

## Pro-Watch® 4.2

### Security Management Suite



Designed to meet the challenges of today's demanding environments, Honeywell's Pro-Watch security management suite provides the flexibility, scalability and control required for comprehensive security management. Pro-Watch equips organizations with the right tools to protect people, secure assets and ensure regulatory compliance by combining access control, digital video, intrusion and other functions into one powerful system.

Integration with access control and video systems from Honeywell and third party manufacturers makes it possible to leverage existing installed hardware as the system expands. Modular hardware and software options make it easy and cost-effective to expand a system to keep up with growing business needs.

With Pro-Watch Web Based Client, customers can utilize their existing network infrastructure to provide remote security management for badging, reporting, and alarm and event monitoring. Less software allows for savings on installation costs and time while continuing to provide optimal security protection.

The Pro-Watch suite offers base software licenses that address security needs from small sites to global enterprises:

- **Pro-Watch Lite Edition:** Basic functionality for the small office with support for up to 32 doors on PW-Series panels.
- **Pro-Watch Professional Edition:** Complete security functionality with more options for medium-sized organizations with up to 64 doors or organizations requiring integrated processes or regulatory compliance.

- **Pro-Watch Corporate Edition:** Complete security for larger organizations and campuses. Additional high availability options make this edition the optimal choice for organizations requiring 24/7 business continuity plans for their security system.
- **Pro-Watch Enterprise Edition:** Global security system that merges multiple Pro-Watch Corporate Edition systems to efficiently manage badgeholder data and report on events across the organization.

Pro-Watch streamlines tasks with a common user interface to improve operator effectiveness and help organizations minimize training costs. Events may be routed to specific workstations and linked to automated system responses such as camera call-ups and outward notifications. Options for integrating intercom and mass notification components provide a vital link to the security dispatch center.

Pro-Watch provides comprehensive options for audit and reporting to address forensics, compliance and business intelligence data mining needs. The Reporting application includes basic report templates and the capability generate custom reports. Reports can be exported as XLS, CSV and PDF formats.

Pro-Watch provides a solid and proven platform for security systems. It is deployed widely and successfully in office buildings of any size, manufacturing facilities, campuses, government buildings and critical infrastructure.

## FEATURES

- Web Based Client for Badging, Reporting, Alarm and Event Monitoring.
- Supports Windows® Server 2008/2012/2012 R2, SQL Server 2008/2012, Windows 7/8/8.1 (32-bit and 64-bit)
- Single user interface for multiple security and business functions
- Integrates video, access, and intrusion. Add HSDK and Pro-Watch can be integrated with other building systems such as secondary fire, lighting and heating, ventilation, and air conditioning.
- Elevator control
- Tracks assigned assets
- Custom triggers and procedures
- Associates events to actions including sending emails, running a stored procedure, or triggering a panel I/O point. Events may be triggered at the Pro-Watch level for panel-to-panel and panel-to-software actions or within a panel for local actions.
- Basic Reports
- Virtualization support for VMWare and Microsoft® Hyper-V
- Compliance Reports that offers
  - Data and statistical reporting
  - Auto generated reports upon schedules
- Easy system setup and maintenance with user definable hardware templates
- Database partitioning and definable operator permissions
- IP, serial and modem communications
- CASI Micro/5 Replacement Program
- Professional, Corporate and Enterprise editions:
  - Standard Badging and Advanced Badging client
  - 2-D PDF417 barcode add-on license for badging
  - Option for Transportation Security Clearinghouse (TSC) background checks in Pro-Watch AP (Airport)
  - Integration to Honeywell's VISTA® panels FBP-128/250 and GX in North America and to Honeywell's Galaxy Dimension GD-48, GD-96, GD-264, GD-520 in Europe
  - Event Procedures triggers on consecutive duplicate events
- Mustering, anti-passback and guard tour
- Minimum and maximum occupancy enforcement
- Integrates video devices added in MAXPRO® VMS
- Supports Command intercom system servers GE200, GE300, GE700 and GE800
- Detailed historic records for tracking configuration changes, security operations and device events to comply with audit requirements for regulatory compliance
- Intercoms linked to readers and locations on maps provide quick access to specific units
- Supports R14 and later AutoCAD files (DWFx or XPS) with add-on license
- Options for integrating biometrics, third-party hardware, radar-video solutions and IT convergence
- High availability and redundant server solutions (Corporate Edition)
- Support for Wireless Locksets from Allegion, Assa Abloy, and Salto
- Support for Disconnected Locksets from Salto

