

PRO-WATCH™ CORPORATE EDITION SECURITY MANAGEMENT SYSTEM



Pro-Watch™ Corporate Edition is designed to meet the needs of the most demanding security management applications. Corporate Edition operates in the Microsoft Windows Server environment and uses SQL as the database engine to provide the most powerful capabilities in information management and network communications.

Corporate Edition is based on the Pro-Watch™ platform, which allows your system to expand without changing the user interface or database structure. This common platform also includes the following features and benefits:

- Pro-Watch uses Unicode, a worldwide character set standard. Unicode enables a single software product to be targeted across multiple platforms, languages and countries without reengineering. By utilizing the Unicode standard, NexWatch can now support double-byte character sets to facilitate adaptation of the Pro-Watch user interface and documentation to new international markets. This enhanced flexibility allow NexWatch to expand its multilingual Pro-Watch portfolio, which already includes English, French, German, and Arabic.
- A multi-tiered client server architecture. This feature employs an industry-standard, back-end; Microsoft SQL Server 2000, plus a multi-threaded Pro-Watch server in the application logic tiers and an intuitive set of user interfaces that observes Microsoft User-Interface guidelines.
- Pro-Watch is the only security management system certified by Microsoft that allows seamless growth into an Enterprise application. Whether it is a 2-door system or a 20,000 - door system, Pro-Watch software suite allows seamless growth without ever having to change user interfaces or learn a new application.
- Pro-Watch provides seamless integration with other third party facility management subsystems like CCTV, Pagers, Intercoms, and Digital Storage Devices. Pro-Watch supports a "Generic Channel" capability that allows customized interfaces to previously unsupported third party devices.
- 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 the simplicity to make it work for you.

FEATURES

- Certified for Microsoft® Windows 2000 Professional and Server'
- Integrated VAST and Rapid Eye Digital Video solutions from ADEMCO Video
- Integrated STAR 2 CHIP support for enhanced access control features
- Integrated Precise Biometric Smart Card enrollment
- SEEP Hardware Support, allowing control of 808, 818, 4100, and STAR I controllers
- Multiple database partitioning allows system administrator to restrict access to sensitive information by User ID, providing higher levels of security
- Direct import of AutoCAD drawings with layer views allows for reduced commissioning costs and time
- Multiple Database Processing uses the latest Microsoft database engine technology (OLE-DB)
- Global "Find" utility allows information to be easily accessed and recalled
- Integrated Badging and CCTV functions with a single user interface eliminating 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
- Operator keystrokes are reduced by using macros to combine operations into a single keystroke or mouse click
- Savable search templates are available for quick lookup of all system
- Integrated real point status monitor allows for quick evaluation of point status

BENEFITS

- Robust security model with custom 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
- User definable "drag and drop" hardware templates make system setup and maintenance easy

SPECIFICATIONS *

Access control

- Cardholders: Unlimited with Pro-Watch software
- Clearance codes: Unlimited with Pro-Watch software
- Time Zones: Unlimited with Pro-Watch software
- Holidays: 255
- On-line transaction storage: Limited only by drive space
- Controllers: Unlimited with Pro-Watch Software
- Reader: Unlimited (128 Standard)
- Elevator Control: Up to 128 Floors

Alarm Monitoring

- Monitor points: Unlimited with Pro-Watch software / 512 per PW-Series Intelligent Controller channel
- Operators/passwords: Unlimited
- User-defined cardholder data fields: Unlimited

Reporting & Operating

- Operator instructions: Definable per Alarm Point & Type
- Reports: Defaulted with Pro-Watch software / User definable via Crystal Reports
- Graphical map import: DWG / DXF / PCX / WMF / BMP

Technology support

- Digital proximity
- Wiegand
- Keypad
- Magnetic stripe
- Barcode
- Biometrics (Hand & Fingerprint)
- Smart cards

Standard features

- Access Control
- System and Activity Monitoring
- Database Management Tools
- Database & Event Reporting
- Map Manager
- 2-Person Rule
- Video Verification
- VAST and VideoBlox CCTV Interfaces
- Mustering & Tracking

