# Honeywell



# Pro-Watch<sup>™</sup> Installation Guide

Release 4.3.5

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# Honeywell

# Preface

In this preface...

Purpose of this Document Audience Pro-Watch Documentation Set Compliance

# 1.1 Purpose of this Document

The *Pro-Watch Software Suite Installation Guide* provides the procedures and information necessary to install Release 4.3.5 of the Pro-Watch access control system.

Microsoft Windows Server 2008, 2012 or 2016 is recommended for the Pro-Watch Server. Microsoft Windows 7, Windows 8.1, or higher is recommended for the Pro-Watch Client.

# 1.2 Audience

This guide is written for the Pro-Watch system administrator who installs the Pro-Watch software on local machines.

## **1.3 Pro-Watch Documentation Set**

The Pro-Watch Software Suite documentation set includes the following manuals:

- *Pro-Watch Software Suite Guide* in Portable Data File (PDF) format and as an Hypertext Markup Language (HTML) online help file accessed from the software.
- Pro-Watch Software Suite Quick Reference Guide in PDF format.
- Pro-Watch Software Suite Installation Guide in PDF format.
- Pro-Watch Software Suite Release Notes, Release 4.3.5.

# 1.4 Compliance

To obtain applicable EU compliance Declaration of Conformities for this product, please refer to our website, http://www.security.honeywell.com/hsce/international/index.html. For any additional information regarding the compliance of this product to any EU-specific requirements, please contact:

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# **Pro-Watch 4.3.5 Installation**

### In this chapter...

Overview Runtime Requirements Supported Operating Systems Installing Pro-Watch - Preliminary Steps Complete Installation Server-Only InstallationServer-Only Installation Client (Complete) Installation Terminal Client Installation Database Only Installation Custom Installation Installing Pro-Watch - Final Steps Upgrade Installation Process Pro-Watch 4.3.5 product upgrade with SoftKey License Silent Installation

# 2.1 Overview

This guide documents the installation of the Pro-Watch 4.3.5 software. Note that after you install this software, you will also need to complete the Pro-Watch licensing procedure documented in the *Pro-Watch 4.3.5 Software Keys Guide 800-08123V11*.

### 2.1.1 Remote Data Installation

For instructions on remote data installation, please see Disk 2 that was delivered with your Pro-Watch installation package.

### 2.1.2 1.5 GB Free Space Requirement

**Caution:** If the C:\ drive contains less than the recommended 1.5 GB of free space, there is no guarantee that the Pro-Watch installation will be successful.

If Pro-Watch is installed **on a drive other than the C:\ drive**, Pro-Watch still requires at least 1.5 GB of free space for temporary file storage.

### 2.1.3 Install Windows Update "KB2919355"

Pro-Watch 4.3.5 supports SQL 2016. But for SQL 2016 to work properly, you need to make sure that the Windows update "KB2919355" is available and installed to the same system where SQL 2016 is installed.

### 2.1.4 Recommended Screen Resolution and Size

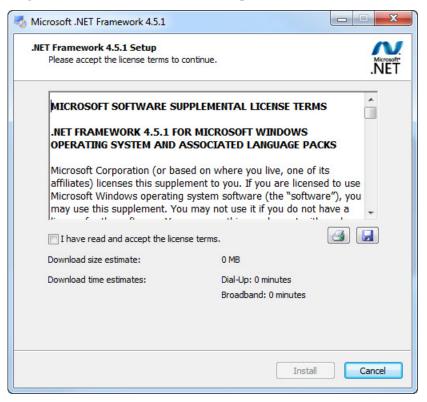
- Screen resolution: 1280 x 1024 pixels and higher.
- Monitor size: 17 inches and higher.

## 2.2 Installing .Net Framework 4.5

To install the .Net Framework 4.5, perform the following steps:

1. Double-click the **dotNet 4.5 setup.exe** icon to display the **NET Framework 4.5 Setup** welcome wizard screen.

Figure 2-1: .NET Framework 4.5 Setup Welcome Wizard



2. Select the I have read and accept the license terms check box and then click Install to display Installation Progress screen.

Microsoft .NET Framework 4.5.1	
Installation Progress	~
Please wait while the .NET Framework is being installed.	.NET
File security verification:	
All files were verified successfully.	
Installation progress:	
Installing .NET Framework 4.5.1	
	Cancel

Figure 2-2: .NET Framework 4.5 Installation Progress Screen

The installation screen displays a status bar showing the progress of the installation. The process takes several minutes. When the installation process is finished the wizard displays the **Installation Complete** screen.

3. Click **Finish** to complete the installation.

## 2.3 Runtime Requirements

Pro-Watch (PW) Software Suite 4.3.5 requires:

- Microsoft .NET Framework 4.5 (32-bit required)
- Microsoft Windows Installer 4.5
- Microsoft Windows PowerShell 1.0

Pro-Watch Software Suite 4.3.5 can run on Windows Server 2008, 2012 or 2016. If Microsoft SQL Server 2012 (or SQL 2014 or SQL 2016) is not installed, the Pro-Watch installation program will install Microsoft SQL Server 2016 Express for you. Note: available for x64 installation only. The MS SQL x64 installation executable must be in the same folder as the Pro-Watch installation executable.

**Caution:** Ensure that these required components are present on the local system; if they are not, you must install them before continuing with the rest of the Pro-Watch installation.

**Note:** The setup file and installation instructions in this guide are valid only for Pro-Watch Version 4.3.5 or greater. Pro-Watch Software Suite Release 3.81 or greater must be already installed if you are upgrading to Release 4.3.5.

