



Pro-Watch[®] Eco System

Training Syllabus for

HIS Hardware and Pro-Watch Eco System 4.0 Product training

(3 Day's session)

Three day “Pro-Watch Eco system” Training

PURPOSE of Document:

The purpose of this training course is to introduce Honeywell Integrated Security Access Control products, integrated systems and build knowledge of the Pro-Watch® product family.

Pre-requirements:

Participants to this course should preferably have knowledge of

- Basics in access control.
- Working knowledge of PC's and operating systems Windows 7 and/or Server 2008
- Knowledge of TCP/IP Network topology.

OBJECTIVE:

This training course is intended for Installation, service technicians, and Administrators or anybody who will be involved with installing and maintaining Honeywell Integrated Security Management systems. This training will also highlight the integration options from Pro-Watch with Honeywell CCTV hardware, Honeywell Video Management, Galaxy Intrusion Panel integration.

Training Session Duration.

The time period to be reserved for this training session is 3 full day's where each day will have (2) intermediate breaks and a lunch. Travel for participants will have to be scheduled in such a way that the participating engineer(s) will have sufficient time to complete the full training course. Participants who have to leave before completing the online skill test on the 3rd day will not receive their proof of certification.

Pro-Watch Eco system Training overview

The purpose of the “Pro-Watch Eco System” training session is to build a solid working knowledge of our HIS access control hardware and Software product lines. Hands-on exercises will help the trainees to build experience on the subjects.

The following items will be discussed during the training session;

- PW6000/6101 Series controller components and architecture.
- Communication modules.
- Basic installation knowledge.
- Installing and maintaining the Pro-Watch Access management suite.
- Integration with Pro-Watch Galaxy products.
- Integration with Pro-Watch Video Management system.

At the end of the course all students will receive a complimentary USB which contains Product documentation, product related tools, presentations.

An online questionnaire will have to be completed to prove that the covered subjects and knowledge is well received by the students who, if passed, will receive our Training Certificate as proof of their proficiency.

For the practical exercises we have Lab stations (1 set of Hardware shared by 2 participants) available which consist of

- 1 - Notebook.
- 1 - Controller + Powersupply
- 2 - Access readers and credentials.
- 2 - Inputs (for Door Contact and REX)

The exercises are tailored to this hardware setup. The aim of the exercises is the optimum utilization and deployment of the PW6000 or PW6101 controller products, as well as building installation and trouble shooting skills.

Course outline

Course outline Day #1

The Morning session starts at **09:00** and ends around 12:30

Covered topics:

- Course objectives
- Company Introduction.
- Introduction to Honeywell Pro-Watch Eco release 4.0 system components.
Panels and peripherals
- Preferred Installation and Wiring requirements and topologies
TCP / IP, RS485.
Wiegand topology
- Communication interfaces
PW6000/6101 Network interfaces.
Specific details of the PW6000 and PW6101 Controller and downstream boards.
Board layout and switches.
Use of the Web interface

The afternoon session starts at 13:30 and ends around **16:30**

- Introduction of the Pro-Watch management suite.
Pro-Watch Suite specifications and pre-requisites.
The impact of Pro-Watch on an enterprise Network.
Client – Server architecture.
Preparations to the Windows operating system.
Installing Pro-Watch Professional Edition software onto a prepared notebook.
(Hands-on session)
- Database structure and setup explained.

Season 2013

Day #2:

The Morning session starts at **09:00** and ends around 12:30

Covered topics

- Question and Answers of yesterday's subjects.
- Using the hardware configuration elements.
 - Templates and hardware classes
 - Status groups.
 - Event viewer functions.
 - Hands-on sessions.
- Configuration of a Site.
 - Creating channels and logical devices.
 - Hands-on sessions.
- Badge and Access management.
 - Companies and Clearance codes,
 - Timezones and holiday's.
 - Area's, Partitions.
 - Customizing the badge entry screens,
 - Badge profiles.
 - Hands-on sessions.

The afternoon session starts at 13:30 and ends around **16:30**

- Pro-Watch triggers and procedures.
 - Hands-on lab sessions.
- Advanced PW6000 Hardware setup.
 - Card formats.
 - Panel triggers and procedures.
 - Hands-on session.
- Pro-Watch suite security aspects
 - Windows login and Pro-Watch login.
 - Web based Event viewer component.
 - Users and classes.
 - Routing groups.
 - Workstations.
 - Setup of Pro-Watch clients.
 - Hands-on session.

Season 2013

Day #3

The Morning session starts at **09:00** and ends around 12:30

Covered topics

- Question and Answers of yesterday's subjects.
- Pro-Watch suite maintenance tools.
 - Event archive and restore methods.
 - Database backup and recovery strategies
- Reporting options.
 - Event and Audit ,
 - Archived Event and Audit reporting.
- Alarm Servicing.
 - Using the alarm monitor module
 - Webbased Alarm manager component
 - Customization, alarm pages.
 - Using maps.
 - Map builder.
 - Alarm instructions and responses.

- Pro-Watch advanced Support modules.
 - Panel mover utility.
 - Registry editor

The afternoon session starts at 13:00 and ends around **16:30**

- Question and Answers of the morning session's subjects.
- Demonstration of Eco System components.
 - Galaxy Dimension Integration.
 - Pro-Watch Video Management System

- E-Exam skill test. This test consists of 20 questions to be answered in 30 minutes.

- Training material hand-out. Student's certificate will be sent to passed attendees.