



NOTIFIER by Honeywell: Training Prospectus



“Notifier Training Courses – Designed around you”

From courses catering for those new to the fire industry right through to experienced engineers honing their skills, Notifier offer a broad range of training to suit every need. Due to the hands on nature of the courses the majority can only be conducted effectively face to face in our purpose built training facilities. However, we are introducing a growing number of on-line courses designed to provide you with easy access to key information.

Details of our range of courses are available in this brochure for you to review prior to booking. You can easily book face to face courses, review your training history and take on-line modules via our “Learning Management System”. Details of how to access this on-line resource are given on page 12. Scheduled dates for programmes will be loaded onto the Notifier by Honeywell Learning Management System website at the start of each quarter. Where there are no programme dates that meet your requirements, please contact our Training Teams. We will then record your request, log your delegate names and contact you once we have sufficient delegates to run a programme.

Training administration team
If you need further information or assistance please contact our training administration team.

Tel:
01273 897000 (option 3)

Fax:
01273 376894

Email:
training@notifierfiresystems.co.uk

Web:
<http://notifier.hls.server.tracorp.com>





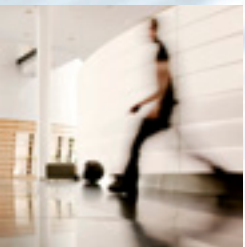
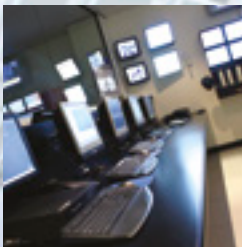
COURSE	PRODUCT AWARENESS
Why Attend?	To become acquainted with Notifier's product line. This course assumes no prior knowledge.
What Content?	This session is a presentation covering the Notifier product range including Non-addressable NFS fire panel, Addressable fire panels ID60/ID2000/ID3000/Pearl and field devices sensors/modules/Opal AV and fire system graphics systems.
Who Benefits?	New starters to your company who may need to undertake work with the Notifier product line such as sales and marketing, project sales, project engineers – indeed anyone who has little on no experience of Notifier equipment.

COURSE	ID60 SERVICE
Why Attend?	Upon course completion engineers are expected to be able to operate panel controls to allow menu interrogation and basic configuration editing. They should also be aware of the functionality of the panel's PCBs, including repeater support. This product is a single loop, non-networked panel supporting 16 fire zones and 16 non-fire zones, and provides for powerful cause and effect capabilities.
What Content?	Following an introductory PowerPoint presentation, students will be given a practical-based session covering walk-testing, isolation and basic configuration via the panel keypad. Repeater connection concepts shall also be covered. An end of day questionnaire is usually included to assist learning reinforcement, and this together with the student's hands-on performance forms the basis of an end of course assessment.
Who Benefits?	Engineers already experienced with the servicing aspect of other analogue intelligent fire panels, and who now require acquaintance with this product. The subsequent course to this is "ID60 COMMISSIONING."

COURSE	ID60 COMMISSIONING
Why Attend?	Following course completion engineers are expected to be able to use the Windows-based offline configuration tool. They should be able to edit a site file and transfer data between panel and PC.
What Content?	Students should bring along a laptop each for this session. Check with us beforehand for the latest position regarding valid operating systems. At the start of 2014, Notifier offline tools required Windows XP, service pack 2+ or Windows 7. Menu screens and features of the configuration tool will be demonstrated, with engineers being able to follow by example and emulation. Finally, a commissioning exercise will be given to provide practice in setting up a site configuration file and down-loading solutions to a panel for checking.
Who Benefits?	Engineers who are computer literate and comfortable in the use of Windows operating systems.



COURSE	PEARL
Why Attend?	PEARL is Notifier's first fire panel to support an extended loop device count of 318 addresses when using OPAL protocol. Further, it supports a USB port for PC connection and Type B alarm confirmation with panel auto-reset.
What Content?	Training content has been designed to allow a dual phase training strategy: an initial e-learning approach, where courses are taken via the Learning Management System (LMS). <ul style="list-style-type: none">● First Fix Options● Loop Protocol and Addressing● Connecting to the Panel● User Controls● Type B Dependency Hands-on classes will build upon this e-learning content and attendees will become accustomed to the panel's menu map, where routine and advanced configuration changes will be explored and practised. The first half of the day concentrates on panel based activities, while the second half focuses on commissioning by use of the PC Configuration tool. Attendees will need to provide their own laptops (XP or Win7).
Who Benefits?	There are two compulsory pre-requisites for attending this course: 1) PC literacy, and 2) Previous attendance on the e-learning modules.



