

Bosch Security Academy  
CCTV Training Course Catalog 2012



**BOSCH**

Invented for life

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## 2. Training Planner 2012

2012	Monday	Tuesday	Wednesday	Thursday	Friday
	CCTV 01	CCTV 02	CCTV 03	VRM	BVMS
February	6	7	8	9	10
March	12	13	14	15	16
April				12	13
May	14	15	16	17	18
June	11	12	13	14	15
July	23	24	25	12/26	13/27
August	13	14	15	16	17
September	10	11	12	13	14
October	22	23	24	11/25	12/26
November	12	13	14	15	16

### 3. Training Schedule 2012

#### CCTV 01

##### Introduction : Bosch Security Systems

#### Content

- Introduction to Bosch Advantage Line product portfolio
- Introduction to different Bosch camera models
- Introduction to the new Bosch series domes
- Introduction to Bosch matrix models (Compact and Modular)
- Introduction to monitors (LCD & LED)
- Introduction to transmission (Fiber & UTP)

#### Prerequisites

Basic CCTV knowledge

#### Target Audience

Sales & Support

#### Purpose

This training provides a basic understanding of the BVIP portfolio. After attending this training the participants have a basic knowledge of the features and possibilities of BVIP devices, recording possibilities and how to configure the BVIP devices.

#### No. of participants

Min. 2      Max. 8

#### Instructor

Mansoer Abader

#### Duration

1 Day

#### Location

Bosch Security System, Training Room, 15th Road Randjiespark Midrand 1685

#### Costs

For participants from Bosch Accredited Dealers the course will be FOC. For other participants the course fee per participant will be R1530.00 per day. (excl.VAT)

#### Remarks

CCTV 01 training is part of Certified training level 1

## CCTV 02

**Technical : Bosch HD****Content**

- Installing & set-up Bosch HD / MP Fixed Cameras
- Installing & set-up Bosch HD Cameras, PTZ
- Installing & set-up Bosch Cameras, License Plate
- Installing & set-up Bosch Cameras, Mini Dome
- Installing & set-up Bosch Encoders/Decoders

**Prerequisites**

CCTV 01 &amp; basic network knowledge

**Target audience**

Technical Sales, Product Support Engineers, Project Engineers

**Purpose**

This module will focus mainly on the set-up of camera's and functionality.

**No. of participants**

Min. 2      max. 8

**Instructor**

Mansoer Abader

**Duration**

1 Day

**Location**

Bosch Security System, Training Room, 15th Road Randjiespark Midrand 1685

**Costs**

For participants from Bosch Accredited Dealers the course will be FOC. For other participants the course fee per participant will be R1530.00 per day. (excl.VAT)

**Remarks**

CCTV 02 training is part of Certified training level 1

## CCTV 03

**Technical : Bosch Recording & Storage****Content**

- Installing & set-up Digital Recording and Storage
- Installing & set-up Hybrid Video Recorders
- Installing & set-up Disk Arrays (Network Attached)
- Installing & set-up Bosch Recording Station
- Installing & set-up Bosch Video Client
- Set-up & configure IVA

**Prerequisites** CCTV 01, CCTV 02 & basic knowledge of Bosch VIP product range. Basic understanding of IP networking fundamentals.

**Target audience** Project Managers, Project Engineers, Project Installers, Sales Support Engineers, IT Specialists.

**Purpose** This training will familiarize you with the basic concept of Bosch Recording Solutions. You will learn to configure and install all fundamentals elements of Bosch Recording and how to operate the systems.

**No. of participants** Min. 2      max. 8

**Instructor** Mansoer Abader

**Duration** 1 Day

**Location** Bosch Security System, Training Room, 15th Road Randjiespark Midrand 1685

**Costs** For participants from Bosch Accredited Dealers the course will be FOC. For other participants the course fee per participant will be R1530.00 per day. (excl.VAT)

**Remarks** CCTV 03 training is part of Certified training level 1

## VRM

**VRM - Video Recording Manager****Content**

- Introduction to Bosch Archive types principles of Video Archiving
- Overview of iSCSI arrays
- Configuration of iSCSI arrays
- Direct iSCSI recording of BVIP encoders
- Principals of Video Recording Manager (VRM)
- Network design principals and load balancing
- Trouble shooting / Analyzing

**Prerequisites**

CCTV 01, CCTV 02, CCTV 03, advanced knowledge of BVIP devices, applications & IP networks.

**Target Audience**

Sales Support Engineers only.