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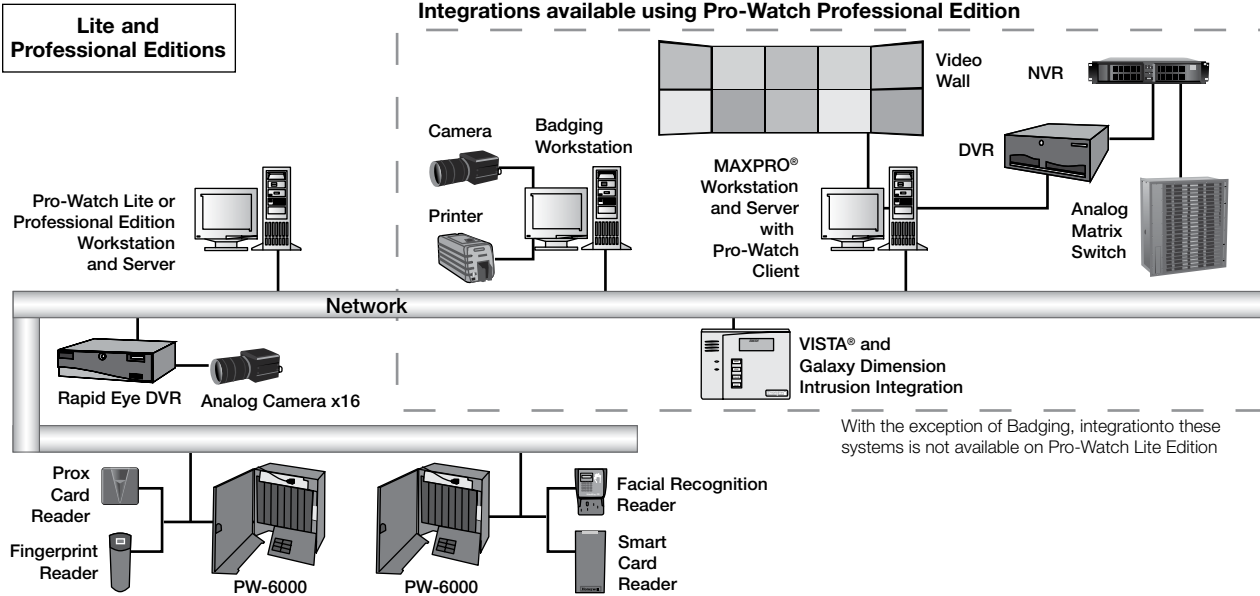
### Small Systems

#### (Pro-Watch Lite and Pro-Watch Professional Editions)

Pro-Watch Lite Edition (PWLE) and Pro-Watch Professional Edition (PWPE) are optimized for the needs of smaller security systems. These editions leverage Microsoft® SQL Express 2012 (included), so the server can be accommodated on either a workstation for a single PC or on a separate server. In either case, additional clients may be connected to the server up to supported limits. Refer to the specifications guide on page 5 for more details.

Pro-Watch Lite Edition offers basic functionality for the small office and features Pro-Watch PW Series access controllers. Additional client licenses can be added as needed up to a total of 5

Pro-Watch Professional Edition is ideal for sites requiring more than 32 readers or additional client workstations.