COURSE	ID2000 SERVICE
Why Attend?	Following this course, engineers are expected to be able to operate panel controls to allow basic menu interrogation and configuration editing – and understand the available build options, together with technical awareness of the panel's PCBs
What Content?	PowerPoint presentation covering the panel build and features, along with Notifier field devices and concepts. A practical exercise based on panel operation and servicing (walk-test, isolation, basic configuration etc). An end of day questionnaire is usually included to assist learning reinforcement, and this together with the student's hands-on performance forms the basis of an end of course assessment.
Who Benefits?	Engineers already experienced with the servicing aspects of other intelligent addressable systems, and who now require to be acquainted with the ID2000. The subsequent course to this is: "ID2000 COMMISSIONING"

COURSE	ID2000 COMMISSIONING
Why Attend?	Following this course, engineers are expected to be able to use the ID2000 commissioning tool for both editing a site file and transferring data between the panel and PC.
What Content?	Students should each bring along a laptop for this session. Check with us beforehand for the latest position regarding valid operating systems. At the start of 2014, Notifier offline tools required Windows XP service pack 2+ or Windows 7. Menu screens and features of the configuration tool will be demonstrated, with engineers being able to follow by example and emulation. Finally, a commissioning exercise will be given to provide practice in setting up a site configuration – inclusive of cause and effect requirements.
Who Benefits?	Engineers who are computer literate and comfortable in the use of Windows operating systems; being especially useful to those who have previously attended the ID2000 SERVICE course.

COURSE	ID3000 SERVICE
Why Attend?	Following this course, engineers are expected to be able to operate panel controls to allow basic menu interrogation and configuration editing – and understand the available build options together with technical awareness of the panel's PCBs
What Content?	PowerPoint presentation covering the panel build and features, along with Notifier field devices and concepts. A practical exercise based on panel operation and servicing (walk-test, isolation, basic configuration etc). An end of day questionnaire is usually included to assist learning reinforcement, and this together with the student's hands-on performance forms the basis of an end of course assessment.
Who Benefits?	Engineers already experienced with e servicing aspects of other intelligent addressable systems, and who now require to be acquainted with the ID3000. The subsequent course to this is: "ID3000 COMMISSIONING (WINDOWS)"; See the commissioning course for more details.

COURSE	ID3000 COMMISSIONING
Why Attend?	Following this course, engineers are expected to be able to use the ID3000 commissioning tool for both editing a site file and transferring data between the panel and PC.
What Content?	Students should each bring along a laptop for this session. Menu screens and features of the configuration tool will be demonstrated, with engineers being able to follow by example and emulation. Finally, a commissioning exercise will be given to provide practice in setting up a site file – inclusive of cause and effect requirements. This module is required should you have panel software of versions 4.xx or 5.xx or later.
Who Benefits?	Engineers who are computer literate and comfortable in the use of Windows operating systems, and especially useful to those have previously attended the ID3000 SERVICE COURSE.



COURSE	ID3000 (ID ² NET)
Why Attend?	To introduce the ID3000 peer to peer, fault-tolerant network.
What Content?	PowerPoint presentation illustrating the features of this EN-54 compliant network, which allows, dependent on panel software version, a maximum of 63 panels. Subsequently, attendees will be able to examine the physical network cards, comprehend their installation procedure, and employ the PC-based “diagnostics” tool, in order to test for functionality and to further monitor network health.
Who Benefits?	Those who have previously attended the courses: ID3000 SERVICE and ID3000 COMMISSIONING (WINDOWS). Students must be PC literate.

COURSE	ONYXWorks
Why Attend?	In order to allow migration to the Windows 7 operating system, ONXYWorks will, during 2014, undergo both a soft and hardware upgrade, which will employ Ethernet field communications. Hence, engineers will need to become familiar with the installation and commissioning aspects in this area. A request should be made for the earlier Onyxworks Echelon-based course variant if required, due to pre-existing Windows XP installations.
What Content?	The NION-IP replaces the NION-232B for interfacing between the fire panel and the PC, consequently we will cover the new technical changes between them as well as the following content: – software installation on a training laptop (provided for duration of the course) – importation of sample maps and device icon creation – editing and movement of icons across different map locations – macros and other filters – connection to fire panel (ID3000) – and a commissioning exercise to demonstrate command of learned principles.
Who Benefits?	There are two compulsory pre-requisites for attending this course: 1) PC literacy, and 2) Previous attendance on either an ID2000 or ID3000 course, to at least “service” level. Successful completion of the ONXYWorks course will equip engineers with the knowledge to commission this product on site. However, it is strongly recommended that the course is taken as near as possible to when an expected job is planned. Even successful students will forget “essentials,” if several months elapse from course to on-site work.

