

# Bosch Security Academy ZA

*FPA-5000 Fire Panel Training Course*



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## 1. Training Schedule for all Modules

### MODULE

#### **FIRE-01**

**FPA-5000 Product Introduction & System Design Software**                      **1 Day**

#### **FIRE-02**

**FPA-5000 Panel Assembly & Basic Panel Programming**                      **2 Days**

#### **FIRE-03**

**FPA-5000 Advanced Systems Programming Basic Networking**                      **2 Days**

#### **FIRE-04**

**FPA-5000 Advanced Networking and Graphics**                      **2 Days**

See the Bosch training website for the scheduled training dates for the course you wish to attend

[http://www.boschsecurity.co.za/content/language1/downloads/Bosch\\_Training\\_Academy\\_2011.pdf](http://www.boschsecurity.co.za/content/language1/downloads/Bosch_Training_Academy_2011.pdf)

## 2. Training schedule for FIRE-01

### FIRE-01

**Overview: Bosch Fire systems; FPA-5000 panel; Product Introduction & System Design Software**

<b>Content</b>	Overview product portfolio Bosch ST Fire LSN Basics (including the importance of proper wiring) Peripherals more in detail (detectors, MCP, indicating devices) FPA-5000 Product Introduction and overview Fire System Designer (FSD)
<b>Prerequisites</b>	Basic knowledge of Fire detection Systems
<b>Target Audience</b>	Project engineers, Installers, Sales support
<b>Purpose</b>	This module will focus on the FPA-5000 panel, Modules & Fire System Designer
<b>No. of participants</b>	Min. – 2      Max. - 8
<b>Instructor</b>	Vivian Hawkins
<b>Duration</b>	1 Day
<b>Dates</b>	Refer to Training Planner on web site for course dates - see link page 3
<b>Location</b>	Bosch Security Training room: Midrand
<b>Cost</b>	

**Remarks - Required to bring with you**

**Laptop with minimum Windows XP Pro + SP3 or Windows 7 Pro only also USB-A to USB-B cable (printer)**

**Note - No other Windows software is recommended**

### 3. Training schedule for FIRE-02

#### FIRE-02

##### Overview: Bosch Fire systems

##### FPA-5000 panel: Panel Assembly & Basic Panel Programming

<b>Content</b>	Assembly of the FPA-5000 Panel Panel Controller Modules & Peripherals Introduction to RPS Theory, stand alone Panel Programming (with a Practical Exercise)
<b>Prerequisites</b>	Must have completed FIRE-01
<b>Target Audience</b>	Project engineers, Installers, Technical support
<b>Purpose</b>	This module will focus on the FPA-5000 Panel Assembly and Programming requirements for a basic installation
<b>No. of participants</b>	Min. - 2      Max. - 8
<b>Instructor</b>	Vivian Hawkins
<b>Duration</b>	2 Days
<b>Dates</b>	Refer to Training Planner on web site for course dates – see link page 3
<b>Location</b>	Bosch Security Training room: Midrand
<b>Cost</b>	
<b>Remarks - Required to bring with you</b>	

**Laptop with minimum Windows XP Pro + SP3 or Windows 7 Pro only also USB-A to USB-B cable (printer)**

**Note - No other Windows software is recommended**

## 4. Training schedule for FIRE-03

### FIRE-03

**Overview: work covered Bosch Fire systems**

**FPA-5000 panel: Advanced Logic Programming**

**Introduction to L-Plan software**

**Content**

Advanced Logic Programming & Interpretation of system requirements  
 Event Triggered Rules  
 State Dependent Rules  
 Sets & Status Groups  
 Introduction to L-plan software

**Prerequisites**

Should have completed FIRE-02 & obtained sufficient field experience on stand alone systems

**Target Audience**

Project engineers, Installers, Technical support

**Purpose**

This module will focus on the FPA-5000 Logic Programming and associated Rules & Implementation for the RPS Software for multi-panel systems  
 L-Plan Software: PDF printable representation of the panel topology

