

# Pro-Watch® Release 3.7 Corporate Edition

## Security Management System



Pro-Watch® Release 3.7 Corporate Edition is designed to meet the needs of the most demanding security management applications. Corporate Edition operates in the Microsoft® Server and SQL environments and leverages the most advanced information management and network communications technologies available. Tailored for applications with at least two users and 96 doors, Corporate Edition systems can be expanded to an unlimited number of doors. Thanks to a common user interface and database, Pro-Watch systems can be seamlessly expanded to enterprise class systems. Based on the Pro-Watch 3.7 platform, Corporate Edition includes built-in software wizards that enhance system uniformity across sites, reduce installation time, and improve the overall learning curve for new users.

- Ease-of-use features accelerate system setup, configuration and deployment.
- Powerful change tracking and auditing capabilities facilitate compliance with growing regulatory compliance requirements.
- Multi-threaded three tier architecture fully exploits Windows Server 2003 multi-processor architecture.
- Honeywell Video Management System (HVMS) integration offers a completely new video experience—by providing a single command and control interface and by allowing video management of any analog and digital video device through a unified configuration and viewer.
- DVM R200 integration supports motion events, advance clip search capabilities, PTZ control and live video with MUX capability.
- Pro-Watch Corporate Edition allows seamless growth from 96 readers to a 20,000-door Enterprise System without ever having to change user-interfaces or learn a new application.

- Provides seamless integration with other third party facility management subsystems including CCTV, pagers, intercoms, biometric devices, and digital storage devices. Pro-Watch supports a “generic channel” capability that allows customized interfaces to previously unsupported third-party devices.
- Industry standard open architecture. Support for hardware protocols from a variety of manufacturers makes upgrading to Pro-Watch the economical choice.

Designed to meet the challenges of today’s growing business, Pro-Watch combines the flexibility, scalability, and power required for world class security management without compromising simplicity.

### Pro-Watch Tracking and Compliance

Pro-Watch™ Release 3.7 supports compliance tracking through digital signatures and “reason for change” tracking. The new tracking and compliance feature addresses the growing regulatory needs of the biotech, pharmaceutical and financial markets. Digital signature technology with audit history can track electronic records and verify that records have not been altered subsequent to the last tracked modification. Pro-Watch 3.7 tracking and compliance enforces:

- Full printed name usage
- Change management tracking “reason for change”
- Single and double “electronic signatures.”
- Hardware configurations: panel, sub-panels, monitorable inputs, controllable outputs, and readers
- Database configurations: clearance codes, time zones, holidays, card access if used with secured panel, sub-panel, monitorable inputs, controllable outputs and readers.

## FEATURES

- Integrated badge, hardware and permission wizards reduce the number of clicks required to configure and deploy a system
- Virtual video multiplexer displays multi-vendor video sources side by side
- Integrated to Honeywell Video Management System, Digital Video Manager (DVM) R200, Fusion and Rapid Eye (including V7) digital video systems
- Advanced video multiplexer that allows camera views from multiple channels to be displayed at once. The new multiplexer allows address higher than 16
- Multiple database partitioning allows system administrator to restrict access to sensitive information by User ID, providing higher levels of security
- Tracking and compliance feature offers electronic signatures and reason of change capabilities
- Integral Technologies DVX Series DVR integration
- Direct import of select versions of AutoCAD drawings with layer views reduce commissioning costs and time
- Supports Windows Server 2003®
- Multiple database processing uses the latest Microsoft database engine technology (OLE-DB)
- Global “Find” utility allows information to be easily accessed and recalled
- Operator keystrokes are reduced by using macros to combine operations into a single keystroke or mouse click
- 128-bit data encryption between host and PW-5000 access control panels
- Hand geometry template storage and administration through the Pro-Watch application Windows 2000 Terminal Services support
- Integrated badging and CCTV functions with a single user interface eliminate the need for multiple software/hardware packages and redundant data entry
- Flexible software licensing packages and hardware components allow the system to be tailored to individual customer needs
- Savable search templates are available for quick lookup of all system parameters
- Integrated real point status monitor allows for quick evaluation of point status

# Pro-Watch® Release 3.7 Corporate Edition

## Security Management System

### SPECIFICATIONS

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#### Access Control Software

- Unlimited cardholders with Pro-Watch software
- 32 clearance codes per cardholder
- Unlimited time zones
- 255 holidays
- On-line transaction storage limited only by SQL drive storage
- Unlimited controllers with Pro-Watch software
- Unlimited readers (96 standard)
- Elevator control of up to 128 floors