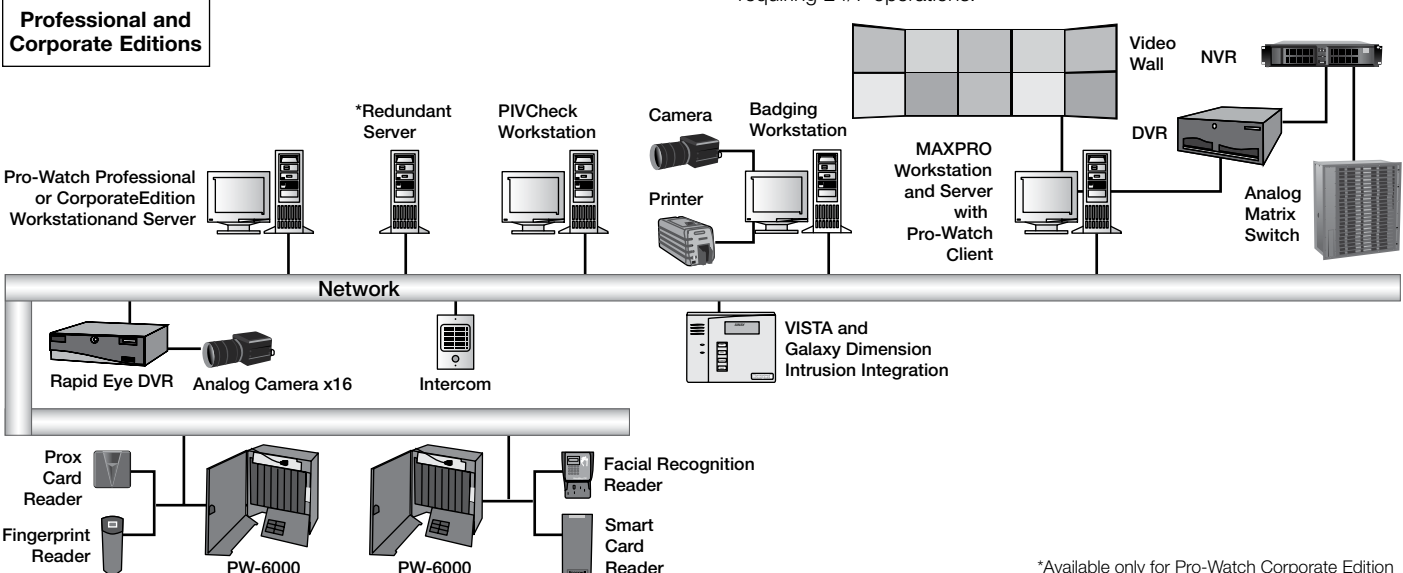
### Medium and Large Systems

#### (Pro-Watch Professional and Pro-Watch Corporate Editions)

Both Pro-Watch Professional Edition (PWPE) and Pro-Watch Corporate Edition (PWCE) are targeted for the needs of medium to large installations. An IT topology deployment with a separate server is recommended. Workstations can be connected via LAN or WAN, making it convenient to manage multiple sites on a single server. Pro-Watch Professional Edition features Microsoft SQL Express 2012 (included).

Both editions offer numerous options to meet a variety of security needs. For limits on connectivity support in PWPE, refer to the specifications guide on page 5.

PWCE is truly the best fit for the largest systems and campuses because it has no restrictions on numbers of add-on readers or workstations. Honeywell also offers redundant solutions on PWCE for organizations requiring 24/7 operations.



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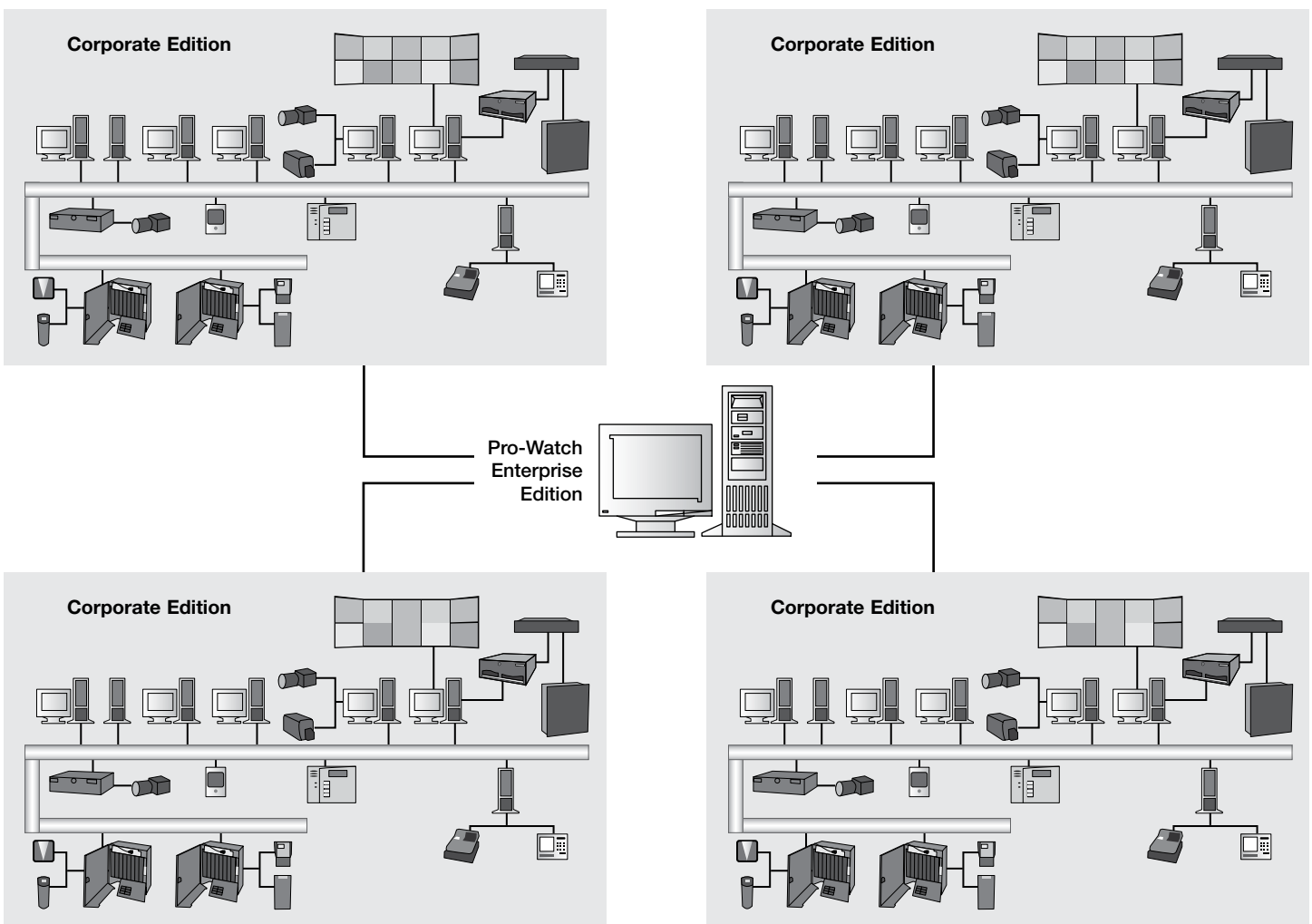
### Enterprise Systems (Pro-Watch Enterprise Edition)