**Purpose**

You will learn: the principals of iSCSI archives, Infortrend and NetApp; the various RAID principles; how to configure and archive; how to setup iSCSI recordings; how to calculate storage; how to setup and configure a VRM server; how to design a network setup; some basic troubleshooting.

**No. of participants**

Min. 2      Max. 8

**Instructor**

Mansoer Abader

**Duration**

1 Day

**Location**

Bosch Security System, Training Room, 15th Road Randjiespark Midrand 1685

**Costs**

For participants from Bosch Accredited Dealers the course will be FOC. For other participants the course fee per participant will be R1530.00 per day. (excl.VAT)

## BVMS - Bosch Video Management System

<b>Content</b>	<ul style="list-style-type: none"> <li>▪ Complete overview of BVMS components, configuration client, operator client</li> <li>▪ Basic recording principals: VRM and NVR</li> <li>▪ Installation, configuration and operation of a Bosch VMS system</li> <li>▪ Basic configuration of storage arrays; iSCSI or SCSI</li> <li>▪ Allegiant integration and Dibos integration</li> <li>▪ Event and alarm handling</li> <li>▪ Practical hands-on</li> <li>▪ Basic BVMS Project Design:             <ul style="list-style-type: none"> <li>- System requirements</li> <li>- Network design regulations</li> <li>- Firewall settings</li> </ul> </li> <li>• Troubleshooting:             <ul style="list-style-type: none"> <li>- NVR/VRM Handling</li> <li>- Replacement of defect equipment</li> <li>- Time Synchronization</li> <li>- Databases</li> <li>- SNMP setup</li> </ul> </li> </ul>
<b>Prerequisites</b>	CCTV 01, CCTV 02, CCTV 03, VRM, basic knowledge of Bosch VIP product range, Dibos & Allegiant matrix switchers, basic understanding of IP networking fundamentals.
<b>Target audience</b>	Project Managers, Project Engineers, Project Installers, Sales Support Engineers, IT Specialists.
<b>Purpose</b>	This training will familiarize you with the basic concept of Bosch Video Management. You will learn to configure and install all fundamentals elements of BVMS and how to operate the systems. After this course, a link will be emailed to you for an online test exam. Once this test is successfully passed, a BVMS accreditation certificate and number will be provided to you by the trainer.
<b>No. of participants</b>	Min. 2      Max. 8
<b>Instructor</b>	Mansoor Abader
<b>Duration</b>	1 Day
<b>Location</b>	Bosch Security System, Training Room, 15th Road Randjiespark Midrand 1685
<b>Costs</b>	For participants from Bosch Accredited Dealers the course will be FOC. For other participants the course fee per participant will be R1530.00 per day. (excl.VAT)

## 5. Training Regulations

### Regulations

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

- Course reservations & bookings are accepted only via e-mail or fax.
- An authorized person must undersign the application forms.
- Application forms should be sent in at least 2 weeks prior to the actual course.
- Bosch Security Systems has the right to cancel a course in the case of insufficient enrolments.
- The receipt of an application form will be confirmed as soon as possible. Each participant will receive a final confirmation not later than one week before the start of the course, specifying place and time.
- Enrolment to a course can be cancelled by a participant up to 10 working days prior to the actual course. Should cancellations take place within 10 Days of the course, the full course fee will be charged. Should no cancellation take place or no-shows, the full amount will be invoiced.
- It will be allowed to send a substitute participant to attend the course, should the actual booked person not be able to attend. Please make alternative arrangements directly with the trainer should you need to change details.

## 6. Booking Procedure

The Commercial and Technical Training booking procedures are defined as follows.

### a. Procedure

- Participants should always officially enroll themselves.
- Inquiries about the course can be addressed to the person mentioned below.
- Application & enrolment forms can be downloaded from our website.

**Enrolment address:** Bosch Security Systems  
Attention : Mr. Mansoer Abader  
Private Bag X118,  
Midrand 1685  
South Africa  
Tel: +27 11 651 9645  
Fax: +27 11 651 7811  
Email : Mansoer.Abader@za.bosch.com

### b. Evaluation

Each course will close with a formal evaluation of the content and the learning aspects. Participants can also add their personal comments to a course.

### c. Certificate

All technical courses incorporate a test for participants and upon successful completion of a course, a Bosch Security Systems-Certificate is awarded.