#### Alarm Monitoring

- Unlimited monitor points/512 per PW-5000 channel
- Unlimited operators/passwords
- Unlimited user-defined cardholder data fields

#### Reporting & Operating

- Support for
  - Electronic signatures
  - Two-man rule change authorization process
- Tracking of clearance codes based on logical device changes, time zones, holidays, panel configuration and card access
- Configurable tracking levels

#### Technology Supported

- Smart card
- Digital proximity
- Biometrics (hand and fingerprint)
- Wiegand
- Keypad
- Magnetic stripe/barcode

#### Standard Features

- Access control
- System and activity monitoring
- Database management tools
- Database and event reporting
- Map manager
- Two-person rule
- Video verification
- VideoBloX and MaxPro CCTV support
- Mustering and tracking

#### Other

- Interface: Microsoft® Windows 2000 Certified Product
- Database protocols: SQL, MSDE, ODBC, OLE
- Networking protocols: TCP/IP, WAN/LAN

#### System Requirements

##### File server CPU Requirements

- Microsoft® Windows 2003 Server or Windows 2000 Server
- CPU – Xeon 2.66 GHz and 1 GB RAM or better (4 GB recommended)

##### Access Control Client

##### Workstation CPU Requirements

- Microsoft® Windows XP Professional, Windows 2000 Professional, or Vista
- CPU – Xeon with 900 MHz and 512 MB of RAM or better (1 GB recommended)

##### Video Badging Client

##### Workstation CPU Requirements

- Microsoft® Windows XP Professional, Windows 2000 Professional, or Vista
- CPU – Xeon with 900 MHz and 512 MB of RAM or better (1 GB recommended)

##### Digital Video Support

- Honeywell Digital Video Manager (DVM) R200
- Honeywell Rapid Eye
- Honeywell Fusion
- Integral Technologies:
  - DVXi
  - DSXpress
- Virtual video multiplexor

### BENEFITS

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- Wizards reduce time required for installation, configuration and setup
- Tracking and compliance feature offers electronic signatures and reason of change capabilities. Advanced auditing capabilities address the needs of the most advanced regulatory environments
- Integration to Honeywell Video Management System for a completely new video experience.
- Integration to DVM R200 with support for video analytics motion events
- Advanced video multiplexor allows camera views from multiple channels to be displayed at once. Video cameras connected to DVM, to matrix switches, Fusion, Rapid Eye and other DVRs in one comprehensive view. The new multiplexor allows address higher than 16
- Robust security model with customer operator level ensures outstanding enterprise-level performance
- Three-tier architecture minimizes network interchanges and provides a more rich and secure communication infrastructure
- Windows®-based graphical user interface minimizes operator training and helps organize tasks more efficiently
- Multiple database partitioning allows system administrator to restrict access to sensitive information by User ID, providing higher levels of security
- Easy system setup and maintenance with user definable “drag and drop” hardware templates
- Direct import of select versions of AutoCAD drawings with layer views reduce commissioning costs and time
- Integrated support for multiple digital video platforms including Integral Technologies DVX Series DVRs and Honeywell Video Systems’ Rapid Eye DVRs and VideoBloX
- Easily access and recall information using the global “find” utility
- Integrated badging and CCTV functions with a single user interface eliminates multiple software/hardware packages and redundancy in data entry
- Flexible software licensing packages and hardware components allow the system to be tailored to individual customer needs and applications
- Compatibility with PW-Series Intelligent Modules adds precision, flexibility and commanding performance

## INTEGRATION

### Pro-Watch + Honeywell Video Management System

The next generation user interface of HVMS offers a single command and control interface and enables users to operate video devices in an efficient manner. HVMS intelligently determines the capabilities of each subsystem across various sites, allowing video management of any analog or digital video device through a unified configuration and viewer. The subsystems can be analog switchers such as MAXPRO-Net and VideoBloX, and can be connected to analog monitors and cameras as well as digital recorders such as IP Engine, Enterprise, Rapid Eye™, and Fusion connected to digital and IP cameras.

