consultants, System Designers

#### Duration:

- 3,5 hours

#### Master level

- Configuration Wizard SW Tutorial (Optional)
- IRIS-Net Software Introduction
- Master Classroom Training
- Online Exam

 Issues certificate

#### Learning prerequisites:

- Promatrix 6000 Public Address & Voice Alarm System – Expert level (online training)

#### Target groups:

- Systems Integrators, Distributors, Installers and Consultants

#### Duration:

- 2,5 days



## Learning Path - Promatrix 8000\*



Training Plan



### Technical Certification

This training plan consists of all modules required for your Promatrix 8000 Technical Expert and Master Level Certifications, including an Introduction training.

\*Only available in Germany



#### Introduction

- Promatrix 8000 Hardware overview and knowledge check
- Network Basics WBT (Optional)
- Audio Network Basics WBT
- Online Exam

#### **Target groups:**

- EVAC Partners
- Sales and marketing staff of customers, consultants, specifiers

#### **Duration:**

- 2,5 hours



#### Master level

- IRIS-Net Software Introduction
- Promatrix 8000 System Training hands-on and exercises
- Online Exam

 Issues certificate

#### **Learning prerequisites:**

- Promatrix 8000 Training – Introduction
- Own laptop with admin rights and installed IRIS-Net and Configuration Wizard Software has to be brought along to the training.

#### **Target groups:**

- EVAC Partners
- Installers

#### **Duration:**

- 2,5 days

# Learning Path - DICENTIS Conference System



## Technical Certification

This training plan consists of all modules required for your DICENTIS Technical Expert and Master Level Certifications, including an Introduction training.

**\*Only available in Germany**



### Introduction

- IP Basics & Terminology + OMNEO Overview and Positioning
- Conference & Discussion Commercial Segment Training
- DICENTIS System Introduction
- Online Exam

#### **Target groups:**

- Systems Integrators, Distributors, Installers, Specifiers, Consultants, Sales and Marketing & End Users.

#### **Duration:**

- 3 hours

### Expert level

- IP Basics & Terminology + OMNEO Overview and Positioning
- Conference & Discussion Commercial Segment Training
- DICENTIS System Introduction
- Online Exam

#### Issues certificate

#### **Learning prerequisites:**

- Bosch DICENTIS Conference System – Introduction (online training)

#### **Target groups:**

- Systems Integrators, Distributors, Installers, Specifiers, Consultants, Sales and Marketing

#### **Duration:**

- 3 hours

### Master level

- Master Classroom Training
- Advanced System Design (Optional – 1 Extra day)
- Online Exam

#### Issues certificate

#### **Learning prerequisites:**

- Bosch DICENTIS Conference System – Expert Level (online training)

#### **Target groups:**

- Systems Integrators, Distributors, Installers and Consultants

#### **Duration:**

- 2,5 days

## Learning Path - DCN-NG Conference System



Training Plan



### Technical Certification

This classroom training brings an immersive and unique opportunity to master the Bosch DCN-NG Conference System, including hands-on experience on all hardware & software offerings for the complete programming and operation of the system. A Master Level Certificate will be available upon successfully completing this classroom training and online exam.



#### Master level

- Stand Alone Single and Multi CCU2 (wired & wireless)
- Single PC & Multi PC Control + Camera Control
- Language Distribution System
- Online Exam

 Issues certificate

#### Target groups:

- Systems Integrators, Distributors, Installers and Consultants

#### Duration:

- 5 days

## Learning Path – RTS Intercom – Full Range Training



Training Plan

### Technical Certification

This training plan consists of all modules required for your RTS Technical Master Level Certification, including an Introduction training.



#### Introduction

- Intercom Basics + RTS Intercom Portfolio + AZEDIT SW Basics
- ODIN – OMNEO Digital Intercom Training + ROAMEO Training
- OMS and DBP Introductions
- Online Exam

#### **Target groups:**

- Broadcast & Theatre audio engineers + Intercom users



#### **Duration:**

- 2 hours



#### Master level

- RTS Full Range Classroom Training - Master
- Commercial Sales Training (optional)
- Online Exam



Issues certificate



#### **Learning prerequisites:**

- RTS Intercom - Expert Level Certificate (Online)



#### **Target groups:**

- Sales engineers & systems technicians



#### **Duration:**

- 2 days

## Learning Path – TELEX Radio Dispatch



Training Plan




### Technical Certification

This training plan consists of all modules required for your RTS Technical Master Level Certification, including an Introduction training.



