



## ***INNER RANGE TRAINING CENTRE***

Inner Range Training Centre is a Registered Training Organisation and is registered to deliver the following Nationally Accredited training courses:

- Course in Basic “Concept” Security System Installation and Programming
- Course in Intermediate “Concept” Security System Applications and Software
- Course in Advanced “Concept” Security System Applications.
- Certificate IV in Workplace Training and Assessment.

We believe Inner Range Training Centre to be the first Australian Security Manufacturer to introduce a complete, Nationally Accredited, competency based training strategy for its products. Inner Range Training Centre now offers a comprehensive range of training courses and modules to actively raise the levels of skill, knowledge and professionalism in the Security Electronics Industry. This type of training pays dividends to all concerned.

More than just brainstorming or idea-sharing workshops, modules are Nationally Accredited and delivered by Qualified Inner Range Instructors. Successful students are rewarded with the issue of a Nationally Recognised Certificate of Attainment for the completed module or course. In addition, students who successfully complete specific modules are entitled to apply for Inner Range Factory Certification at either “Certified Technician” or “Systems Engineer” level. Factory Certification provides significant market advantage for technicians and those companies who employ such technicians. Official logos, insignias and endorsements may be used by those technicians who have been awarded Factory Certification and Inner Range’s own marketing strategy will recommend and actively promote the use of Factory Certified Technicians or Systems Engineers to install and maintain its Concept products.

Students who do not successfully complete a module are either invited back to re-sit the module or arrangements are made for them to be re-assessed, having further studied the necessary subjects. This offer is available to students **at no additional charge**.

Those technicians who currently work with Concept products may wish to have their existing skills and knowledge formally recognised and certified. This is achieved through a process called Recognition of Current Competency and can enable experienced technicians to fast-track the Concept training path. Further details are available from Inner Range or their Web Site.

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Concept Training Courses offer unrivaled benefits and value for money. Join the growing team of professional technicians who have already identified the changing face of the Electronic Security Industry and wish to properly prepare themselves for the inevitable short supply of technicians, capable of installing and maintaining intelligent, integrated Security and Building Management systems.

### **Inner Range Factory Certification**

Inner Range now offers Factory Certification to appropriately qualified technicians. Factory Certification at the “Certified Technician” level or the “Systems Engineer” level may be awarded, depending upon the level of Nationally Accredited “Concept” Training that the applicant has achieved.

Factory Certification brings with it a wealth of benefits for the technician:

1. Factory Certification is competency based and is therefore a clear indication of the technician’s ability to install and maintain Concept products at the designated level. Inner Range will promote and advertise the Factory Certification initiative so that Concept customers, Project Managers and Consultants may be aware of the competencies that technicians are required to possess in order to be awarded Factory Certification at the two levels.
2. Having allowed a suitable period of time to establish a contingent of Certified Technicians and System Engineers, Inner Range intends to promote its recommendation that Concept products be installed and maintained by Inner Range Certified Technicians or Inner Range Systems Engineers. Specific Concept products and applications will be aligned with a particular level of Factory Certification, depending upon the levels of competency required to install and maintain the product or application effectively.
3. Inner Range Certified Technicians and Inner Range Systems Engineers are issued a Photo Identification Card, displaying a Certification Number, the level of Certification and the Expiry Date. Technicians should produce this card to customers as proof of competency and Factory Certification to the particular level.
4. Factory Certification is awarded for a period of two years, after which time the technician will be required to re-apply. Proof of current competency is required for each application.
5. Factory Certification is specific to the technician, not the company for which the technician works. Therefore, Certified Technicians and Systems Engineers may be of greater value to their company.

6. A company who employs at least one Certified Technician or one Systems Engineer will be eligible to apply for recognition as an Inner Range Accredited Dealer. Inner Range will maintain an up-to-date list of Inner Range Accredited Dealer. The list will indicate the name and location of the company as well as the numbers of each type of Technician currently employed by the company. This information will be available to current and potential Concept customers. Technicians will be invited to report any changes of employment details to Inner Range in order to maintain accuracy of records.
7. Factory Certified Technicians are permitted to reproduce and display the authorised Inner Range Certification logo appropriate to their level of certification.

**Inner Range Certified Technician:**



**Inner Range Systems Engineer:**



The approved logo may be reproduced and displayed on Business Cards, Letterheads, Advertising Material, Vehicles, Uniforms etc.