### Pro-Watch 3.7 + DVM R200 Integration

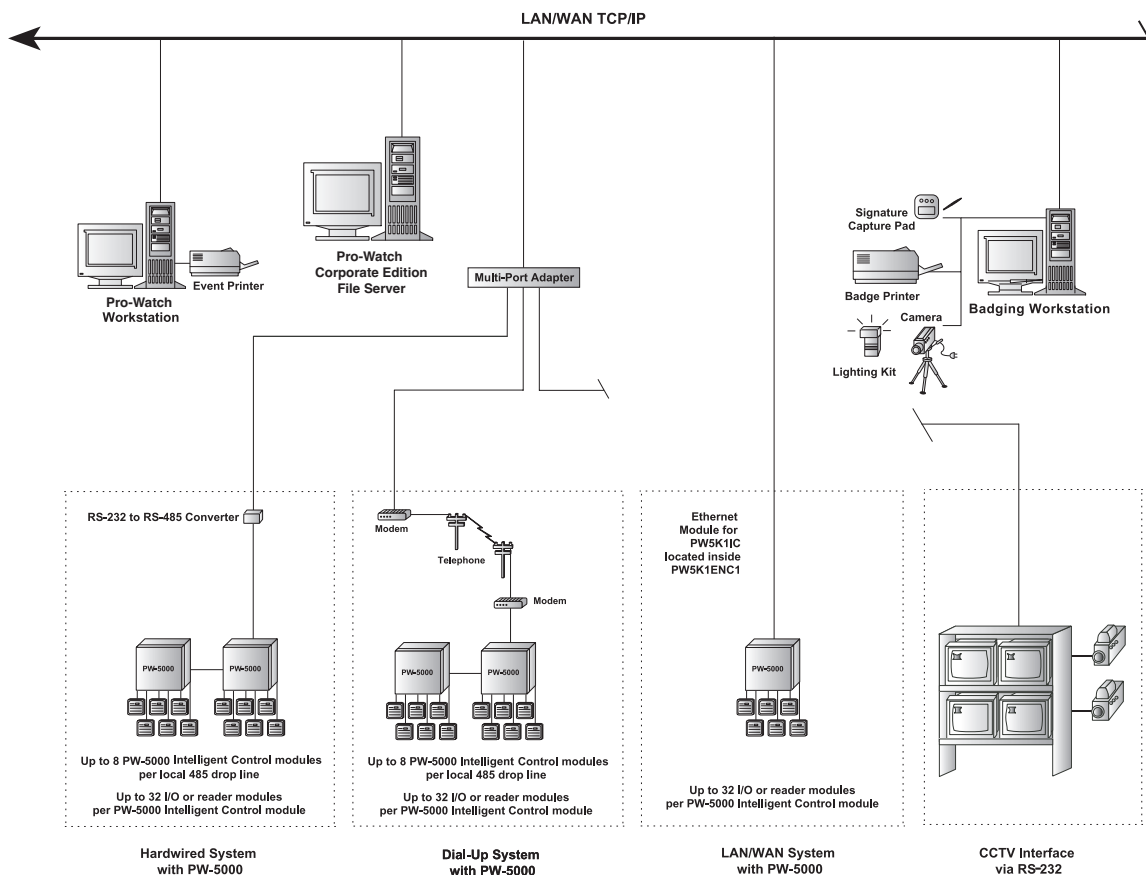
DVM Release 200 has been fully integrated to Pro-Watch Security Management Software to provide seamless alarm and event activated recording. With the power of digital recording, all images are stored in a quickly searchable database, which means you will

never have to spend valuable time searching through old videotapes. DVM intelligently captures video, utilizing video motion detection for activation of recordings and initiating alarms. Incidents that take place immediately prior to an alarm are also recorded, ensuring you never miss vital events. For enhanced security, all video is digitally signed, with a complete audit trail of all operator actions and system events. Additionally, Pro-Watch Release 3.7 supports DVM R200 motion event video analytics to utilize advance algorithms to trigger events and alarms. Finally, the new Pro-Watch + DVM retains backward compatibility to DVM R160, providing a streamlined upgrade path to the latest DVM technology.

### Pro-Watch Integration with LobbyWorks™

Database integration between LobbyWorks™ and Pro-Watch. Badges issued and assigned through LobbyWorks™ can easily be tracked using the Pro-Watch database.

