NexWatch

Access Control System

Microsoft GOLD CERTIFIED Partner

PRO-WATCH™ PROFESSIONAL EDITION SECURITY MANAGEMENT SYSTEM

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.

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 databse 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 comissioning 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

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SPECIFICATIONS

BENEFITS

- 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

- User definable "drag and drop" hardware templates make system setup and maintenance easy

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

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 Professional Server, Windows NT Server and Windows NT Workstation
- CPU Pentium III with 500 MHz and 512 Mb RAM

Access Control Client Workstation CPU requirements

- Microsoft Windows 2000 Professional Server, Windows NT Server and Windows NT Workstation
- CPU Pentium III with 500 MHz and 128 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 I 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 (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)
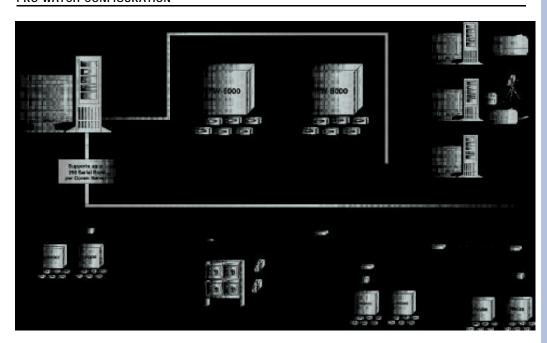 - OP40-FWMNEX (4" Reader Range)
  - OP45-FWMNEX (3.5" Read Range)

- 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
    - 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 wth Magnetic Stripe for Video Badging)
    - PVC-I-7 (26-Bit for Video Badging)
- 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)

PRO-WATCH CONFIGURATION

BENEFITS

- SEEP Hardware Protocol Support (communciations 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

Order #	Description
Pro-Watch Professional Edition Systems	
PWPESYS	Pro-Watch PE Server Computer and Software - (1) Server License, (1) Concurrent User Licenses, (1) Concurrent Badging License, (32) Readers License
PWPESA	Pro-Watch PE Stand-Alone Computer and Software - (1) Server License, (1) Concurrent User Licenses, (1) Concurrent Badging License, (32) Readers License
PWPESYSCL	Client Computer (No License)
PWPESWCL	Single Concurrent User Software License Add-on
PWPERDR32	32 Reader License Add-on (in addition to the 32 standard readers for 64 total)
PWPEBADGE	Single Concurrent Badging License Add-on (includes Video Capture Card)
PWPESYSBADGE	Badging Computer(No License)

ORDERING INFORMATION

Order #	Description
Pro-Watch PE Software	
PWPESW	Pro-Watch PE Server Software - (1) Server License, (1) Concurrent User Licenses, (1) Concurrent Badging icense, (32) Readers License
PWPESWCL	Single User Software License Add-on
PWPERDR32	32 Reader License Add-on(in addition to the 32 standard readers for 64 total)
PWPEBADGE	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

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