8. Companies who qualify as Inner Range Accredited Dealers will be permitted to reproduce and display an authorised Accredited Dealer logo whilst there is at least one current Certified Technician or Systems Engineer in the company's employ and provided always that the logo is not used in such a manner so as to falsely imply the factory certified status of a non-certified technician.



The above criteria having been satisfied, companies may display the logo on Business Cards, Letterheads and Advertising Material.

9. Other promotional offers may be made to Inner Range Certified Technician, Systems Engineers and Accredited Dealers from time to time.

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***COURSE IN BASIC “CONCEPT” SECURITY SYSTEM INSTALLATION AND PROGRAMMING***

This competency based course comprises two modules: Basic “Concept” Installation and Basic “Concept” Programming. The course has been designed to raise the competency levels of existing security technicians from that required to install and maintain a basic six or eight zone alarm system to the level required to competently install and maintain a basic Concept 3000 or Access 4000 integrated system. A working knowledge of basic alarm systems and some installation experience is a pre-requisite to enrollment in this course.

***Basic “Concept” Installation***

The Basic “Concept” Installation module gives students an introductory look at the design and connectivity of the Concept system. Students are guided through the installation of a basic Concept system and are given significant hands-on practice at connecting and testing the system. Particular emphasis is placed upon the development of exemplary practices, troubleshooting and testing techniques. All necessary equipment, tools and documentation are provided.

**Module Code:** VBJ809

**Nominal Duration:** 8 hours

**Pre-Requisites:** A working knowledge of basic alarm systems and some installation experience.

**Competencies to be achieved:**

1. Describe the key features of the Concept 3000 / Access 4000 system and explain the inherent system design considerations and cabling standards for a range of installation situations.
2. Describe and demonstrate the installation of the Concept system in a range of standard situations.
3. Describe and demonstrate the powering up and testing of the Concept system for the first time.

**Qualification to be issued:**

Nationally Recognised Statement of Attainment.

**Basic “Concept” Programming**

The Basic “Concept” Programming module follows on from the Basic “Concept” Installation module. Having installed and tested Concept’s hardware, students are now given a basic grounding in the flexibility and utility of the system’s programming structure. Students programme a basic security system and later in the module introduce some access control and lighting automation features. All necessary equipment, tools and documentation are provided.

Successful completion of the Course in Basic “Concept” Security System Installation and Programming entitles technicians to apply for Inner Range Factory Certification at the “Certified Technician” level.

**Module Code:** VBJ810

**Nominal Duration:** 24 hours

**Pre-Requisites:** VBJ809 Basic “Concept” Installation.

**Competencies to be achieved:**

1. Describe the structure and design of the Concept 3000/Access 4000 system.
2. Describe and demonstrate the programming of basic security features.
3. Describe and demonstrate the programming features to integrate access control and building automation.
4. Describe and demonstrate the programming of the basic communication format.

**Qualification to be issued:**

Nationally Recognised Statement of Attainment.

**Factory Certification:**

Successful completion of this module allows application to Inner Range for certification as an ***Inner Range Certified Technician***.

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***COURSE IN INTERMEDIATE “CONCEPT” SECURITY SYSTEM  
APPLICATIONS AND SOFTWARE***

This course further builds upon the competencies of the Course in Basic “Concept” Security System Installation and Programming and comprises two key modules: Intermediate “Concept” Security Applications and ACCEPT System Management Software.

***Intermediate “Concept” Security Applications***

The Intermediate “Concept” Security Applications module further develops some of the more sophisticated security and automation features. Emphasis is placed upon the flexibility of the Concept system and some of the ways in which it may be customised to achieve exciting results. Students start to make the system sing! All necessary equipment, tools and documentation are provided.

**Module Code:** VBJ811

**Nominal Duration:** 8 hours

**Pre-Requisites:** VBJ809 Basic “Concept” Installation  
VBJ810 Basic “Concept” Programming

**Competencies to be achieved:**

1. Describe and demonstrate the use of auxiliary logic and control within a Concept system.
2. Describe and demonstrate the testing of zone inputs and batteries within a Concept system.
3. Describe and demonstrate the management of review within a Concept system.
4. Describe and demonstrate the use of home automation features within a Concept system.
5. Describe and demonstrate the use of advanced options within a Concept system.
6. Describe and demonstrate the incorporation of event counting within a Concept system.
7. Describe and demonstrate the incorporation of alarm processing within a Concept system.

**Qualification to be issued:**

Nationally Recognised Statement of Attainment.