## CONFIGURATION



# Pro-Watch® Release 3.7 Corporate Edition

## Security Management System

### RECOMMENDED COMPONENTS

#### Controllers

- STAR® I Controller (92410250020)
- STAR® II Controller (92410250030)
- PW-3000 Intelligent Controller (PW3K1IC)
- PW-5000 Intelligent Controller (PW5K1IC)

#### Reader/Input/Output Modules

##### PW Series Access Control Systems:

- PW-5000 Single Reader Module (PW5K1R1)
- PW-5000 Dual Reader Module (PW5K1R2)
- PW-5000 Sixteen Relay Output Module (PW5K1OUT)
- PW-5000 Sixteen Alarm Input Module (PW5K1IN)

#### STAR® I and STAR® II Access Control Systems

- MIRO 32/0 board only (92410026000)
- MIRO 2/16 board only (92410027000)
- MIRO 4/2 board in modular MSM-type enclosure (92410025200)
- WIRO 4/8/4 - Wiegand Protocol ports, 8 Input, 4 output (92410034840)

### ORDERING

#### Pro-Watch Corporate Edition Software

**PWCESW7** Pro-Watch CE Server Software - (1) Server License, (1) Concurrent User Licenses, (1) Concurrent Badging License, (96) Readers License

#### Licenses

**PWCE7SWCL** Single User Software License Add-on  
**PWCE7SWCL5** 5 User Software License Add-on  
**PWCE7SWCL10** 10 User Software License Add-on  
**PWCE7SWCL15** 15 User Software License Add-on  
**PWCE7SWCL20** 20 User Software License Add-on  
**PWCE7RDR32** 32 Reader License Add-on

(in addition to the 96 standard readers)

**PWCE7RDR64** 64 Reader License Add-on

(in addition to the 96 standard readers)

**PWCE7RDR128** 128 Reader License Add-on

(in addition to the 96 standard readers)

**PWCE7RDR256** 256 Reader License Add-on

(in addition to the 96 standard readers)

**PWCE7RDR512** 512 Reader License Add-on

(in addition to the 96 standard readers)

**PWCE7BADGEL** Single Concurrent Badging License Add-on

(License Only)

**PWCR7UPG** Pro-Watch Corporate Edition

Release 6 to Release 7 Upgrade

#### Pro-Watch Corporate Edition Systems

**PWCE7SYS** Pro-Watch CE Server Software - (1) Server License, (1) Concurrent User Licenses, (1) Concurrent Badging License, (96) Readers License

**PWCESYSCL** Client Computer (No License)

**PWCE7SWCL** Single Concurrent User Software License Add-on

**PWCE7SWCL5** 5 User Software License Add-on

**PWCE7SWCL10** 10 User Software License Add-on

**PWCE7SWCL15** 15 User Software License Add-on

**PWCE7SWCL20** 20 User Software License Add-on

**PWCE7RDR32** 32 Reader License Add-on

(in addition to the 96 standard readers)

**HNMAMPW** Pro-Watch Server Communications Adapter to Honeywell Video

#### Management System

##### Pro-Watch Corporate Edition Systems (cont'd)

**PWCE7RDR64** 64 Reader License Add-on

(in addition to the 96 standard readers)

**PWCE7RDR128** 128 Reader License Add-on

(in addition to the 96 standard readers)

**PWCE7RDR256** 256 Reader License Add-on

(in addition to the 96 standard readers)

**PWCE7RDR512** 512 Reader License Add-on

(in addition to the 96 standard readers)

**PWCE7BADGEL** Single Concurrent Badging License Add-on

(License Only)

**PWCESYSBADGE** Badging Computer (No License)

#### Pro-Watch Professional System Upgrades (From Professional to Corporate Edition)

**UPG7PECE32R2U** Upgrade from Professional Edition

(32 Reader, 2 User) to Corporate Edition

**UPG7PECE64R2U** Upgrade from Professional Edition

(64 Reader, 2 User) to Corporate Edition

**UPG7PECE32R3U** Upgrade from Professional Edition

(32 Reader, 3 User) to Corporate Edition

**UPG7PECE64R3U** Upgrade from Professional Edition

(64 Reader, 3 User) to Corporate Edition

**UPG7PECE32R4U** Upgrade from Professional Edition

(32 Reader, 4 User) to Corporate Edition

**UPG7PECE64R4U** Upgrade from Professional Edition

(64 Reader, 4 User) to Corporate Edition

#### Pro-Watch System Options

**PWDBUT** Pro-Watch Database Transfer Utility (Import/Export)

**PWINTSTENO** Pro-Watch interface to Stentofon Intercom System

**PWNNT3CCTVAD** Server License for American Dynamics CCTV Interface

**PWNNT3EXECCTVBR** Server License for Burle CCTV Interface

**PWNNT3EXECCTVPE** Server License for Pelco CCTV Interface

**PWNNT3EXECCTVVI** Server License for Vicon CCTV Interface

**PWNNT3EXECCTVIN** Server License for Integral Technologies

Digital Video Interface

**PBVC16** PCI Video Capture Card for Photo Capture

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#### For more information:

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