

# Bosch Security Systems **Product Training**

Delivered by **ASG Integracom**  
**February – July 2016**



**BOSCH**

Invented for life



ASG

**Integracom**

## A Training Partnership.

Providing comprehensive security product training.



With a continued drive towards customer service excellence, Bosch Security Systems is pleased to present our partnership with ASG Integracom, who deliver high end and relevant technical training to the Telecommunications, MATV and Electronic Security Industries. ASG Integracom (RTO 20749) provide national custom training courses on behalf of Bosch for alarm and video systems.

### Why train with ASG Integracom

ASG Integracom is one of the largest private training providers focused in the Telecommunications and Electronic Security industry. They operate dedicated training facilities nationally throughout Australia and maintain a close working relationship with ASIAL to ensure they have a part in any future developments that affect training and traineeships.

ASG Integracom trainers are available for mentoring and guidance at all times to help students not only pass their assessments but to help them understand and gain the underpinning knowledge that is essential in today's technical environment. They also run courses in the evening to facilitate technicians who are unable to take time out from work.

### Training Facilities

ASG Integracom's technical training rooms are purpose built to facilitate many areas of technical training. Each facility is fully equipped with the latest tools and testing equipment.

ASG Integracom have invested heavily in state-of-the-art infrastructure and training equipment, ensuring students are always learning using up-to-date, industry recognised equipment. They call this Next Generation Training (NGT). All their instructors are either working in their respective industries or are part of working groups within those industries. ASG Integracom's IT Training Rooms are also used to deliver the IP Networking Courses, utilising a full Giga-Bit high speed network.



# Bosch Solution 2000/3000 alarm panel

This training course is the Bosch endorsed training program for the Solution 2000 & 3000 Intrusion Alarm panels. The course covers the features, functionality and programming of the alarm panels.

The primary outcome of the course is to enable a technician to install and maintain a Bosch Solution 2000/3000 alarm panel.



## Course Content

This course covers the features, functionality and programming of the Bosch Solution 2000 & 3000 alarm panels. This course DOES NOT cover basic intruder detection installation and participants must possess a knowledge of security system installations before they attend.

## Assessments include:

There is no formal assessment for this course. Participants will be required to program a Solution 3000 panel in a variety of commands.

## Course Delivery

The course is a four hour course offered in one of two timeslots:

**Day - 8:00 am - 12:00 pm**

**Evening - 5:00 pm - 9:00 pm**

## Certification

This is a vendor endorsed course only and is not aligned to a nationally recognised unit of competency. On successful completion of this course the student will be awarded a Statement of Attendance for "Bosch Solution 2000 & 3000 Intrusion Alarm Training".

## Course cost

**Cost \$150 including GST**

## Pre-requisites

This course is for participants who have a knowledge of basic intruder detection system installation. It is not suitable for new entrants to the technical security industry. ASG Integracom offers other training courses for new entrants including Alarm Installation, CCTV and Certificate III in Telecommunications for Security Technicians.

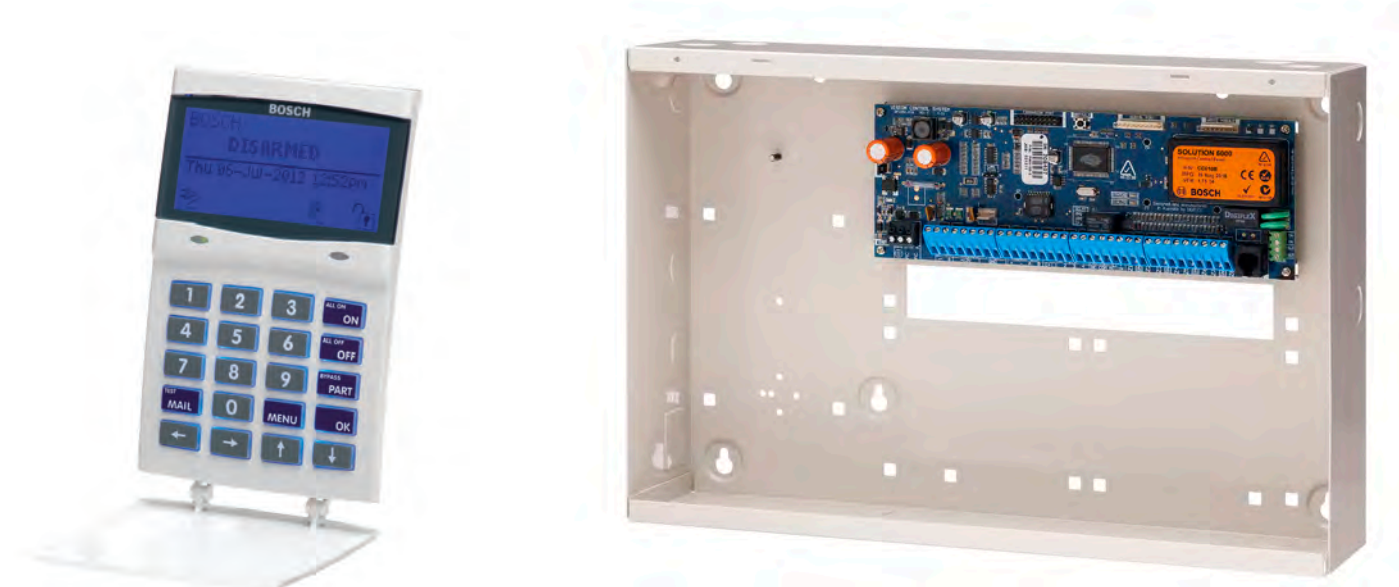
## Security Licensing

Security licences may apply to technicians installing, maintaining or repairing security equipment. This is regulated independently by each state. Refer to the following for more information:

