Evac**Go**
Training
Programme

Contents

Introduction

Our training courses are essential to helping you support and engineer an evacuation alert system in line with the BS 8629 Code of Practice. We offer our local partners free workshops which cover not only the theory, but also applied exercises and tests. This ensures that on completing our full training programme, you will have good working knowledge of all aspects of our equipment and software packages.

Our training modules are developed to help keep you up to date with the latest products, approvals and industry standards.

Products are hitting the market every day, bringing with them new features, new hardware and software updates – it can be difficult to keep ahead of all the changes. This is why we have developed e-learning modules so you now have an easily accessible and cost-effective way of keeping up to date as changes occur.

Whilst we still recognise the importance of face-to-face product training, our e-learning modules:

- can be accessed anywhere, anytime with an active trainer and live video
- allow on-field workers easy access to training without the time, cost and inconvenience of having to travel to a training centre
- make it easy for you to keep your employees updated on all the latest industry developments, and so gain a simple and easy competitive advantage.

Our e-training modules are built around workshops with a designated trainer and a maximum of 12 delegates.
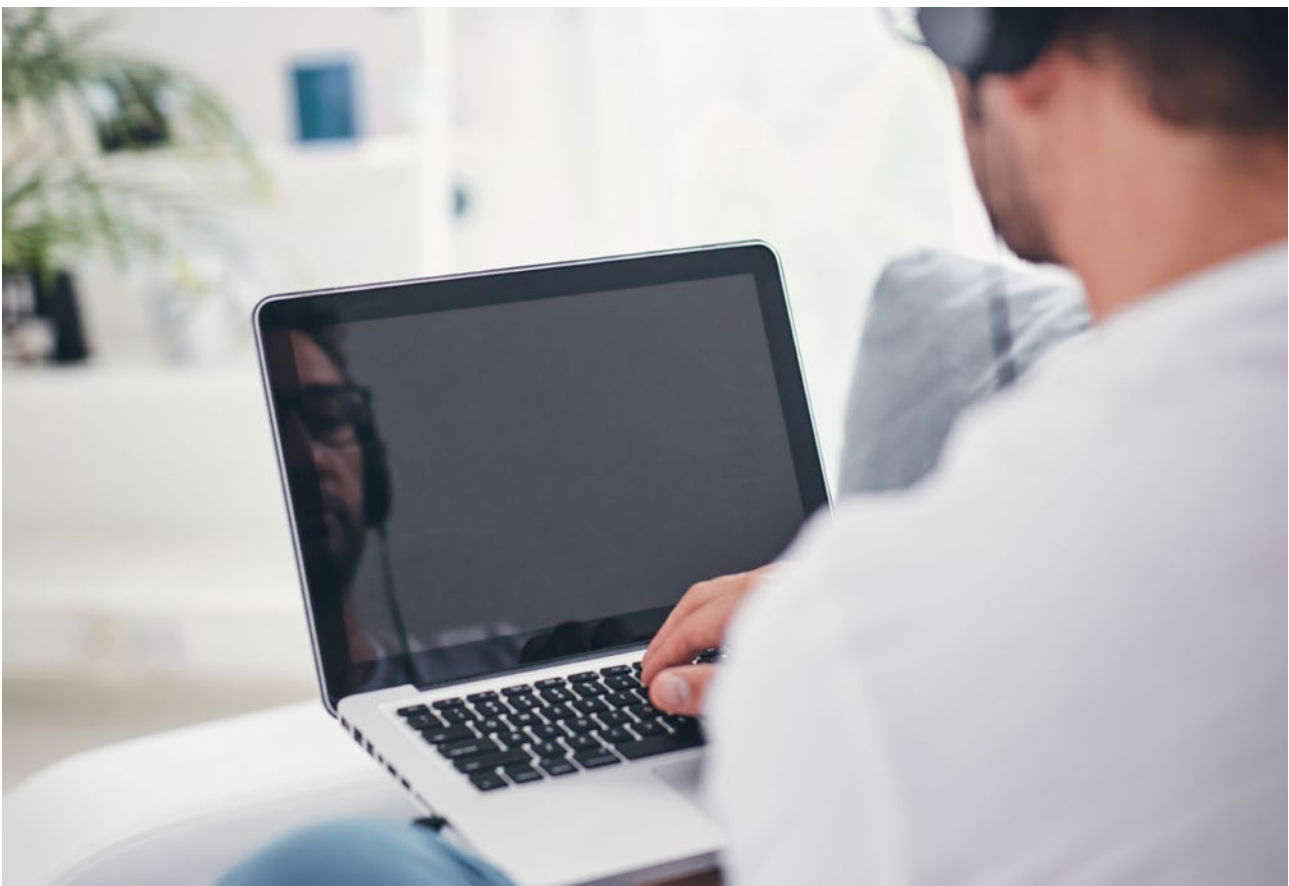
General Information

During your e-learning session, your trainer will be based in our purpose-built training facility in the UK.

The centre is fully equipped to carry out simulated installation scenarios to help you get practical insight into how our products really work.