Other

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

Server/Client CPU requirements

Computer peripherals

- One (1) USB Port
- Mouse and Keyboard
- 2 Gig Minimum Hard Disk
- 17" SVGA Monitor with 800 X 600 Resolution
- 2 Comm Ports Minimum
- 10/100 Network interface Card
- 1 LPT Port for Report / 1 LPT Port for Video Badging
- 16 X CDROM Minimum
- Backup media (Seagate Tape – SCSI Recommended)

Optional

- 56K-V.90 modem & Remote Emulation Software
- Data Transfer Utility Module
- Video Badging Module
- Laser printer for reports
- Sound card with speakers
- CCTV Interface Module

System Requirements

Fileserver CPU requirements

- Microsoft Windows 2000 Server or Windows NT Server
- CPU Pentium III with 500 MHz and 512 Mb RAM

Access Control Client Workstation CPU requirements

- Microsoft Windows 2000 Professional or Windows NT Workstation
- CPU Pentium III with 400 MHz and 128 Mb RAM

Video Badging Client Workstation CPU requirements

- Microsoft Windows 2000 Professional or Windows NT Workstation
- CPU Pentium III with 500 MHz and 256 Mb RAM

Recommended Components

Controllers

- Star I Controller (92410250020)
- Star 2 Controller (92410250030)
- PW-3000 Intelligent Controller (PW3K11C)
- PW-5000 Intelligent Controller (PW5K11C)

* Specifications may be dependant on the model of controller used.

†Database values may exceed current limitations of some Security Management Systems.

Reader/Input/Output Modules

- 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)
- 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)

Readers**Proximity Readers****HID**

- PR-MAX-PRO (24" Reader Range)
- PR-P-PRO (8" Reader Range)
- PR-MINI-PROX (5" Reader Range)

Indala

- FP603 (4" Reader Range)
- FP605 (4" Reader Range)
- FP610 (10" Reader Range)
- FP620 (24" Reader Range)

OmniTek Proximity Readers

- OP10-FWMNEX (2-3" Reader Range)
- OP30-FWMNEX (4" Reader Range)
- OP40-FWMNEX (4" Reader Range)
- OP45-FWMNEX (3.5" Read Range)

OmniTek OmniSmart™ Readers

- OS30SWM-NEX (2.5 - 3.75" Reader Range)
- OS10SWM-NEX (2 - 2.5" Reader Range)
- OS40SWM-NEX (2.5 - 3.5" Reader Range)

NexWatch DigiReaders

- DR4201 (Up to 1.5" Reader Range)
- DR4205 (Up to 4" Reader Range)
- DR4208 (Up to 8" Reader Range)
- DR4220 (Up to 20" Reader Range)

Credentials**Proximity:****HID Proximity Cards****Indala Proximity Cards****Magnetic Stripe**

- NC-2 (32-Bit Standard)
- PVC-M-2 (PVC Card for Video Badging)

Wiegand

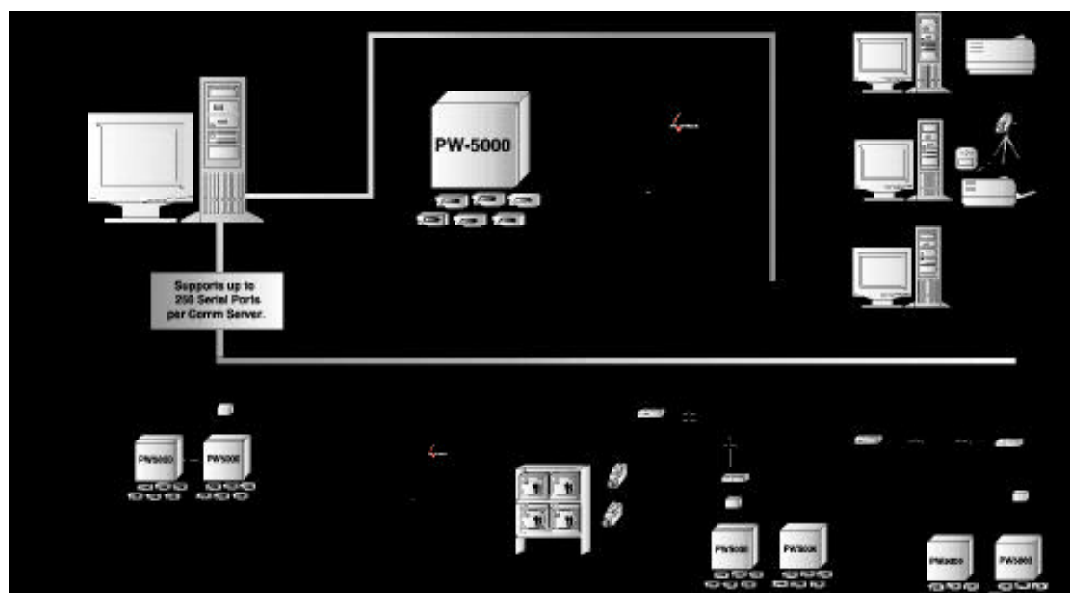
- SC-2 (26-Bit with Hot Stamp Number)
- PVC-W-2 (26-Bit with Hot Stamp Number for Video Badging)