Pro-Watch Enterprise Edition (PWEE) provides a security solution for the global organization by sharing badgeholder identities and event data across the organization.

With a PWEE system, an enterprise server facilitates two-way data sharing among regional servers. This enables single credential solutions across organizations.

If equipped with two or more Pro-Watch Corporate Editions (PWCE), an organization may easily upgrade its servers to become part of an Enterprise system. Each Corporate Edition server becomes a regional server and retains regional system control.

#### Enterprise Edition



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### Pro-Watch Series Access Controllers

- PW-6000 hardware supports up to 32 downstream RS485 I/O or reader boards
- PW-6000 supports encrypted communication to host and 75-bit transparent PIV, TWIC and FRAC readers. The hardware is sold separately.
- PW-3000 hardware supports up to 16 downstream I/O or reader boards. This hardware supports multiple mounting options including high density and tile mount configurations.
- PW-6101 single door controller hardware supports up to 16 network ready door controllers
- CASI Micro/5 Drop In Replacement
  - PW-M51C Plug compatible replacement for legacy CASI Panels



### Mercury Standard Protocol Support

Allows Integration with non-Honeywell third party Mercury based systems, providing a cost effective transition path that eliminates the need to rip and replace existing systems. See your Honeywell Representative for details.

### Honeywell Software Development Kit 2.0

HSDK simplifies security integration with building automation. Using graphical programming, HSDK eliminates the need to write code manually when designing integrated systems that tie security technology together with building systems such as secondary fire, lighting and heating, ventilation, and air conditioning. This approach can significantly reduce the time needed to design integrated building systems from days to a matter of hours.

### Compliance Reports

Pro-Watch Compliance Report Manager helps users create, run, and save custom audit, badge, statistical and transaction reports. Users can choose report columns, define hard-coded and runtime selection criteria filters, define report grouping and select report filtering. Once the report is viewed, users can swap, group or sort columns, print the results or export them to Excel, and save the report to be run anytime in the future—at their convenience or on a schedule. Compliance Report Manager also combines and reports on data from both Pro-Watch and MAXPRO® VMS.



### Bidirectional Intrusion Support\*

Pro-Watch with VISTA® and Galaxy Dimension (Europe only) intrusion integration simplifies the access control process by allowing users to arm or disarm the system with a card. If a user is granted access to a building but does not have the authority to disarm the system, the system can deny access and therefore prevent a false alarm. This is an improvement over a typical non-integrated solution where devices are not aware of what other devices are doing. Security is improved by eliminating user code sharing, by setting card-activated disarm time intervals, or by automatically arming the system when zero occupancy is achieved.

### PIV Check\*

PIVCheck Plus, Mobile and Desktop clients can register PIV and TWIC data easily into Pro-Watch. PIVCheck automatically validates, authenticates and registers PIV, TWIC, CAC, and FRAC cards into Pro-Watch.

### Wireless and Disconnected Readers

Pro-Watch provides installation and cost flexibility by supporting Wireless Readers from Allegion (AD-400 Series), Assa Abloy (Aperio Line) and Salto (Sallis and SVN).

### MAXPRO VMS\*

Controls multiple sources of video components in a facility to collect, manage and present video in a clear and concise manner. MAXPRO VMS intelligently determines the capabilities of each analog or digital video device across various sites, allowing video management of any device through a unified configuration and viewer. Drag and drop cameras from the Pro-Watch hardware tree into MAXPRO VMS views. Alarm integration and advanced features such as pursuit help the operator track a target through a set of sequential cameras with a single click.



### Basic Badging

Multiple card numbers may be assigned per badgeholder to accommodate multi-technology cards or other disparate systems. The system administrator can quickly add additional fields to track necessary badgeholder information.

