



**BUILDING SECURITY ONE
RELATIONSHIP AT A TIME**

PCSC NXG Training Course Description

- (Module 1) **PCSC Installation**
- (Module 2) **PCSC Service**
- (Module 3) **PCSC Integration Software**
- (Module 4) **PCSC Operator Training**

PCSC Training Overview

PCSC training is designed to provide the necessary knowledge to satisfactorily install, service and operate the complete product line. Due to the breadth of our product line and its extensive feature set, the course tailors itself to focus on the major elements commonly used in the access control and alarm monitoring environments.

PCSC training is divided into four separate courses; The PCSC Installation Technician and Service Technician, (Modules 1 and 2); PCSC Integration Software, and Operator Training (Modules 3 and 4). See the respective competency standards below for further details.

PCSC Introduction – A product overview introducing typical and complex PCSC connectivity and applications, comparison with single and multi-user applications and technological limitations.

Course Objectives:

Module 1. *Installation Technician* - To provide knowledge and skill sets to identify, install, and commission PCSC software and hardware, including miscellaneous ancillary equipment.

Module 2. *Service Technician* - To provide knowledge and skill sets required to isolate identify and service PCSC hardware/software issues.

Module 3. *Integration Software* - To provide the knowledge and experience to install, operate and administer PCSC suite software.

Module 4. *Operator Training* - To provide knowledge and skill sets to operate, manage, and program PCSC software applications.

Installation Technician Training Course

Module 1 is a two-day course introducing students to the minimum and maximum application limits for PCSC product installation. Practical exercises provide opportunity for hands on training experience with PCSC system configuration using simulated PCSC installation scenarios.

Prior to attending the PCSC Installation Technician training participants must have at least the following prerequisites:

- Completed a certified electronics or electrical courses
- Computer Experience

Students for the PCSC Installation Technician must understand PC hardware functionality, experience with operating systems like MS Windows and understanding of database fundamentals.

Service Technician Training Course

Module 2 is a one-day training course building upon Module 1 to service PCSC systems. The Technician after completion of the course will be able to configure, maintain and service PCSC systems.

Prior to attending the PCSC Service Technician training the participants must:

- Complete the PCSC Installation Technician Training Course; or
 - Hold a past PCSC Training Certificate or Installation Technician certification.
- Understand the general operation of networking including TCP/IP protocols.

Integration Software Training Course

Module 3 is a one-day training course building upon PCSC training modules 1 & 2. The Technician will learn to integrate 3rd party system software to LiNC-NXG, connect PCSC systems to the network and be able to consult IT experts for integration solutions.

Prior to attending the PCSC Integration training participants must:

- Complete Modules "1 and 2" course; or
 - Hold a past PCSC Training Certificate; or PCSC Service Technician certification.
- Understand the operation of networks including TCP/IP protocols.

Operator Training Course

Module 4 is a one-day course building upon PCSC modules 1 & 2. The participants will be able to operate and administer system functionality and solve complex applications and system capabilities.

Prior to attending the PCSC Operator training participants must:

- Have basic knowledge of MS Windows; and or
- Completion of the PCSC Installation Technician training course; or
- Hold a PCSC Installation Technician certification.

PCSC Installation & Service Competencies

Module 1: Installation Technician

LiNC-NXG Software Installation

- Review SQL/SQL Express
- Host / Workstations
- Concentrator(s)

LiNC-NXG Setup Process & Configuration

- Operator Password
- Communication
- Adding Cards
- Reader / Door Overview Settings
- Calibration Procedures
- Renewable Shunt
- Database Downloads
- System Test

IQ / FTC Series Installation

- Panel Installation (FTC's/IQ's)
- Power & Grounding Requirements
- Termination Locations
- Panel Address Procedures
- Communication Setup & Configuration
- Calibration Process & Supervised Inputs
- Wiring Reader & Doors
- Factory Reset Process

Installing Expansion Modules

- DDM / SDM
- IQ-4 (4 reader PCB)
- IQ-8 (8 reader PCB)
- IQ-ALM/OUT
- IQ-SAM I
- IQ-SAM II

Module 3: Integration Software

Product Overview:

- Assure-ID
- LiNC-NXG VIEW

Integration Software Installation

- Assure-ID
- Card Printer
- Capture Card

LiNC-NXG Assure-ID

- Creating Badge Design
- Capturing Photo's
- Importing Photo's
- Printing Badges
- Photo Trace/Solicit -Open
- Photo recall

Integration Software Installation

- LiNC-NXG VIEW
- DVR Configuration

LiNC-NXG VIEW

- Creating Floor Maps
- Map Icon Definition
- Alarm Point Definition
- Camera Assignment
- Acknowledging Alarms

Module 2: Service Technician

LiNC-NXG Software Configuration

- Host Computer Setup
- FTC / IQ Setup

Status Screen Menus

- Doors
- Inputs
- Outputs
- Counters

Communication Configuration

- RS-232 (IQ Series only)
- RS-485
- Converters (USB to RS485)
- Terminal Servers (LAN to RS232 / RS485)
- PCSC LAN (includes Add-On LAN card)
- Communication Password

FTC /IQ-Series

- Card Readers
- Error Codes
- Sense Inputs
- Lock Relay Outputs
- Voltage Outputs
- Supervised Inputs (LiNC-NXG)
- History Events (Journal)

Panel Types

- FTC Series
- SIM-Series
- IQ-Series
- IQ-ELV

Module 4: Operator Training

LiNC-NXG Programming

- Password Definitions
- Program Levels
- User Groups
- Authorization Groups
- Adding/Changing Cards
- Time Periods
- Holiday Schedule
- Alarm Assignment
- Audit Trail & Reports

LiNC-NXG Applications

- Auto Unlock by Time or Card
- Door Left Open & Door Forced Open
- Two Reader Assignment
- Local Alarm
- Event Lockout
- Anti-Passback
- Visitor Control
- TPMOR (two person rule)
- User Defined Inputs & Outputs
- Duress
- Parking Lot

Attending PCSC Training

Persons interested in attending and completing the PCSC Training Courses must complete the Training Registration form in advance of the first training date. The registration form can be accessed by emailing the PCSC Training Manager (rroy@1pcsc.com) or contacting any PCSC sales representative.

A general "Certification Test" must be completed in order to receive a PCSC Certificate.

Remote Training Information:

- \$1,500.00 per day plus traveling expenses

Company Purchase Order or Payment by check made to PCSC and must be received at PCSC 30 days prior to the commencement of the 1st day of training. The check will be for the number of days requested. Total expenses and invoice will be sent after completion and is due upon receipt.

Training modules includes the following:

- 1 PCSC demonstration CD-ROM and 1 PCSC demonstration license.
- 1-day PCSC Installation Technician Training course
- 1-day PCSC Service Technician Training course
- 1-day PCSC Integration Software Training course
- 1-day PCSC Operator Training course
- Provision of all PCSC installation manuals and training information.
- PCSC Technician certification on completion

Training courses are conducted on an as needed basis worldwide. Each course is limited to ten persons and requires a minimum of four persons. The PCSC Training Manager maintains a list of available training dates in each state.

Training registrations must include the following details:

The Company name who requests the training

The person(s) who will attend the training

Each person attending must identify when they are attending at which Modules

Who is their PCSC representative contact?

Class Schedule (Standard Pacific Time)

- Monday 9:00 AM – 4:00 PM
- Tuesday 9:00 AM – 4:00 PM
- Wednesday 9:00 AM – 4:00 PM
- Thursday 9:00 AM – 4:00 PM
- Friday 9:00 AM – 1:00 PM