COURSE	D1 PAVA
Why Attend?	2 day session providing the requisite knowledge of the D1 public address/voice alarm system, to enable engineers to undertake site maintenance and commissioning tasks. Upon course completion, engineers are expected to be able to comprehend the function the physical hardware, and have the necessary knowledge to enable commissioning using the “D1 Designer” programming tool.
What Content?	Introductory presentation including functional and connection information on the DOM system controller, UIM, VCM, 100v line power amplifiers, and system fault codes. Day 1 concludes with the use of the D1 terminal software to interrogate the system log and calibrate loudspeaker circuit impedance via an Ethernet IP based link. Day 2 is dedicated to the use of the D1 Designer tool which allows a site project file to be established. Attendees will have the opportunity to use and program key assignments on the Digital Call Station to allow control of fire announcements, paging messages and/or music routing. Student project files will be downloaded to the training rack for checks and operation. Students will need to be pc literate and have access to a laptop running Windows XP or 7 and fitted with an Ethernet Adaptor.
Who Benefits?	Technical roles including engineers with or without general voice product experience. Although not compulsory, engineers will gain extra benefit from having prior work experience on a Notifier fire panel.

COURSE	FAAST / FAASTLT
Why Attend?	This new training course will introduce you to aspirating systems, the ease of estimating, installation, commissioning and post sales support provision. The course will enable you to benefit from the performance enhancements and cost effectiveness of the FAAST range.
What Content?	An introduction to the product’s performance characteristics and use of the PipeIQ design tool to enable job estimation; workshop development of design examples and an outline of both pre and post sales support service.A further workshop also covers the installation features of FAAST/FAAST LT, the product’s set-up for loop and standalone versions, including commissioning essentials and hands on use of a demo unit. When it comes to installing your first project you will learn what is available from Notifier regarding onsite supervision and support.
Who Benefits?	Sales and technical sales staff, project designers and estimators – and of course, installation and commissioning engineers.

COURSE	SALES SUPPORT – INTRODUCTION TO NOTIFIER AND PRODUCT APPLICATION
Why Attend?	<p>This course will be delivered by Notifier by Honeywell sales management and will cover the introduction and application of Notifier product and systems. The course will involve class room presentations with question and answer responses at the end of each section.</p> <p>This intensive one day course contains a lot of general and technical information which will provide a good understanding of how Notifier goes to market and the commercial support given to our customers. With continuous assessment throughout, trainers will be able to monitor delegates' progress and offer additional help where necessary to ensure a good understanding.</p>
What Content?	<p>An understanding of the how Notifier by Honeywell goes to market through Engineering System Distributors.</p> <p>An overview of the support we provide your business and allowing your sales teams to be successful in selling the Notifier by Honeywell product range.</p> <p>A product overview including application, features and benefits.</p> <p>An understanding of how Notifier by Honeywell does and can support the individual and your company.</p> <p>The professional image associated with your team that understands your business and the equipment that you work with.</p>
Who Benefits?	<p>Anyone involved in quoting and selling Notifier fire systems.</p>
How to register?	<p>Contact UK Sales Leader, Derek Portsmouth on derek.portsmouth@honeywell.com</p>

E-Learning Modules

PEARL FIRST FIX OPTIONS

This module introduces the hardware related options available to you at the “first fix” stage of the installation timeline, and covers the various back box and mounting possibilities. This session must be taken before attending any classroom based courses.

PEARL CONNECTING TO THE PANEL

This module presents an overview of each of the PCBs which comprise the panel; for example, the base, PSU, CPU, communication and network cards. Further, you will learn which field connections they support. This session must be taken before attending any classroom based courses.

PEARL LOOP PROTOCOL AND ADDRESSING

This course presents an outline of matters relating to extended address range, use of OPAL and CLIP devices on common loop, and loop properties. This session must be taken before attending any classroom based courses.

PEARL USER CONTROLS

You will be shown the Pearl panel’s user interface, to aid understanding of which panel controls are available, their function, and which should be used to manage various events. This course must be taken prior to attending any classroom based course.

PEARL TYPE B DEPENDENCY

Pearl offers the ability to programme Type B Dependency by zone. Once configured this allows the panel to auto-reset after a timeout should an alarm remain unconfirmed – of particular use in HMOs such as sheltered accommodation and blocks of flats. This module discusses how the feature may be set by way of the panel menus and PC programming tool.

SMART DETECTION

This module reveals to you the range of SMART sensors available from NOTIFIER; explores the constituents embodied by various fire types; and discusses which SMART sensor is best suited to offer appropriate sensitivity and false alarm immunity throughout a range of scenarios.

ID3000: CUSTOM TONES

This e-learning module covers the use and benefits of custom tones. These cause and effect driven tones override the hardware settings of loop powered sounders.

REMOTE LED CAUSE AND EFFECT

This module discusses “Remote LED” operation when driven by the fire panel’s cause and effect strategy.

This feature is available as part of the OPAL ENABLERS release for the ID3000 and ID50/60. Further information is also given relating to the necessary panel software versions that support this function and enhancements relating to mixed protocol loops.