***ACCEPT System Management Software***

The ACCEPT System Management Software module introduces students to the main graphical user interface for the Concept system. Upon successful completion of this module, students will be competent in the installation, configuration and basic use of the software application. Enrolled students are required to bring their own notebook computer or contact Inner Range Training Centre to arrange a loan computer for the duration of the module. All other necessary hardware, software and documentation are provided.

**Module Code:** VBJ812

**Nominal Duration:** 8 hours

**Pre-Requisites:** VBJ809 Basic “Concept” Installation  
VBJ810 Basic “Concept” Programming

**Competencies to be achieved:**

1. Describe and demonstrate the installation of ACCEPT hardware and software.
2. Describe and demonstrate the initial set-up, configuration and customisation of ACCEPT hardware and software.
3. Describe and demonstrate the operation and maintenance of ACCEPT hardware and software.

**Qualification to be issued:**

Nationally Recognised Statement of Attainment.

## ***COURSE IN ADVANCED “CONCEPT” SECURITY SYSTEM APPLICATIONS***

This course provides students with the skills and knowledge to competently install, programme and maintain more complex Concept systems. The course comprises three application driven modules: Advanced “Concept” Security Applications, Advanced “Concept” Access Control Applications and Advanced Concept Building Management Applications. All Advanced modules make use of working models to replicate the working environment, so extensive hands-on practice is assured.

### ***Advanced “Concept” Security Applications***

This module explores those features of the Concept system that are particularly suited to high security installations such as banks and other financial institutions. Students are taught to install and programme latched alarms, camera monitoring, holdup and duress alarms as well as security shutter control. Student are encouraged to bring a notebook computer, if available, although it is not essential. All other necessary equipment, tools and documentation are provided.

**Module Code:** VBJ814

**Nominal Duration:** 8 hours

**Pre-Requisites:** VBJ811 Intermediate “Concept” Security Applications

### **Competencies to be achieved:**

1. Describe and demonstrate the incorporation of latched alarms into a Concept system.
2. Describe and demonstrate the use of the Concept system to monitor camera operation.
3. Describe and demonstrate the incorporation of holdup and duress alarm delay processing into a Concept system.
4. Describe and demonstrate the incorporation of security shutter control into a Concept system.

### **Qualification to be issued:**

Nationally Recognised Statement of Attainment.

### **Factory Certification:**

Successful completion of advanced modules VBJ814, VBJ815 and VBJ816 allows application to Inner Range for certification as an ***Inner Range Systems Engineer.***

**Advanced “Concept” Access Control Applications**

The Advanced Access Control module focuses on the integration of Concept’s powerful access control features. Door Access modules, Card Readers, Advanced user and Area control, Lift Access control and the 4 Door Intelligent Access Module with distributed intelligence all form part of this comprehensive and exciting training module. The module covers physical installation of necessary hardware as well as system programming. Student are encouraged to bring a notebook computer, if available, although it is not essential. All other necessary equipment, tools and documentation are provided.

**Module Code:** VBJ815

**Nominal Duration:** 16 hours

**Pre-Requisites:** VBJ811 Intermediate “Concept” Security Applications

**Competencies to be achieved:**

1. Install and program a 2-door reader module and card readers, and program cards and fobs in a Concept system.
2. Describe and demonstrate advanced user control and monitoring features in a Concept system.
3. Describe and demonstrate advanced area control features in a Concept system.
4. Install and program an intelligent reader module and card readers into a Concept system.
5. Install and program lift access control into a Concept system.

**Qualification to be issued:**

Nationally Recognised Statement of Attainment.

**Factory Certification:**

Successful completion of advanced modules VBJ814, VBJ815 and VBJ816 allows application to Inner Range for certification as an ***Inner Range Systems Engineer.***

***Advanced “Concept” Building Management Applications***

The Advanced “Concept” Building Management Applications module specifically deals with those competencies required to implement air-conditioning or plant control using the analog module and serial temperature sensors. Student are encouraged to bring a notebook computer, if available, although it is not essential. All other necessary equipment, tools and documentation are provided.

**Module Code:** VBJ816

**Nominal Duration:** 6 hours

**Pre-Requisites:** VBJ811 Intermediate “Concept” Security Applications

**Competencies to be achieved:**

1. Install and program air conditioning control into a Concept system.
2. Install and program an analogue module into a Concept system.

**Qualification to be issued:**

Nationally Recognised Statement of Attainment.

**Factory Certification:**

Successful completion of advanced modules VBJ814, VBJ815 and VBJ816 allows application to Inner Range for certification as an ***Inner Range Systems Engineer.***