#### Master level

- Telex Dispatch Classroom Training – Master
- Telex Dispatch Practical Exam

 Issues certificate

#### **Learning prerequisites:**

- IP Networking basics (Web Based Training)

#### **Target groups:**

- Sales engineers & systems technicians

#### **Duration:**

- 2 days



# ACCESS CONTROL AND INTRUSION

Access management is an essential component of building security. It is the process of granting authorized users the right to enter certain buildings, areas, and rooms, while preventing access to non-authorized users. Sounds simple, but today's market also wants access management systems that are easy to set up and use. Access management systems must also be easily scalable and able to integrate with other security domains like video and intrusion systems. And perhaps, most importantly, today's market wants access management systems that are highly resilient and always available.

## Learning Path - G Series Certification



### Technical Certification



#### Expert level

- First Section:  
Platform and portfolio overview
- Second Section:
  1. RPS Programming Basics
  2. Features
  3. RPS v6.11 New Features
  4. Points
  5. RF Devices
  6. Cellular
  7. Outputs
  8. Keypads
  9. Automation
  10. Local Authorization
  11. IP Cameras
  12. Access Modules
  13. Dual Authentication
  14. Installer Services
  15. Troubleshooting
  16. Knowledge Check

 Issues certificate

#### **Target groups:**

- Installers, Programmers, Sales Engineers, System Integrators

#### **Duration:**

- 20 hours



Training Plan

# Learning Path - Access Management System Commercial Certification




## Commercial Certification



### Expert level

- Introduction to Bosch Access Control Systems
- Portfolio for Access Control
- Access Control Readers and Credentials
- Introduction to Visitor Management
- Access Commercial Expert Certification Exam

 Issues certificate

### Target groups:

- Sales
- New Hires
- Admins

### Duration:

- 2 hours



# Learning Path - Access Management System Technical Certification




Training Plan

## Technical Certification



### Expert level

- Access Modular Controller (AMC) Module 1 - Overview
- Access Modular Controller (AMC) Module 2 - Power Supply
- Access Modular Controller (AMC) Module 3a - Weigand Controllers
- Access Modular Controller (AMC) Module 3b - Weigand Extension Board
- Access Modular Controller (AMC) Module 4 - RS485 Controller
- Access Modular Controller (AMC) Module 5 - Input/Output Extension Board
- Access Modular Controller (AMC) Overall Exam for all AMC Modules
- Access Control Readers and Credentials Exam
- Access Management System (AMS) Expert Level Training
- Access Management System Expert Certification Exam

 Issues certificate

### Target groups:

- Installers, Programmers, Sales Engineers, System Integrators



### Duration:

- 20 hours

## Learning Path -Intrusion: Commercial Certification




Training Plan

### Commercial Certification



#### Expert level

- Intrusion Portfolio: Commercial Path - Expert
- Intrusion System Fundamentals
- Introduction to IP Networking for Intrusion
- Installer Services Portal: Welcome to Bosch ISP
- Bosch Security Manager App
- Detector Basics
- Bosch Motion Detectors
- Total Cost of Ownership
- Intrusion Commercial Expert Assessment

 Issues certificate

#### **Target groups:**

- New Hire, Admin, Sales, Installer, Programmer

#### **Duration:**

- 3 hours

## Learning Path – MAP 5000 Certification



Training Plan



### Technical Certification

The Expert course provides an in-depth instruction on the installation, programming, and operation of the Modular Alarm Platform (MAP) 5000 system.

The Master course provides in-depth instruction on advanced configuration of the Modular Alarm Platform (MAP) 5000 system.



#### Expert level

- This system is best suited for medium to large commercial applications.
- The requirement for the MAP 5000 Expert Certification is the MAP 5000 Professional Certification. You can acquire the MAP 5000 Professional Certification as web-based training. You can find it in this section as well.

 Issues certificate


#### **Target groups:**

- Installers, System Designers, Technicians, and Commercial Professionals



#### Master level

- The requirement for the MAP 5000 Expert Certification is the MAP 5000 Professional Certification and the Expert Certification. You can acquire the MAP 5000 Professional Certification as web-based training. You can find it in this section as well. If you do not yet have a MAP 5000 Expert certification, but have already registered for a previous MAP 5000 Expert course, you can also register for the subsequent Master's course.