- ACT:** Office of Regulatory Services,
- NSW:** Security Industry Registry (NSW Police),
- QLD:** Office of Fair Trading,
- SA:** Office of Consumer and Business Affairs,
- TAS:** Consumer Affairs and Fair Trading,
- VIC:** Licensing Services Division (VIC Police),
- WA:** Commercial Agents (WA Police)

# Bosch Solution 6000 Intrusion Alarm Panel

This training course is the Bosch endorsed training program for the Solution 6000 Intrusion Alarm panel. The course covers the features, functionality and programming of the alarm panels.



## Key Components of the course are:

- ▶ Programming via the LCD Keypad
- ▶ Programming via the Solution Link Software
- ▶ Access Control Integration

The primary outcome of the course is to enable a technician to install and maintain a Bosch Solution 6000 alarm panel.

## Course Content

This course covers the features, functionality and programming of the Bosch Solution 6000 alarm panels. This course DOES NOT cover basic intruder detection installation and participants must possess a knowledge of security system installations before they attend.

## Assessments include:

There is no formal assessment for this course. Participants will be required to program a Solution 6000 panel in a variety of commands.

## Course Delivery

The course is a eight hour course offered daytime only:

**Day - 8:00 am - 4:00 pm**

## Certification

This is a vendor endorsed course only and is not aligned to a nationally recognised unit of competency. On successful

completion of this course the student will be awarded a Statement of Attendance for "Bosch Solution 6000 Intrusion Alarm Training".

## Course cost

**Cost \$250 including GST**

## Pre-requisites

This course is for participants who have a knowledge of basic intruder detection system installation. It is not suitable for new entrants to the technical security industry. ASG Integracom offers other training courses for new entrants including Alarm Installation, CCTV and Certificate III in Telecommunications for Security Technicians.

## Security Licensing

Security licences may apply to technicians to installing, maintaining or repairing security equipment. This is regulated independently by each state. Refer to the following for more information:

**ACT:** Office of Regulatory Services,  
**NSW:** Security Industry Registry (NSW Police),  
**QLD:** Office of Fair Trading,  
**SA:** Office of Consumer and Business Affairs,  
**TAS:** Consumer Affairs and Fair Trading,  
**VIC:** Licensing Services Division (VIC Police),  
**WA:** Commercial Agents (WA Police)

# IP Networking for the Security Professional

This unit of competency ICTTEN2219A Install and test an internet protocol device in convergence networks forms part of the Certificate III in Telecommunications.

This training course has been designed and developed to take a Technician or Electrician through the technical requirements that are needed to install IP enabled devices onto an IP Network or ADSL Circuit.

The course content was developed to help the technician to understand the concept of Network Terminology.



## Course Title:

- ▶ Working with IP Networks

## Who Should Attend?

- ▶ Security Technicians who install DVR's or IP cameras as part of a CCTV System
- ▶ Technicians involved in setting up ADSL routers and switches
- ▶ Computer Technicians who set up PCs or printers as part of a local or Wide Area Network
- ▶ Technicians configuring wireless access points for radio transmission
- ▶ Meetings and events industry venue staff configuring networks for AV Distribution and conference
- ▶ IT management Technicians involved in SOHO installations

The course is both theory and practical based and is conducted in our IT training facility allowing the technician to gain hands on experience including the setting up of ADSL Routers.

## Prerequisites

An Open Registration is desirable but not necessary.

## Course Content:

- ▶ Network Fundamentals and Data Transmission
- ▶ Understanding IP addressing and Subnet masks
- ▶ Understanding DHCP and static IP addresses

- ▶ Sharing Internet connections and basic networking
- ▶ File and Print Sharing
- ▶ Understanding Internet security Setting up Wireless Networks
- ▶ Understanding ADSL Circuits
- ▶ Router Port forwarding for Security and CCTV applications
- ▶ Hands on Router Configuration for ADSL services

## Course Delivery

There are two ways of completing this course

**Full Time - 1 Day**

**Part Time - 2 Evenings**

## Course Outcome

On successful completion the student will awarded a statement of attainment for unit no ICTTEN2219A Install and test an internet protocol device in convergence networks.

