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 customised 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 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 look-up of all system parameters
- Integrated real point status monitor allows for quick evaluation of point status

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SPECIFICATIONS

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 authorisation 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

- 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 multiplexer 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 multiplexer allows address higher than 16
- Robust security model with customer operator level ensures outstanding enterprise-level performance
- Three-tier architecture minimises network interchanges and provides a more rich and secure communication infrastructure
- Windows®-based graphical user interface minimises operator training and helps organise 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 analogue or digital video device through a unified configuration and viewer. The subsystems can be analogue switchers such as MAXPRO-Net and VideoBloX, and can be connected to analogue monitors and cameras as well as digital recorders such as IP Engine, Enterprise, Rapid Eye™, and Fusion connected to digital and IP cameras.

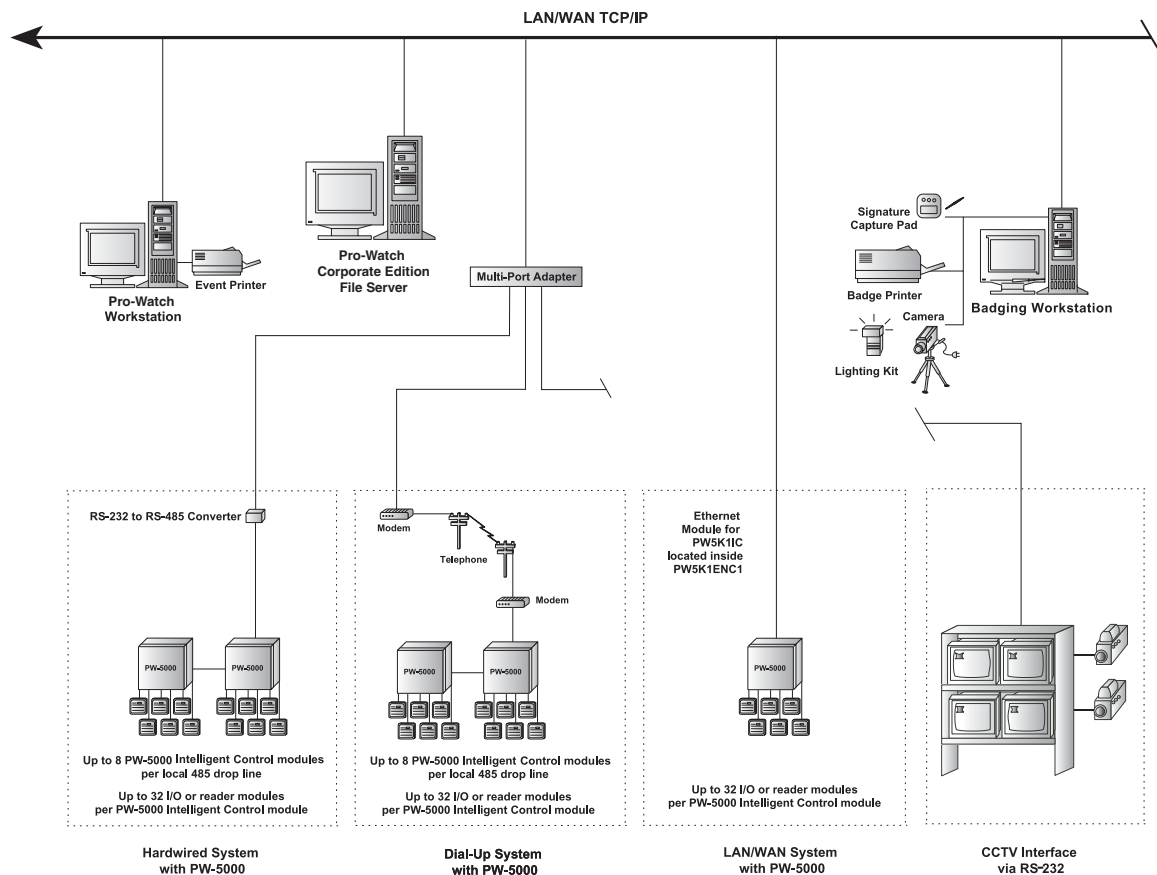### Pro-Watch 3.7 + DVM R200 Integration

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, utilising 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 utilise 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

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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)
HNMAPW	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
PWNT3CCTVAD	Server License for American Dynamics CCTV Interface
PWNT3EXECCTVBR	Server License for Burle CCTV Interface
PWNT3EXECCTVPE	Server License for Pelco CCTV Interface
PWNT3EXECCTVVI	Server License for Vicon CCTV Interface
PWNT3EXECCTVIN	Server License for Integral Technologies Digital Video Interface
PBVC16	PCI Video Capture Card for Photo Capture

Microsoft
GOLD CERTIFIED
Partner

Honeywell is a member of the Microsoft® Certified Gold Partner program.

For additional information,
please visit www.honeywell.com/security/uk

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