### Advanced Badging

Advanced Badging features a streamlined user interface that makes it easy to separate badging functions from other Pro-Watch tasks. Advanced Badging enables the user to save favorite badge searches, badge audit views and compliance reports, making it easy to train badging offices, HR, remote offices and others to perform badging tasks.

### Airport Badging\*

Function	Basic	Advanced	Airport
Badge designer, multiple badge designs	•	•	•
Photo and signature capture	•	•	•
Assign and revoke multiple cards per person	•	•	•
Individual card printing	•	•	•
Assign access privileges	•	•	•
Batch card printing		•	•
Saving favorite searches		•	•
Badge audit view and compliance reports		•	•
Biometrics and DESFire smartcard support		Option	•
Do Not Fly list support			•
TSC (Transportation Security Clearinghouse) background checks			Option

Because airports are essentially multi-tenant facilities, management must ensure that all who enter have appropriate clearances/approvals before granting access. Airport Badging extends badging functionality to meet stringent TSA demands for vetting potential badgeholders at airports by supporting checks against the Do Not Fly list and the TSC.

### Radar Video Surveillance (RVS)\*

Honeywell's Radar Video Surveillance (RVS) automates detection, tracking and video response to identify potential threats before they reach the perimeter.

### High Availability Server\*\*

Continuous availability options for LAN bring automation, monitoring, application management and replication together with a focus on maintaining user connectivity to critical applications. The result is the user is isolated from the impact of IT downtime to ensure no business downtime, even if an IT system must be shut down for maintenance.

\* Feature not available on Pro-Watch Lite Edition.

\*\* Feature only available on Pro-Watch Corporate Edition.

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### SPECIFICATIONS

	Lite	Professional	Corporate	Enterprise <sup>3</sup>
<b>Standard client licenses (non-badging)</b>				
Quantity included with base system	1	1	1	2
Maximum quantity supported via add-ons	3	5	Unrestricted	Unrestricted
<b>Badging/Advance Badging client licenses<sup>1</sup></b>				
Quantity included with base system	1	1	1	N/A
Maximum quantity supported via add-ons	3	5	Unrestricted	N/A
<b>Reader licenses</b>				
Quantity included with base system	32	32	96	N/A
Maximum quantity supported via add-ons	32	64	20,000	N/A
<b>Regional server licenses</b>				
Quantity included with base system	N/A	N/A	N/A	1
Maximum quantity supported via add-ons	N/A	N/A	N/A	Unrestricted <sup>2</sup>
<b>Compliance Report Manager client licenses</b>				
Quantity included with base system	N/A	N/A	N/A	N/A
Maximum quantity supported via add-ons <sup>3</sup>	Limited by Standard Client Licenses	Limited by Standard Client Licenses	Limited by Standard Client Licenses	N/A
<b>Database support</b>				
SQL 2012 Express	Yes	Yes	Yes	No
SQL 2008/SQL 2012/SQL 2012 R2	No	No	Yes	Yes

1 Must have a standard client license on a machine in order to run an Advanced Badging client license.

2 Must order one regional server in an Enterprise system for each PWCE server in the system.

3 Enterprise system capabilities align with Corporate for respective regional servers.

Enterprise systems link together two or more Corporate Edition systems to share badgeholder identities and events among the Corporate Edition systems.

### Pro-Watch Client Workstation<sup>1</sup> Requirements

Feature	Requirement
Recommended Processor	Intel® Core™ i3, i5, or i7 Processor 2.8 GHz or higher.
Recommended Operating System	Windows® 8/8.1 (32 or 64 bit) Windows 2012/2012 R2 Server Enterprise or Standard edition (32 or 64 bit)
Recommended PC Type	Workstation or Server hardware
Recommended System Memory (RAM) <sup>1</sup>	4 GB for Windows 7 (32 and 64-Bit) 4 GB for Windows 8/8.1 (32 and 64 bit)
DVD Drive	Yes
Hard Drives	Capacity, Speed, Interface: 80 GB or larger 7,200 RPM SATA or SAS
USB connection	2.0
Network connection	100Mbps/sec or greater, GB recommended
Video resolution	1024x768 pixels; 24 bit color or higher
Multimedia	Standard VGA Graphics Adapter [Display adapter]

1 Includes RAM required by the client machine to run the Windows operating system.

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### Pro-Watch Server' Requirements