 Issues certificate

#### **Target groups:**

- Installers, System Designers, Technicians, and Commercial Professionals

## Learning Path – MAP 5000 Certification



Training Plan



### Commercial Certification

This course provides an overview of the Modular Alarm Platform (MAP) 5000 system. It reviews its capabilities, main components, and options available.



#### Expert level

- This online course provides an overview of the Modular Alarm Platform (MAP) 5000 system. It reviews its capabilities, main components, and options available.

 Issues certificate

#### **Target groups:**

- Installers, System Designers, Technicians, and Commercial Professionals



# FIRE ALARM SYSTEMS

Keeping people safe is our priority. In order to protect lives and property, it is vital to quickly locate, detect, verify, and contain fires. Our fire detection systems stand for reliability, innovation, flexibility, and the pioneering use of artificial intelligence worldwide.

# Learning path - AVENAR panel series Technical Certification



Training Plan

## Technical Certification

In the Expert level, the online modules will give you an overview about the basic components of the AVENAR panel series, different technologies and applications for Bosch Fire Detectors and different types of manual call points and how to use the Bosch Safety Systems Designer in your daily work.

Important: they are the pre-requisites to attend the classroom/virtual training.

In the classroom/virtual training you will learn about basic programming and diagnostics procedures for the AVENAR panel series. In Master level, you will learn about networking capabilities of the AVENAR panel series.






### Expert level

#### Online Training:

- AVENAR panel series - Module 1: Components and Functionalities + Exam Module 1
- AVENAR panel series - Module 2: Panel Controller, LSNi and Programming + Exam Module 2
- Peripherals - Module 1: Detectors and Manual Call Points
- Bosch Safety Systems Designer: Get started

#### Classroom Training:

- AVENAR panel series classroom/virtual training – Expert
- AVENAR panel series exam - Expert

-  Online Training
-  Classroom Training
-  Issues certificate

#### Target groups:

- System Integrators




#### Duration:

- Online: 2h55m
- Classroom: 2 days



### Master level

- Topics included in the classroom/virtual trainings:
- Complex networks (CAN, IP, OPC)
- Connection to FSM
- Smart Safety Link (Integration to Praesideo, Paviro)
- RPS Programming advanced: application of rules over AVENAR panel series network
- Hands-on sessions
- AVENAR panel series exam – Master

-  Online Training
-  Classroom Training
-  Issues certificate

#### Prerequisites:

- AVENAR Panel Series Technical Expert

#### Target groups:

- System Integrators

#### Duration:

- 2 days

## AVENAR panel series: What's new – for certified FPA-5000 users



Training Plan

This training plan gives an overview of the new features and characteristics of the AVENAR panel Series compared to the FPA-5000 fire alarm panel.

It contains an **online training** and an **online exam** about the new AVENAR panel series.


Upon passing, you will receive the AVENAR panel series Technical Certificate on the level Expert.

This module is for experienced and certified FPA-5000 users only!



### Expert level

- Online training: AVENAR panel series: What's new- for certified FPA-5000 users.
- Gives an overview of the new features and characteristics of the AVENAR panel series, consisting of the AVENAR panel 2000 and AVENAR panel 8000.
- Online Exam

 Online Training

 Issues certificate

#### **Prerequisites:**

FPA-5000 Expert training certificate from the Bosch Building Technologies Academy.

If you do not have an updated certificate, please contact your local Bosch sales office.

Or e-mail us at [TrainingFire.ST@de.bosch.com](mailto:TrainingFire.ST@de.bosch.com) to learn how to obtain an updated certificate.

#### **Target groups:**

- System Integrators

#### **Duration:**

- 30 minutes

## Additional online trainings

You can find more comprehensive tutorials and online trainings under the category Fire Alarm Systems in the Bosch Building Technologies Academy on topics like:

- Video based fire detection:
  1. We have multiple content available on our fire and smoke detection camera AVIOTEC IP starlight 8000
  2. Learn for example about basic technology for video fire detection, integration into Bosch and third-party video management software and how to run a successful customer demonstration with AVIOTEC.

- Remote Services:

You will understand the benefits of Remote Services and learn how to use and administrate the Remote Portal in an efficient way.

- Safety Systems Designer:

You can find several online modules on our planning software: introduction training, short video tutorials on common topic and features



**We are looking forward to welcome you at our Bosch Buildings Technology Academy. Well trained and competent engineers and installers will lead to shorter installation times, less configuration errors and – most importantly – fully satisfied customer.**

**You may contact us by email at [boschsecurity.training@bosch.com](mailto:boschsecurity.training@bosch.com)**