## Cost:

**Cost \$250.00 (no GST)** (Includes all manuals and equipment)

# ICT30213 : Certificate III in Telecommunications for Security Technicians

This course is designed for technicians working “hands on” in the Electronic Security installation industry. The training covers skills around alarm, CCTV and cabling installation and on successful completion will allow the participant to apply for their Open Cabling License with Structured & Coaxial endorsements\*.

## Course Overview

This course is designed for technicians working “hands on” in the Electronic Security installation industry. The training covers skills around alarm, CCTV and cabling installation and on successful completion will allow the participant to apply for their Open Cabling License with Structured & Coaxial endorsements\*.

### Stage 1 - Telecommunications Fundamentals

An overall introduction to telecommunications industry and the foundation skills required to work with cabling and electronic security equipment.

### Stage 2 - Introduction to IP Networks

A must for the security professional, the introduction to IP networking covers the fundamentals of interconnecting IP enabled devices on a network, it incorporates such principles as IP addressing, subnet masking and port forwarding. This is an essential component in most IP networked alarm panels.

### Stage 3 - Open Cabling Registration

This stage covers the telecommunications framework and the mandatory requirements for working with alarm system cabling connected to the carrier networks. Successful completion of this stage will allow the student to apply for their ACMA Open Cabling Registration (subject to meeting ACMA requirements).

### Stage 4 - Cabling Endorsements

High performance data and coaxial cabling techniques are covered in this stage allowing an ACMA Open Registration holder to add the structured and coaxial endorsements to their license.

### Stage 5 - Alarm Installation

Covering the basics of alarm system design, installation and maintenance, this stage will provide the hands on skills required to install and program an electronic security alarm system.

### Stage 6 - CCTV Installation

This stage will outline the principles of CCTV system design and installation and will cover both analogue and IP based CCTV systems.

## Funding

This qualification, if delivered as part of a Traineeship may attract employer funding.

Australian Apprenticeships Incentives Program\* available for eligible Australian residents.

Government incentives to employer may include:

- ▶ \$4,000 standard incentives (\$1,500 at 6 months, \$2,500 on completion) online knowledge based test
- ▶ Additional \$1,000 for regional participants
- ▶ Additional \$4,000 for participants over 25 years of age

There may also be additional state based incentives depending on the certain eligibility criteria. Contact ASG Integracom to discuss.

## Course Duration

The nominal duration for the ICT30213: Certificate III in Telecommunications is 12-24 months.

\*subject to ACMA requirements



## Training Calendar

Sydney	Melbourne	Brisbane	Perth
<b>Solution 2000/3000</b>			
19 February 2016	22 February 2016	22 February 2016	25 February 2016
3 March 2016	3 March 2016	7 March 2016	29 March 2016
26 April 2016	11 April 2016	11 April 2016	5 April 2016
27 May 2016	18 May 2016	3 May 2016	12 May 2016
14 June 2016	6 June 2016	6 June 2016	23 June 2016
4 July 2016	13 July 2016	4 July 2016	7 July 2016
<b>Solution 6000</b>			
4 March 2016	4 March 2016	8 March 2016	24 March 2016
29 April 2016	12 April 2016	12 April 2016	6 April 2016
18 May 2016	19 May 2016	4 May 2016	11 May 2016
15 June 2016	8 June 2016	7 June 2016	22 June 2016
19 June 2016	14 July 2016	5 July 2016	6 July 2016
<b>IP Networking for the Security Professional</b>			
22 April 2016	3 March 2016	31 Mar 2016	17 March 2016
24 June 2016	15 April 2016	31 March 2016	N/A



## A Tradition of Quality and Innovation

For over 100 years, the Bosch name has stood for quality and reliability. Bosch is the global supplier of choice for innovative technology, backed by the highest standards for service and support.



Bosch Security Systems proudly offers a wide range of security, safety, communications and sound solutions that are relied upon every day in applications around the world, from government facilities and public venues to business, schools and homes.

## ASG Integracom Training Locations:

### NSW - Sydney - Homebush

Unit 6, 7 – 9 Underwood Road  
Homebush , NSW , 2140  
Tel: (02) 9897 0000  
Fax: (02) 9897 0150

### VIC - Melbourne - Clayton

5/4 Garden Road  
Clayton , VIC , 3168  
Tel: (03) 9545 3804  
Fax: (03) 9310 5976

### WA - Perth - Welshpool

223 Star Street  
Welshpool , WA , 6106  
Tel: (08) 9355 5770

### QLD - Brisbane - Salisbury

Construction Training Centre  
Building 1  
460-492 Beaudesert Road  
Salisbury , QLD , 4107  
Tel: (07) 3277 8777

### VIC - Melbourne - Tullamarine

Suite 218 - Upper Level  
Gladstone Park Shopping Centre  
8-34 Gladstone Park Drive  
Gladstone Park , VIC , 3043  
Tel: (03) 9310 5980

### Bosch Security Systems

To learn more about our product offering, please visit [www.boschsecurity.com.au](http://www.boschsecurity.com.au)

### ASG Integracom (RTO 20749)

To learn more about our training courses, please visit [www.asgintegracom.com.au](http://www.asgintegracom.com.au)