Feature	Small System Requirement	Larger System Requirement
Recommended Processor	Intel® Xeon® processor E3 or E5 family 2.4 GHz or higher (4 cores or greater)	Intel® Xeon® processor E5 or E7 family 3.0 GHz or higher (4 cores or greater)
Recommended Operating System	Windows® 7, 8/8.1 (32-bit or 64-bit) Windows Server 2008/2008 R2 Windows Server 2012/2012 R2	Windows Server 2008/2008 R2 (32-bit or 64-bit) Windows Server 2012/2012 R2
Recommended PC Type (Server or Workstation)	Workstation or Server hardware	Server hardware recommended Workstation hardware supported (requires stability in mission critical environments)
Recommended System Memory (RAM)	4 GB minimum, 8 GB recommended or greater (based on OS selected)	8 GB minimum, 16 GB recommended (Windows Server 2008 R2 Standard Edition 32 bit only supports up to 4 GB)
DVD Drive	Yes	Yes
Hard Drives <sup>2-3</sup>	Capacity, Speed, Interface: 160 GB 7,200RPM or higher SATA or SAS  *Size may vary according to transaction storage and other variables such as archives, backups, etc.	RAID Array 1: (OS or hardware based RAID 1) Capacity, Speed, Interface: 160 GB 7,200RPM or higher SATA or SAS  RAID Array 2: (Application Databases) (Hardware based RAID 5 or RAID 10) Capacity, Speed, Interface: 300 GB 7,200RPM or higher SATA or SAS  *Size may vary according to transaction storage and other variables such as archives, backups, etc.
Removable media for database backup <sup>4</sup> database backup <sup>4</sup>	160 GB or larger USB or eSATA drive	300 GB or larger USB drive or eSATA drive
USB connection	2.0 or greater (Pro-Watch Dongle requires 2.0, not required for Pro-Watch 3.81 or greater with SoftKey License)	2.0 or greater (Pro-Watch Dongle requires 2.0, not required for Pro-Watch 3.81 or greater with SoftKey License)
Network connection	100Mbps/sec or greater, GB recommended	100Mbps/sec or greater, GB recommended
Video resolution	1024x768 pixels; 24 bit color or higher Standard VGA Graphics Adapter [Display adapter]	1024x768 pixels; 24 bit color or higher Standard VGA Graphics Adapter [Display adapter]

- For a system to be considered small, the Pro-Watch system shall have less than 5 clients, no more than 128 online readers, less than 5000 historical events per day, and proper database maintenance conducted by the end user or servicing dealer. For a system to be large, it must have between 5000 and 50,000 historical events per day, between 128 and 512 online readers, between 5 and 15 client workstations, and proper database maintenance conducted by the end user or servicing dealer. If the system will have more than 50,000 events per day, exceed 512 online readers, exceed 15 client workstations, or use Pro-Watch server side functions like anti-passback, event triggers and procedures, Real Time Data Transfer Utility, HSDK, etc. please consult Honeywell for custom server sizing.
- RAID technology used for the larger system server – Disk sets 1 and 2. When several physical disks are set up to use RAID technology, the operating system will be installed on a single disk (OS installed on RAID1 mirrored set) and the Database and Storage on a separate disk (RAID 5 or 10 disk set)
- To estimate database storage space, use the following approximations and add to the base DB size of 500MB:
  - Badgeholder storage = (# of badgeholders) x (75KB)\* estimate based on typical captured picture size
  - Event history storage = (# of events per day) x (2.5 KB) x (# of days to retain in server)
  - Audit history storage = [(# of cardholder changes per day) + (# of system configuration changes per day)+(# of events per day)+(# of operator system changes per day)]\* (1.2KB) x (# of days to retain in server)
- Honeywell highly recommends some type of removable media for daily database backups. Database backups should be removed from the server and stored in a safe, secure location so in the event of system failure this valuable data can be recovered. We recommend two or more removable media per server based upon end user processes. Alternatively, Honeywell system installers can engage the end-user's IT group to participate in some type of network backup program.
- Important Notice – These server and workstation hardware guidelines are intended for use as a reference only. The specifications are subject to changes due to market conditions, software updates, manufacturing changes, and other variables outside of our control. Honeywell recommends for planning based on system growth and expansion, operating system updates and upgrades, database engine updates and upgrades, end user system expansion, historical data retention requirements, and archive data storage requirements. Please consult with Honeywell as applicable for assistance.

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### ORDERING

#### Pro-Watch Lite Software

##### Base software license

**PW42LTSW** Pro-Watch 4.2 LE Server Software -  
1 Server License, 32 Reader License

##### Add-on client license

**PW42LTSWCL** Single Concurrent User LE Edition  
Software License add-on

**PWBADGEL** Pro-Watch 4.2 Single Concurrent Classic/  
Advanced Badging License add-on for PWPE  
and PWCE. This includes license only and  
requires a single concurrent client license  
(part PW42LTSWCL).