## 6. Training Application Form

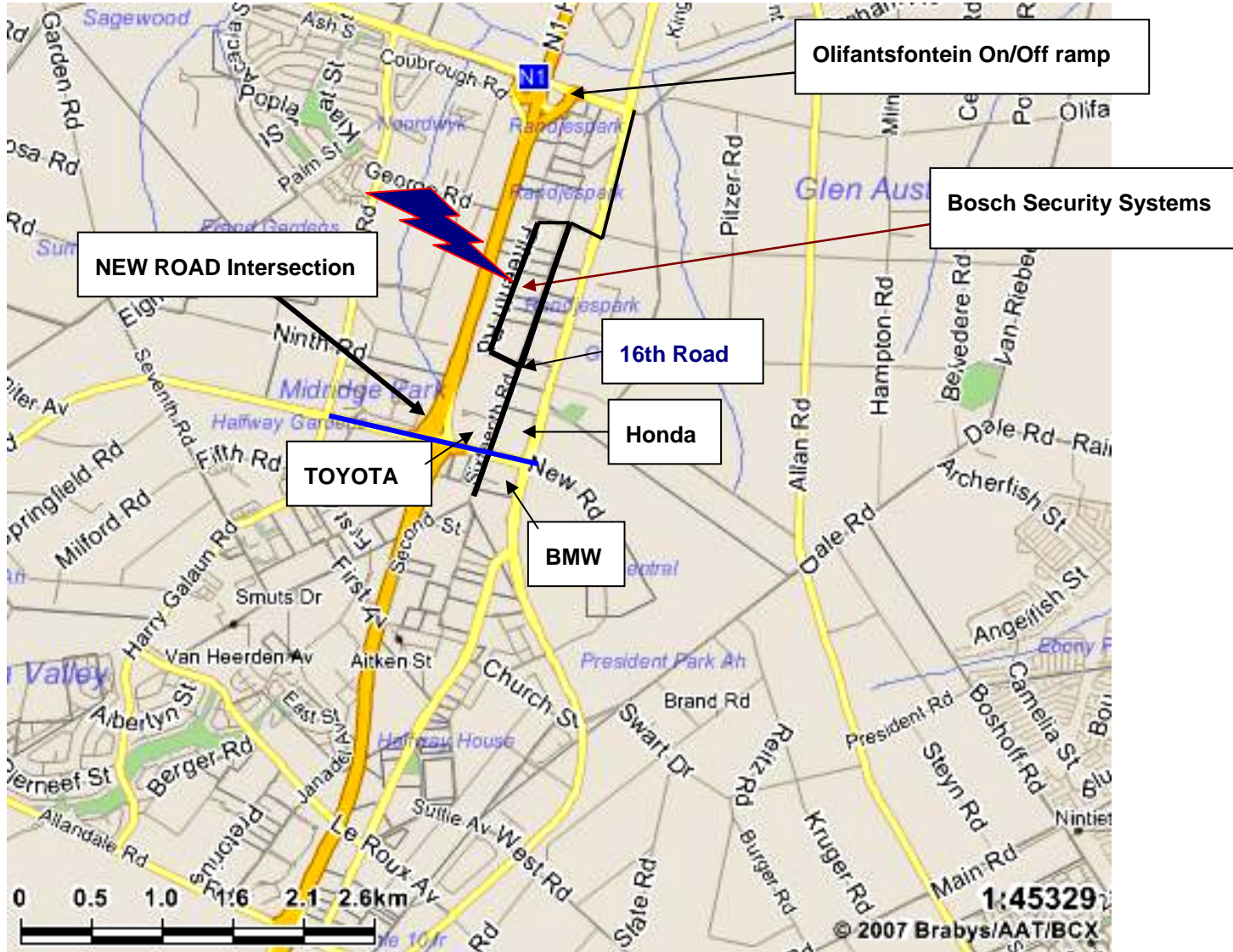
### Bosch Security Systems CCTV Application Form

To be faxed to: +27 11 651 7811

Mansoer.Abader@za.bosch.com

Surname:		First Name:	
Date of Birth:		Company:	
Department:		Department No.:	
Address:			
Tel.no.:	Fax no.:	E-mail:	
<b>Hotel Information</b>			
Hotel reservation required?		Yes/No	
Hotel required for (Date):		First Night:	Last Night:
<b>Courses Required</b>			
Name of the course:			
Date:			
Bosch courses already completed.			
Short description of relevant experience.			
The undersigned herewith requests the above applicant to be enrolled on the mentioned course(s) and agrees with the terms stated in the Booking Procedure and Regulations.			
Name:			Date:

## 7. Map & Banking Details



Banking Details	
Currency:	RAND
Bank:	STANDARD BANK, MIDRAND
Branch Code:	001155
Account Number:	202453405
Account Name:	Bosch Security Systems