How to book

The Notifier Learning Management System (LMS) web site

We have developed an on-line system to enable you to book your courses, view your training records and take on-line training courses. Below is quick user guide for getting access to and making the most of the LMS system. Should you have any questions our training administration team would be pleased to help.

Getting Started

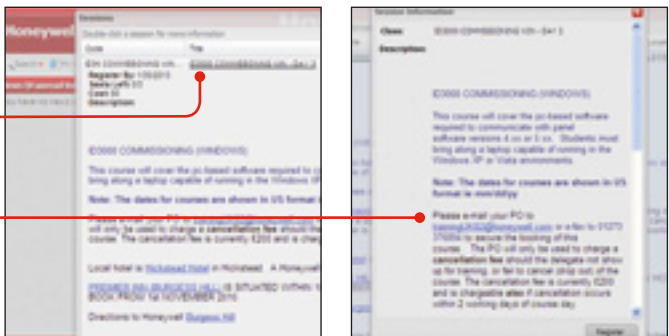
If you're new to the system please email our training administration team who will set you up with access to the system, training@notifierfiresystems.co.uk

- 1 **Log on to Learning Management System (LMS) -**
<http://notifier.hls.server.tracorp.com> Enter your username and password supplied by our training admin team.
- 2 **View Training Schedules & Book Courses**
Click on Notifier tab to view course details, dates and book courses, double click on selected course title



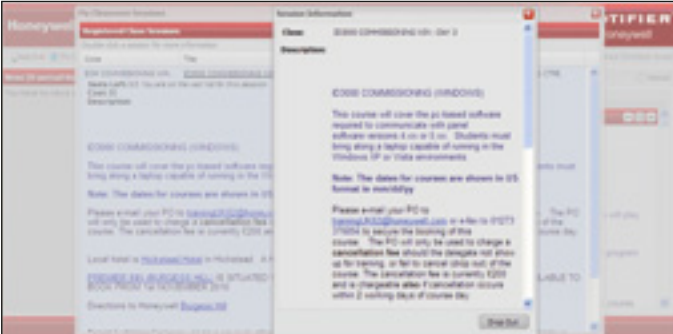
Click on “Here” button at the bottom of course details to view available dates and places available

- 3 **Click on underlined course heading** to book selected course and date and click the register button



Once you've registered for the course a confirmation email will be sent from LMS to the email address supplied by you when you registered. Once you have received confirmation email submit a PO to secure your place. This will be used to secure your place and destroyed unless you fail to attend the course.

- 3 **Cancel Places Booked on Training Courses**
If you need to drop out of a booked course **click on “My Content” tab** and select “**My Classroom Sessions**” double click on course heading you want to drop out of and then click on “Drop Out” button you will then receive and email letting you know that you have cancelled your place on selected course.



- 4 **Online Training Modules**
Click on Notifier tab and select online course click on title and course will launch automatically



- 5 **View your training records and Course Certificates**
Click on “My Account” tab and select Certificates



Notifier training is free for all ESDs

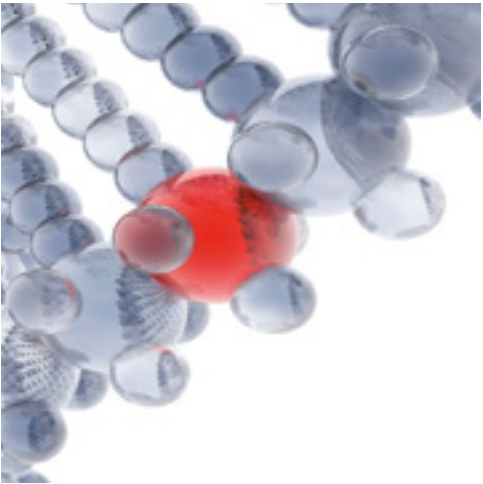
Delegate Cancellation Costs

Notifier by Honeywell reserves the right to charge a fee of £200 per delegate for cancellations that take place less than two working days before the course commencement date. In the event that a delegate fails to attend on the day of training, the same charges will be levied. No charge will be made where the ESD is able to offer an appropriate replacement delegate for the person who is not attending. Notifier by Honeywell reserves the right to cancel any programmes that do not have sufficient delegate numbers. In these instances, alternative dates will be offered at the time of cancellation.

Training Courses away from the Notifier Training Site

Notifier by Honeywell will on occasions provide the resource to undertake training away from our training facilities. Due to the practical ‘hands on’ nature of some of the courses, it will not be expected to replicate them all, in particular the commissioning and maintenance courses. The ESD should discuss their requirements with their Notifier Business Manager, who will then discuss the viability of meeting this request with the Training Manager, before any provision is made.

All costs associated with training outside of Notifier training sites including travel expenses, training costs and hotel accommodation, will be met by the ESD. Cancellation of off-site training at anytime will automatically lead to any set-up costs incurred by Notifier by Honeywell being passed on to the ESD.





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