NexWatch Digital Proximity Cards

- QuadraKey multiple-technology card (92040025000)
- 2Smart™ Key multiple-technology card (92040025500)
- NexKey digital proximity card (92040200000)
- KeyMate proximity key fob (92040400000)

BENEFITS

- SEEP Hardware Protocol Support (communications to existing 808 / 818 / 4100 / Star 1 controller capability)
- Direct import of AutoCAD drawings with layer views allows for reduced commissioning costs and time
- Global "Find" utility allows information to be easily accessed and recalled
- Integrated Badging and CCTV functions with a single user interface eliminating the need for 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

PRO-WATCH CONFIGURATION

ORDERING INFORMATION

| Order # | Description |
|---|--|
| Pro-Watch Corporate Edition Systems | |
| PWCESYS | Pro-Watch CE Server Computer and Software (1) Server License, (4) Concurrent User Licenses, (1) Concurrent Badging License, (128) Readers License |
| PWCESYSCL | Client Computer (No License) |
| PWCESWCL | Single Concurrent User Software License Add-on |
| PWCESWCL5 | 5-User Software License Add-on |
| PWCESWCL10 | 10-User Software License Add-on |
| PWCESWCL15 | 15-User Software License Add-on |
| PWCESWCL20 | 20-User Software License Add-on |
| PWCERDR64 | 64 Reader License Add-on (in addition to the 128 standard readers) |
| PWCEBADGE | Single Concurrent Badging License Add-on (includes Video Capture Card) |
| PWCESYSBADGE | Badging Computer(No License) |
| Pro-Watch Corporate Edition Software | |
| PWCESW | Pro-Watch CE Server Software - (1) Server License, (4) Concurrent User Licenses, (1) Concurrent Badging license, (128) Readers License |
| PWCESWCL | Single User Software License Add-on |

ORDERING INFORMATION

| Order # | Description |
|--|---|
| Pro-Watch Corporate Edition Software (Cont'd) | |
| PWCESWCL5 | 5-User Software License Add-on |
| PWCESWCL10 | 10-User Software License Add-on |
| PWCESWCL15 | 15-User Software License Add-on |
| PWCESWCL20 | 20-User Software License Add-on |
| PWCERDR64 | 64 Reader License Add-on(in addition to the 128 standard readers) |
| PWCEBADGE | Single Concurrent Badging License Add-on (includes Video Capture Card) |
| Pro-Watch Software Options | |
| PWDBUT | Pro-Watch Database Transfer Utility (Import / Export) |
| PWNT3EXECCTVAD | 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 |
| PWNT-BACKUP | Microsoft Windows NT and SQL Backup Software |
| PBVC13 | PCI Video Capture Card for Photo Capture |
| PWNTSOFTREP | Co-Standby Server Software (Consult Factory for Complete Quotation) |
| PWNTSMART2200RM | Uninterruptable Power Supply |

Complete system solutions for access control and security management



**Security Management
Systems**



**Access Control
Systems**



Readers



Credentials

MAIN OFFICE
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414 766-1798 Fax

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