

**Honeywell**

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Security Management

**Pro-Watch®**

Pro-Watch® web

## **Pro-Watch® 4.X Eco System Training Syllabus**

(3 Day's session)

Version A / 2019

## 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 7/8.1, 10 and/or Windows Server 2012/2016 Knowledge of TCP/IP Network topology.

### **OBJECTIVE:**

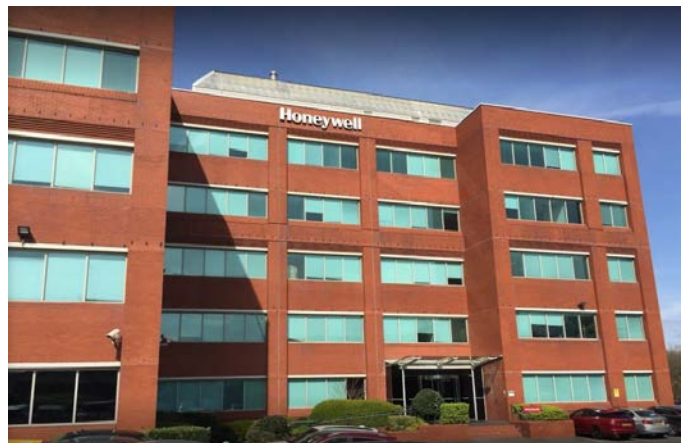
This training course is intended for Installation, service technicians, and Administrators or anybody who will be involved with installing and maintaining Honeywell Integrated Security Management systems.

### **Training Session Duration.**

The time 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 way that the participating engineer(s) will have sufficient time to complete the full training course. Participants who must leave before completing the online skill test on the 3<sup>rd</sup> day will not receive their proof of certification.



The Schönaich training Facility



The Bracknell Training Facility

## 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 and EP1502 Series controller components and architecture.
- Pro-Watch 3<sup>rd</sup> Party Panel integration (Lenel / Casi Rusco M5)
- Honeywell Integrated Security product card readers.
- Communication modules.
- Basic installation knowledge.
- Installing and maintaining the Pro-Watch Access management suite.

At the end of the course all students will receive a product documentation set which contains Product documentation, product related tools, presentations, and a fully operational Pro-Watch Professional Suite. All material should be downloaded from a dedicated FTP location for which the student received the login credentials.

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 available for each student which consist of

- 1 - Notebook.
- 1 - Controller + Power supply
- 2 - MiFare Series readers and credentials.
- 8 - Inputs
- 4 - Outputs

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 12:00

Covered topics:

- Course objectives
- Company Introduction.
- Introduction to Honeywell Pro-Watch Eco release 4.X system components.  
Panels and peripherals  
HIS Reader offering
- Preferred Installation and Wiring requirements and topologies  
RS485.  
Wiegand topology
- Communication interfaces  
PW6000/6101 / Mercury EP Series Network interfaces.
- Planning and installing Wiegand Readers.
- MiFare technology explained.

Warm and Cold drinks are sufficiently available throughout the entire course, and a complimentary lunch will be available in our in-house restaurant.

The afternoon session starts at 13:00 and ends around **17:00**

- Specific details of the PW6000, PW6101 and EP Controllers and downstream boards.  
Board layout and switches.  
Use of the Web interface
- 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.

## Day #2:

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

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 13:00 and ends around **17:00**

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

### Day #3

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

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.
  - Pro-Watch specific tools,
  - Database maintenance tools.
  - Registry editor
  
- Introduction and overview of the Training Documents and Tools package

The afternoon session starts at 13:00 and ends around **17:00**

- Question and Answers of the morning session's subjects.
- Hands-on Lab session which includes
  - Complete setup of Pro-Watch in a networked environment
  - Workstations and User management
  - System wide PW6000 options and controls
  
- Wrap-up of the Hands-On training lab sessions
  
- E-Exam skill test. This test consists of 20 questions to be answered in 60 minutes.
  
- Student's certification.