Small group sizes per session ensure all participants get the most from the training, with plenty of opportunity to ask questions. UK sessions typically run as follows:

- **Morning sessions** from 09:00 to 12:30 (BST)
- **Afternoon sessions** from 13:00 to 16:30 (BST)

If our open courses don't meet your needs, we can, by prior arrangement, customise courses to suit you. Please note a minimum of six and maximum of 10 participants are needed for customised training.

Training courses are available for the following modules:

Module 1
What Is an Evacuation Alert System? (~ 1 hour)

Module 2
System Design and Quote (~ 1 hour)

Module 3
Virtual Panel Configuration (~ 1 hour)

Module 4
PC-Net Software Configuration (~ 1 hour)

Module 5
Service and Maintenance (~ 1 hour)

Training modules are built up of short units with an automated question and answer session at the end of each. Upon successful competition of all units and a pass rate of 70% or higher, a certificate will be awarded, proving competency.

	Consultant	Sales Engineer	Project Engineer	Design Engineer	Estimator	Installation Engineer	Commissioning Engineer	Maintenance Engineer	Technical Support Engineer	Facilities Management Team	Trainer
Module 1 Duration ~ 1 hour	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
Module 2 Duration ~ 1 hour	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
Module 3 Duration ~ 1 hour						✔	✔	✔	✔		✔
Module 4 Duration ~ 1 hour						✔	✔	✔	✔		✔
Module 5 Duration ~ 1 hour		✔	✔	✔		✔	✔	✔	✔		✔

We store all completed training records on a secure internal database.
*Customised courses available upon request.

Our Training Team

Paul Duffy BEng ESDE
Technical Services Manager

Having led Advanced training and technical support since 2002, Paul is responsible for our training programme and our trainers in the UK and around the world.

Mark Taylor
Senior Technical Support Engineer

Mark joined Advanced from Kidde Products in 2006. Specialising in fire alarm CIE, Mark has a wealth of experience from installation through to systems integration.

Shaun Scott
Technical Support

Shaun joined the technical support team in 2004 having previously worked in manufacturing operations. He has been a trainer since 2008, and as well as providing training on our fire products, Shaun has also helped develop our emergency lighting installation and testing course.

David Burton
Technical Support

Dave joined Advanced in 2009, bringing with him over 20 years of electrical and electronic experience. He has been an Advanced trainer since 2010.

Nick Blackhall
Technical Support

Nick studied an HNC in Electrical and Electronic Engineering and joined Advanced in 2014. He has been training installers since 2017.

Laura Shaw
Technical Support

Laura joined Advanced as an apprentice in 2015 and holds an HNC in Electrical and Electronic Engineering.

Module 1

What Is an Evacuation Alert System?

Duration

~1 hour.

Content

Extensive product overview presentation.

1.1 Introduction to BS 8629 and product solutions

Overview of BS 8629 Code of Practice

• EACIE (Evacuation Alert Control & Indicating Equipment)

• Wired & wireless solutions.

Equipment required

None.

Goal

You will:

• Learn the operational principles of BS 8629

• Learn about how this COP is to be used for new and existing high-risk residential buildings

• Gain a deep understanding of BS 8629 and system integrity

• Learn about products for wired, wireless and hybrid solutions to meet this new COP

• Help with specification.

Who is this course suitable for?

Consultants, specifiers, designers, installers, sales and purchasing, maintenance, technical support, trainers and facilities managers.

Module 2

System Design and Quote

Duration

~1 hour.

Content

Fundamental product considerations when designing a system to comply with BS 8629.

2.1 Panel/loop options

2.2 Battery/loop calculations

Detailed system architecture breakdown including:

- Panel feature summary
- Our recommended cable types
- Connection options for installation
- Cost-saving benefits.

Equipment required

None.

Goal

You will learn the basics of the:

- Panel structure
- Loop addressing
- Panel capacity
- Loop card and address slot breakdown
- What components to choose when building up a system
- How to calculate loop lengths and battery backup.

Who is this course suitable for?

Consultants, specifiers, designers, installers, sales and purchasing, maintenance, technical support, trainers and facilities managers.

Module 3

Virtual Panel Configuration

Duration

~1 hour.

Content

Virtual tour of the menu structure (levels 1, 2 & 3), and how it can be navigated via the on-board controls via the virtual terminal.

The course covers the logging process of devices, testing devices and the faults that may occur during installation and maintenance.

Hands-on demonstration/programming of the following:

3.1 User logon, adding/removing devices, common faults and fault finding, including Lx-Terminal (virtual panel display):

1) User logon
2) Adding/removing/addressing devices (also wireless if requested)
3) Earth faults.

Unit followed by a 10-minute multiple choice test contributing towards the certification scheme.

3.2 Device settings and test modes:

1) Programming via panel facia (text changes, sensitivity etc.)
2) Test mode and LxLogger reporting
   a. Live test demos
   b. Local terminal event log download.

Questions and answers.

Equipment required

None.

Goal

You will learn:

- The basics of panel operation
- Fault finding
- Manually adding/removing devices
- Test procedures
- Test group configuration
- Manual testing
- Device integrity check.