**No. of participants**

By consultation

**Instructor**

Vivian Hawkins

**Duration**

2 Day

**Dates**

Refer to Training Planner on web site for course dates – see link page 3

**Location**

Bosch Security Training room: Midrand

**Cost**

**Remarks - Required to bring with you**

**Laptop with minimum Windows XP Pro + SP3 or Windows 7 Pro only also USB-A to USB-B cable (printer)**

**Note - No other Windows software is recommended**

## 5. Training schedule for FIRE-04

### FIRE-04

#### Overview: Bosch Fire systems

#### FPA-5000 panel: Networking & the Bosch Graphic's Interface Software

<b>Content</b>	Networking Topology Loop vs. BUS Structures OPC Licensing & rules FPA-5000 RPS network Programming FSM-2000 Graphic Interface Software Practical networking Exercise
<b>Prerequisites</b>	Should have attended FIRE-03 & then obtained sufficient field experience
<b>Target Audience</b>	Project engineers, Installers, Technical support
<b>Purpose</b>	This module will focus on the FPA-5000 networking topology and how it Links into a Graphic's system and the programming of the RPS Software. Introduction to the FSM2000 or BIS Graphic Software
<b>No. of participants</b>	By Consultation
<b>Instructor</b>	Vivian Hawkins
<b>Duration</b>	2 Days
<b>Dates</b>	Refer to Training Planner on web site for course dates
<b>Location</b>	Bosch Security Training room: Midrand
<b>Cost</b>	
<b>Remarks - Required to bring with you</b>	

**Laptop with minimum Windows XP Pro + SP3 or Windows 7 Pro only also USB-A to USB-B cable (printer)**

**Note - No other Windows software is recommended**

## 6. Training Regulations

### Regulations

In order to enable the organization of courses in a timely and efficient way, the following regulations will apply:

- Course reservations will only be accepted by mail, E-mail or Fax
- An authorized person must undersign the application form
- Application forms must reach our offices not later than 2 weeks prior to the start Date of the course that you wish to attend
- Bosch Security Systems reserves the right to cancel a course in the event of insufficient enrolment for the course
- The receipt of an application form will be confirmed by fax or E-mail as soon as possible – each attendee will be notified not later than one week prior to the start of the course advising them of the time and place to report to
- Cancellation for the enrolment for a course will only be accepted if received by mail, E-mail or fax at least 10 working days prior to the start date of the course. Late cancellations will not be refunded, failure to attend the course will also result in payment not being refunded
- We will accept a substitute attendee for the course as long as they meet the Requirements set out for that particular course that you have enrolled for
- Training hours are from 9am to 4pm as per the day scheduled
  - First session                      09.00 – 10.30 – Tea break
  - Second session                    10.45 – 12.30 – Lunch break
  - Third session                      13.00 – 14.30 – Tea break
  - Forth session                      14.45 – 16.00

## 7. Booking Procedure

The FPA-5000 Fire Panel Training booking procedure is defined as follows

### Procedure

Attendee's should always officially enroll themselves

All inquiries about the training courses should be addressed to:

Bosch Security Services  
Attn. Mr. Vivian Hawkins  
Private Bag X118  
Midrand 1685  
South Africa  
Tel: +27 11 651 9877  
Fax: +27 11 651 7811  
Email: <mailto:vivian.hawkins@za.bosch.com>

### Evaluation

Each course is ended by a formal evaluation of the content and the learning aspects. Attendee's can also add their personal comments to the course

### Certificate

All FPA-5000 Fire Panel training courses incorporate tests or tasks to be completed by the person attending, and upon successful completion on any or all courses, a Bosch Security Systems Certificate will be awarded

## 8. Training Application Form

### Bosch Security Systems FPA-5000 Fire Panel Training Application Form

First Name:  Surname:   
 Company:   
 Department:  Department No:   
 Address:   
  
 Telephone  Fax  E-mail

#### TRAINING COURSES

Name of course Training	Date requested
FIRE-01 – FPA-5000 Introduction & Design	<input type="text"/>
FIRE-02 – FPA-5000 Basic Assembly & Program.	<input type="text"/>
FIRE-03 – FPA-5000 Advanced Logic Program.	<input type="text"/>
FIRE-04 – Panel Networking & Graphics	<input type="text"/>
Comments	<input type="text"/>
Bosch Courses Attended	<input type="text"/>

The undersigned herewith request the above mentioned applicant (attendee) to be enrolled on the Above mentioned course(s) and agree to the terms stated in the Booking Procedure and Regulations

Name   
 Sign   
 Date

**Note - One form to be completed for each attendee**

## 9. Map

Physical Address: 96 - 15th Road Randjiespark Midrand 1685



**Pharmaceutical Road becomes 15<sup>th</sup>**

### Banking details

Currency: RAND

Bank: STANDARD BANK, MIDRAND

Branch Code: 001155

Account Number: 202453405

Account Name: Bosch Security Systems