Pro-Watch™ Professional Edition is an economical solution for small to midsize applications. Designed to operate efficiently without the requirement of a server-based operating system, Professional Edition uses the Microsoft Data Engine (MSDE) to provide a powerful solution for applications with 1 to 5 users and up to 64 entrances.

Professional 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.

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PRO-WATCH PROFESSIONAL EDITION SECURITY MANAGEMENT SYSTEM

**SPECIFICATIONS**

**Access control**
- Cardholders: Unlimited with Pro-Watch software
- Clearance codes: 32 per Cardholder
- Time Zones: Unlimited with Pro-Watch software
- Holidays: 255
- On-line transaction storage: Limited only by drive space
- Controllers: Unlimited with Pro-Watch software
- Readers: up to 64 (32 standard)
- Elevator Control: Up to 128 Floors

**Alarm Monitoring**
- Monitor points: Unlimited with Pro-Watch software / 512 per PW-5000 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)

**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 Support
- Mustering & Tracking

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

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**Server/Client CPU requirements**

**Computer peripherals**
- One (1) USB Port
- Mouse and Keyboard
- 2 Giga 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**
- CPU Pentium III with 500 MHz and 512 Mb RAM

**Access Control Client Workstation CPU requirements**
- CPU Pentium III with 500 MHz and 512 Mb RAM

**Video Badging Client Workstation CPU requirements**
- Microsoft Windows 2000 Professional, Server, Windows NT Workstation, or Servers
- CPU Pentium III with 500 MHz and 256 Mb RAM

**Recommended Components**

**Controllers**
- STAR 1 Controller (92410250020)
- STAR 2 Controller (92410250030)
- PW-3000 Intelligent Controller (PW3K1IC)
- PW-5000 Intelligent Controller (PW5K1IC)

†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)

Reader/Input/Output Modules(Continued)
- 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 (92410008480)

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" Reader Range)

- OmniTek OmniSmart™ Readers
  - OS30SWM-NEX (2.5 - 3.75" Reader Range)
  - OS40SWM-NEX (2.5 - 3.5" 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
    - PX-4-H (34-Bit)
    - PX-26-H (26-Bit)
    - PVC-H-4 (34-Bit for Video Badging)
    - PVC-H-4-26 (26-Bit for Video Badging)
    - PVC-H-5 (34-Bit with Magnetic Stripe for Video Badging)
  - Indala Proximity Cards
    - PX-121-I (26-Bit)
    - PVC-I-6 (26-Bit with Magnetic Stripe for Video Badging)
    - PVC-I-7 (26-Bit for Video Badging)
- Magnetic Stripe
  - SC-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)

PRO-WATCH CONFIGURATION

BENEFITS
- SEEP Hardware Protocol Support (communications to existing 808 / 818 / 4100 / Star I 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
ORDERING INFORMATION

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<th>Order #</th>
<th>Description</th>
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<tbody>
<tr>
<td>Pro-Watch Professional Edition Systems</td>
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<tr>
<td>PWPESYS</td>
<td>Pro-Watch PE Server Computer and Software - (1) Server License, (1) Concurrent User Licenses, (1) Concurrent Badging License, (32) Readers License</td>
</tr>
<tr>
<td>PWPESA</td>
<td>Pro-Watch PE Stand-Alone Computer and Software - (1) Server License, (1) Concurrent User Licenses, (1) Concurrent Badging License, (32) Readers License</td>
</tr>
<tr>
<td>PWPESYCL</td>
<td>Single Concurrent User Software License Add-on</td>
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<tr>
<td>PWPESWCL</td>
<td>Single Concurrent User Software License Add-on</td>
</tr>
<tr>
<td>PWPERDR32</td>
<td>32 Reader License Add-on (in addition to the 32 standard readers for 64 total)</td>
</tr>
<tr>
<td>PWPEBADGE</td>
<td>Single Concurrent Badging License Add-on (includes Video Capture Card)</td>
</tr>
<tr>
<td>PWPESYSBADGE</td>
<td>Badging Computer (No License)</td>
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<tr>
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<td>Pro-Watch PE Server Software - (1) Server License, (1) Concurrent User Licenses, (1) Concurrent Badging license, (32) Readers License</td>
</tr>
<tr>
<td>PWPERCL</td>
<td>Single User Software License Add-on</td>
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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
- PWNTBACKUP: 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**

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**NexWatch**

Your Access to the Future

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