

Bosch Security Academy  
CCTV Training Course Catalog  
1<sup>st</sup> half 2012



**BOSCH**

Invented for life



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## 2. Training Planner CCTV 1<sup>st</sup> half 2012

		January	February	March	April	May	June
BVMS + BVMS design CCTV1	2,5 days*	16-18		12-14		21-23	
BVMS Integration CCTV2	2,5 days**	18-20		14-16		23-25	
Advanced CCTV Recording Solutions CCTV3	2 days		14-15		17-18		12-13
VideoSDK version 5.X HD CCTV4	2 days			7-8			5-6
RCP+SDK version 4.X CCTV5	1 day			9			7
Allegiant LTC8100 up to 8800 CCTV6	5 days			19-23			
Comprehensive Camera Training CCTV7	3 days	24-26			3-5		
Bosch Video solutions Sales training CCTV8	3 days		8-10		25-27		

\* Training will end after Lunch at 13.00 hours

\*\*Training will start with lunch at 12.30 hours



### 3. Training schedule CCTV 1<sup>st</sup> half 2012

#### CCTV1

##### Bosch Video Management System + BVMS Design

#### Content

- Complete overview of BVMS components; Configuration client, Operator client
- Basic VRM recording principals
- Installation, configuration and operation of a Bosch VMS system
- Basic configuration of iSCSI storage arrays
- Event and alarm handling
- Practical hands-on
- Troubleshooting:
  - Replacement of defect equipment
  - Time Synchronisation
  - Configuration files
  - SNMP setup
- Design:
  - Complete specification of Bosch equipment necessary to build a BVMS CCTV installation
  - Calculate storage based on VRM recording, iSCSI sessions, network bandwidth.

Specify the necessary IP camera/encoder and de coder types.

System requirements

Network design regulations

#### Prerequisites

Basic knowledge of Bosch VIP product range.

Basic understanding of IP networking fundamentals.

#### Target audience

This training is meant for project managers, project engineers and project-installers, sales support engineers and IT persons.

#### Purpose

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. Design: to make a good advise/specification of a BVMS installation based on the customer requirements.

#### No. of participants

min. 2      max. 8

#### Instructor

Marcel Soer

#### Duration

2,5 days

Monday 09.00 hrs until Wednesday 13.00 hrs.



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<b>Dates</b>	16-18 January 2012	12-14 March 2012	21-23 May 2012
<b>Location</b>	Bosch Security Systems, Training room, Building SX3, Glaslaan 2, Eindhoven		
<b>Costs</b>	For participants from any Bosch organization the course fees will be waived. The course fee for each participant is € 150 per day		

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**CCTV3**
**Advanced CCTV Recording Solutions**
**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**

Advanced knowledge of BVIP devices  
 Knowledge of BVIP applications and IP networks

**Target Audience**

This training is meant for NSO Sales support engineers and Bosch CCTV installers.

**Purpose**

You will learn: the principals of iSCSI archives, DLA 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**

Marcel Soer

**Duration**

2 Days

**Dates**

14-15 February 2012                      17-18 April 2012                      23-25 May 2012

**Location**

Bosch Security Systems, Training room, Building SX3, Glaslaan 2, Eindhoven,  
 The Netherlands

**Costs**

For participants from any Bosch organization the course fees will be waived.  
 The course fee for each participant is € 150 per day






**CCTV6**
**Allegiant series LTC 8100 up to LTC 8800 with Master Control Software, Graphical User Interface and CCL Programming**

<b>Content</b>	<ul style="list-style-type: none"> <li>▪ Total overview of the Allegiant product range including Integration Server</li> <li>▪ Setup and operation of the equipment</li> <li>▪ Cases for customizing the matrix system</li> <li>▪ Practical hands-on</li> </ul>
<b>Prerequisites</b>	To participate this training you should have basic knowledge of CCTV.
<b>Target Audience</b>	For Sales and Sales support people
<b>Purpose</b>	<p>To build up knowledge of the Allegiant Matrix Systems components and its possibilities, the second day a system will be build up in the training room for practical experience.</p> <p>Together with the software parts this 5 days package will teach you how to use and customize this matrix system in stand alone and satellite configuration and how to customize the system with help of the software packages.</p>
<b>No. of participants</b>	min. 2      max. 10
<b>Instructor</b>	Paul Camp
<b>Duration</b>	5 Days
<b>Date</b>	19 – 23 March 2012
<b>Location</b>	Bosch Security Systems, Training room Building SX3, Glaslaan 2, Eindhoven, The Netherlands
<b>Costs</b>	<p>For participants from any Bosch organization the course fees will be waived.</p> <p>The course fee for each participant is € 150 per day</p>


**CCTV7**
**Comprehensive Camera training**
**Content**

- Basic knowledge about CCTV in general
- Fixed Cameras range ( Dinion\_FleXidomes\_ EX \_ WZ )
- Moveable camera range ( Modular AutoDome\_Mic Series\_HSPS\_GVS1000 )
- IR illuminators Extreme Products
- ANPR **A**utomatic **N**umber **P**late **R**ecognition

**Prerequisites**

None

**Target Audience**

This part is suitable for technical-sales persons , product support engineers and project engineers

**Purpose**

This training provides a basic understanding of CCTV. After attending this training the participants have a knowledge about: the features and possibilities of Bosch cameras and IR illumination and ANPR as well.

**No. of participants**

min. 2      max. 8

**Instructor**

Jan Loy

**Duration**

3 Days

**Location**

Bosch Security System, Training room Building SX3, Eindhoven

**Dates**

24-26 January 2012

3-5 April 2012

**Costs**

For participants from any Bosch organization the course fees will be waived.  
The course fee for each participant is € 150 per day.

**Remarks**

None



## 4. Training Regulations

### Regulations

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

- Course reservations are accepted only by mail, E-mail or fax.
- An authorized person must undersign application forms.
- Application forms should be sent in at least 2 weeks prior to the course start.
- 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 before the start of the course. Later cancellations are charged with the full course fee.  
If no cancellation is indicated and a participant does not show up, the full amount of the course will be charged.
- It is always allowed to send a substitute participant to the course; no further charges will be made in that case.



## 5. 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.

An application form for enrolment in the required course can be found – on Extranet - separately.

**Enrolment address:** Bosch Security Systems  
Attn. Mrs. Belinda Mobach  
Building SX130  
P.O. Box 80002, 5600 JB Eindhoven  
The Netherlands  
Tel: +31 40 2577110  
Fax: +31 40 2577119

**Email: [belinda.mobach@nl.bosch.com](mailto:belinda.mobach@nl.bosch.com)**

### b. Evaluation

Each course is ended by 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: +31- 40-2577119

e-mail: [belinda.mobach@nl.bosch.com](mailto:belinda.mobach@nl.bosch.com)

Surname:		First Name:	
Date of Birth:	Company:		
<b>Department:</b>  <b>(Bosch only)</b>		Department No.:	
Address:			
Tel.no.:	Fax no.:	E-mail:	
<b>Hotel Information</b>			
Hotel reservation required?	Yes/No		
Hotel required for <b>(Date):</b>	First Night:	Last Night:	
<b>Courses Required</b>			
Name of the course:  <b>Date:</b>			
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:	