Who is this course suitable for?

Installation, commissioning, maintenance and technical support engineers; facilities managers and trainers.

Module 4

PC-Net Software Configuration

Duration

~1 hour.

Content

This short course covers the PC-NET-003 specific requirements for quick and easy PC configuration. Hands-on demonstration/programming of the following:

4.1 Software overview of menu structure

4.2 Upload/download and text config

4.3 Basic PC configuration

Product overview presentation of configuration software.

A guide to our PC software, including:

  1) Software overview
  2) Configuring PBus, device text and sounder output groups
  3) Upload/download
  4) Design check

Equipment required

Laptop/PC running the latest in Microsoft Windows.

Goal

You will learn the basics of:

• PC software functionality

• Adding removing devices

• Device customisation

• Zone configuration

• Configuring of PBus devices

• Sounder output group programming.

Who is this course suitable for?

Installation and commissioning engineers, service/maintenance, technical support and trainers.
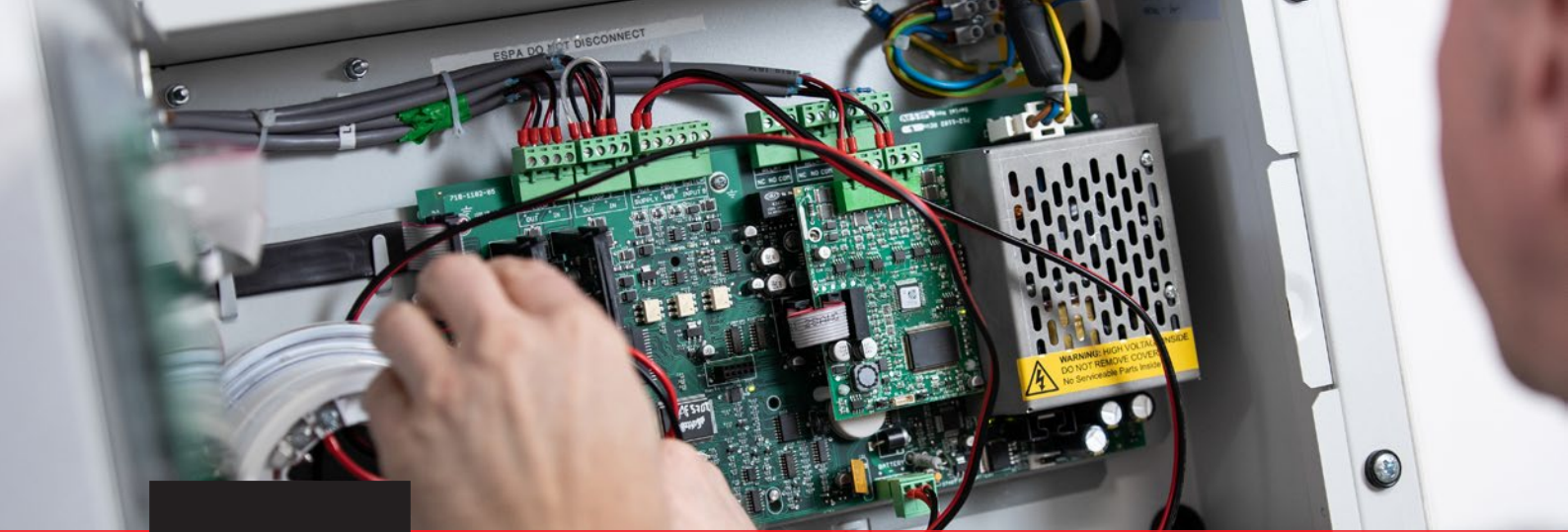
Module 5

Service and Maintenance

Duration

~1 hour.

Content

Service and maintenance are critical elements to providing compliance. This course covers the following:

5.1 Walk test

5.2 Service tool reports and customisation

Virtual tour of menu structure covering the process of testing sounders, evacuation alert areas and generating reports for compliance (using our service tool PC-NET-015).

Equipment required

Laptop/PC running the latest in Microsoft Windows.

Goal

You will learn

- Effective testing of the system

- How to generate reports of maintenance plans or proof of compliance/test

- Provide customised/professional service reports.

Who is this course suitable for?

Commissioning, maintenance, technical support and trainers.

Advanced Customised Courses

Duration

By arrangement.

Content

We can create customised courses on request.
Before requesting a customised training course,
please consider the following:

1) What aspects of the product do you want to cover?
2) Who will be attending the training session?
3) Do any special requirements need to be addressed during the training?
4) Are there any particular programming options that we should focus on in more depth?

Note: a minimum of six participants up to a maximum of 12 must attend a customised course of this type.
If training is to be held off site, a possible charge may be incurred.

Booking

To reserve a place(s) on one of the above courses, please log in to your Advanced360 account or alternatively contact **training@advancedco.com**.

Registration Details

To register for any of our training courses, create or log in to your **Advanced360 account** and go to the Training tab for further details.

Advanced

Email: EvacGo@advancedco.com
Web: www.advancedco.com

@advancedlive

Advanced

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A **Halma** company