##### Upgrades

**PW42LRUPG** Upgrade from Pro-Watch Lite Edition  
3.7X-3.8x to Pro-Watch 4.2

**PW42LTPE32R2U** Upgrade from Pro-Watch 4.2 LE to  
Pro-Watch 4.2 PE with one client

**PW42LTPE32R3U** Upgrade from Pro-Watch 4.2 LE to  
Pro-Watch 4.2 PE with two clients

**PW42LTPE32R4U** Upgrade from Pro-Watch 4.2 LE to  
Pro-Watch 4.2 PE with three clients

#### Pro-Watch Professional Edition Software

##### Base software license

**PW42PESW** Pro-Watch 4.2 PE Server Software  
1 Server License, 1 Concurrent User License,  
1 Concurrent Advanced Badging License,  
32 Reader License

##### Add-on client licenses

**PW42SWCL** Single User Software License add-on for  
PWPE and PWCE

**PWBADGEL** Pro-Watch 4.2 Single Concurrent Classic/Advanced  
Badging License add-on for PWPE and PWCE.  
This includes license only and requires a single  
concurrent client license (part PW42SWCL).

##### Pro-Watch Airport Badging

Call for details

##### Add-on reader licenses

**PWRDR32** 32 Reader License add-on, in addition to  
the 32 standard readers. (PWPE supports  
a maximum of 64 readers.)

**PWWRDR** 1 Wireless Reader License

##### Upgrades

**PW42PRUPG** Upgrade from Pro-Watch Professional Edition  
3.7X-3.8x to Pro-Watch 4.2

**PWPECE32R** Upgrade from PE to CE for one server,  
maintains user count from PE and increases  
readers from 32 to 96

**PWPECE64R** Upgrade from PE to CE for one server,  
maintains user count from PE and increases  
readers from 64 to 96

##### PWSTDMERIC

1 Mercury Standard Protocol Intelligent  
Controller License

#### Pro-Watch Corporate Edition Software

##### Base software license

**PW42CESW** Pro-Watch 4.2 CE Server Software  
1 Server License, 1 Concurrent User License,  
1 Concurrent Classic/Advanced Badging License,  
License for 96 readers

##### Add-on client licenses

**PW42SWCL** Single User Software License add-on for  
PWPE and PWCE

**PWBADGEL** Pro-Watch 4.2 Single Concurrent Classic/Advanced  
Badging License add-on for PWPE and PWCE.  
This includes license only, and requires a single  
concurrent client license (part PW42SWCL).

##### Pro-Watch Airport Badging

Call for details

##### Add-on reader licenses

**PWRDR32** 32 Reader License add-on

**PWRDR64** 64 Reader License add-on

**PWRDR128** 128 Reader License add-on

**PWRDR256** 256 Reader License add-on

**PWRDR512** 512 Reader License add-on

**PWWRDR** 1 Wireless Reader License

**PWDSRDR** 1 Salto Disconnected Wireless Reader License

**PWSTDMERIC** 1 Mercury Standard Protocol Intelligent  
Controller License

##### Upgrades

**PW42CRUPG** Upgrade from Pro-Watch Corporate Edition  
3.7X-3.8x to Pro-Watch 4.2

#### Pro-Watch Enterprise Edition Software

##### Base software license

**PW42EESW** Pro-Watch 4.2 EE Server Software -  
1 Enterprise Server License, 1 Regional Server  
License, 2 Enterprise Client Licenses

##### Add-on client license

**PW42EESWCL** Single User Software License Add-on to connect  
to a PWEE server

##### Add-on regional server license

**PW42EESWRS** Single Regional Server License Add-on to a  
Pro-Watch CE server to allow connection to a  
PWEE system

##### Upgrades

**PW42ERUPG** Upgrade from Pro-Watch Enterprise Edition  
3.7X-3.8x to Pro-Watch 4.2

#### Building Automation Integration Software

##### HSDK

Honeywell Software Development Kit. Tie building  
automation systems with security technology  
without the need to write code. Call for details.

# Pro-Watch® 4.2

## Security Management Suite

### ORDERING

#### Common Add-ons and Accessories for Pro-Watch Professional Edition and Corporate Edition

##### Client add-on licenses

<b>PWDWFX</b>	Plug-in for viewing DWFX format files (supported by AutoCAD 2008 and later) in Pro-Watch. License required per concurrent standard client license (PW8SWCL)
<b>PWPDF427</b>	Plug-in for Classic, Advanced and Airport Badging: Allows generation of PDF427 2-D barcodes. License required per concurrent badging client (PW4BADGEL).

##### Badging hardware accessories

<b>PBCAM21</b>	USB 2 Megapixel Camera
<b>PBCAM21PS</b>	Replacement power supply for PBCAM21
<b>PBLK3</b>	Single-point lighting kit for PBCAM21
<b>3652-0001</b>	Rio Pro: single-sided printer
<b>3652-0021</b>	Rio Pro Duo: double-sided printer

##### Intrusion panel connection licenses

<b>PWVISTA1</b>	1 Panel License for VISTA®-FBP128/250, BPE128/250 and BPT128/250 (not available in Europe)
<b>PWVISTA5</b>	5 Panel License for VISTA-FBP128/250, BPE128/250 and BPT128/250 (not available in Europe)
<b>PWVISTA10</b>	10 Panel License for VISTA-FBP128/250, BPE128/250 and BPT128/250 (not available in Europe)
<b>PWDIMEN1</b>	License for One Dimension Intrusion Panel (not available in North America)

##### Data import/export license

<b>PWDBUT</b>	Pro-Watch Database Transfer Utility Import/Export
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##### Intercom system connection licenses

<b>PWINTSTENO</b>	Pro-Watch interface to Stentofon Intercom System
<b>PWINTCOMMEND</b>	Pro-Watch interface to Commend Intercom System

##### Direct video connection licenses

<b>PWNT3CCTVAD</b>	Server License for American Dynamics CCTV Interface 2050 Megapower
<b>PWNT3EXECCTVBR</b>	Server License for Burle CCTV Interface Allegiant Series
<b>PWNT3EXECCTVPE</b>	Server License for Pelco CCTV Interface CM9760
<b>PWNT3EXECCTVVI</b>	Server License for Vicon CCTV Interface VPS1300
<b>PWNT3EXECCTVIN</b>	Server License for Integral Technologies Digital Video Interface

#### Redundancy for Pro-Watch Corporate Edition

##### Failover software licenses and installation support

<b>NFHALAN</b>	Neverfail's continuous availability solution provides automatic failover to a secondary, or if desired, tertiary server. Includes Neverfail for SQL Server – 2 Nodes and first year support. Please contact your regional sales rep for details.
<b>NFHAWAN-KIT</b>	Neverfail High Availability WAN KIT – Includes Neverfail for SQL Server – 2 Nodes, Neverfail WANSmart Add-on and first year support. Please contact your regional sales rep for details.
<b>OSSNLAN</b>	On-site Support for Pro-Watch High Availability Software (LAN)
<b>OSSNWWAN</b>	On-site Support for Pro-Watch High Availability Software (WAN)

##### Licenses for redundant Pro-Watch CE server

<b>PW42CESWR</b>	Redundant PWCESW Server & License
<b>PW42SWCLR</b>	Redundant PWCE Single User License
<b>PWRDR32R</b>	Redundant PWCE 32-Reader License
<b>PWRDR64R</b>	Redundant PWCE 64-Reader License
<b>PWRDR128R</b>	Redundant PWCE 128-Reader License
<b>PWRDR256R</b>	Redundant PWCE 256-Reader License
<b>PWRDR512R</b>	Redundant PWCE 512-Reader License
<b>PWWRDRR</b>	1 Redundant Wireless Reader License
<b>PWDSRDRR</b>	1 Redundant Salto Wireless Reader License
<b>PWBADGELR</b>	Redundant PWCE Classic/Advice Badging License
<b>PWSTDMERICR</b>	Redundant 1 Mercury Standard Protocol Intelligent Controller License
<b>PWDBUT-R</b>	Redundant PWCE DTU License
<b>PWVISTA1-R</b>	1 Panel Redundant License for VISTA
<b>PWVISTA5-R</b>	5 Panel Redundant License for VISTA
<b>PWVISTA10-R</b>	10 Panel Redundant License for VISTA
<b>PWDIMEN1-R</b>	1 Panel Redundant License for VISTA
<b>PWINTSTENO-R</b>	Redundant Pro-Watch interface to Stentofon Intercom System
<b>PWINTCOMMEND-R</b>	Redundant Pro-Watch interface to Commend Intercom System
<b>PWNTXECCTVAD-R</b>	Redundant PWCE AD CCTV License 2050 Megapower
<b>PWNTXECCTVBR-R</b>	Redundant PWCE Burle CCTV License Allegiant Series
<b>PWNTXECCTVPE-R</b>	Redundant PWCE Pelco CCTV License CM9760
<b>PWNTXECCTVVI-R</b>	Redundant PWCE Vicon CCTV License VPS 1300
<b>PWNT3EXECCTVINR</b>	Redundant PWCE Integral CCTV License
<b>PWDWFX-R</b>	Plug-in for viewing DWFX format files (supported by AutoCAD 2008 and later) in Pro-Watch. License required per concurrent standard client license (PW42SWCL)
<b>PWPDF427-R</b>	Plug-in for Classic, Advanced and Airport Badging: Allows generation of PDF427 2-D barcodes. License required per concurrent badging client (PWBADGEL)

#### Automation and Control Solutions

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