# 2.4 Supported Operating Systems

Supported operating systems for Pro-Watch Server:

- Windows Server 2008/2008 R2
- Windows Server 2012/2012 R2
- Windows Server 2016

**Note:** Pro-Watch no longer supports Windows NT 4.0, Windows 2000 Server, Windows 2003 Server, Vista, or Windows XP.

# 2.5 Pro-Watch Software Suite Installation

#### Notes:

- The installation is dependent on the feature check box selected in Installation Wizard.
- Use of the full installer is not allowed when Pro-Watch is already installed. When the users try to do that they get the an error message:

Window	is Installer
2	Another version of this product is already installed. Installation of this version cannot continue. To configure or remove the existing version of this product, use Add/Remove Programs on the Control Panel.
	ОК

Below are the configuration options for installing a new instance of Pro-Watch Software Suite as described in the section "Installing Pro-Watch - Preliminary Steps" on page 9.

- **Complete Pro-Watch Installation** Installs all of the Pro-Watch components. Provides full server and client functionality.
- Server-Only Pro-Watch Installation Installs only the Pro-Watch Server and configures the database.

**Note:** Configuring the Pro-Watch database involves either installing a new database or upgrading a pre-existing database to function with this version of Pro-Watch.

- **Pro-Watch Client (Complete)** Installs only the Pro-Watch client applications.
- Pro-Watch Terminal Client Installs only the Pro-Watch client terminal application.
- Pro-Watch Database Only Configures the Pro-Watch database.

**Note:** Configuring the Pro-Watch database involves either installing a new database or upgrading a pre-existing database to function with this version of Pro-Watch.

• Custom Pro-Watch Installation – Allows the installation of Pro-Watch components custom selected from a list.

**Note:** The Custom Pro-Watch Installation option should only be used by advanced users who understand what components of Pro-Watch are compatible with one another.

In addition to all the above types, there is also a process to **upgrade** an existing version of Pro-Watch. This is described separately in the section "Upgrade Installation Process" on page 35.

#### 2.5.1 Installing Pro-Watch - Preliminary Steps

1. Double-click the **Pro-Watch Installation Wizard** icon to display the Pro-Watch Setup Wizard welcome page:

Figure 2-3: Welcome Screen



#### 2. Click Next to display the Pro-Watch License Agreement screen:

Figure 2-4: End User License Agreement (EULA)

₿	Pro-Watch Softwa	are Suite - Instal	IShield Wi	zard	x
Hor	eywell		-	Pro-Wat	ch™
Pro-W	atch License Agreement				î
	HONEYWELL SOFTWAR	E END-USER LIC	ENSE AGR	EEMENT	^
By installing or using the System, you agree to be bound by the terms and conditions in this End User License Agreement ("EULA"). You agree that you are the end-user of the System and you represent that you are of legal age and are authorized to enter into this EULA on behalf of yourself and any party to whom you grant access to the System.					
1. LICENSE, LIMITS.					
I accept the terms in the license agreement     I do not accept the terms in the license agreement     InstallShield					
		< Back	Next >	Cancel	

- 3. Click the radio button to confirm agreement with the licensing terms and click **Next** to display the **feature installation** screen.
- 4. Select the Pro-Watch Software Suite check-box

#### Explanation of Features

Select the appropriate **check box** for the available feature installation choices described in the table below:

Feature Installation Options	Description
To install Pro- Watch Software Suite	If you want to install Pro-Watch Software Suite: Install the Pro-Watch Software Suite based on your configuration selections as described in <b>"Select an Option Button</b> " on page 13 and Refer sections 2.11 Complete Installation to 2.16 Custom Installation.

 Table 1: Feature Installation Options

### 2.5.2 Installation Steps

If you have selected the **Pro-Watch Software Suite** check box (see Figure 3 on page 12) then continue the steps below and refer the sections 2.11 Complete Installation to 2.16 Custom Installation for Pro-Watch Software Suite installation.

1. Select the **Pro-Watch Software Suite** check box and then click **Next** to display the **Pro-Watch Configurations** screen:

Figure 2-5: Configuration Options

🙀 Pro-Watch Software Suite - InstallShield Wiza	rd 🔀
Honeywell	Pro-Watch
Pro-Watch Configurations Select Configuration Complete Pro-Watch Installation Server-Only Pro-Watch Installation Pro-Watch Client(Complete) Pro-Watch Terminal Client Pro-Watch Database Only Coustom Pro-Watch Installation	Upgrade Database Description This installs all of the features of Pro-Watch. This is appropriate for a server that you wish to also have full client functionality.
Select SQL Version : Microsoft SQL Server 2012 Installation Path C:\Program Files (x86)\ProWatch\ InstallShield	Browse
<u> </u>	Next > Cancel

#### Select an Option Button

2. Select the appropriate **option button** to select one the available installation configuration choices described in the table below:

Table 2: Installation Options

Installation Option	Description
"Complete Installation" on page 15	Installs all of the Pro-Watch components and provides full server and client functionality. We recommend that you administer Pro-Watch from the same local machine.
"Server-Only Installation" on page 20	Installs only the Pro-Watch Server and configures the Pro-Watch database.
"Client (Complete) Installation" on page 22	Installs only the Pro-Watch client applications, the most common installation type when the server components are not needed.
<b>"Terminal Client Installation" on page 26</b>	Installs only the Pro-Watch terminal client application. This configuration allows a user to use a local camera while using Pro-Watch through Remote Desktop or Microsoft Terminal Server Client.

Installation Option	Description
<b>"Database Only Installation" on page 27</b>	Configures the Pro-Watch database. This option allows you to install or upgrade a Pro-Watch database without actually installing Pro-Watch.
"Custom Installation" on page 29	Allows the installation of individual Pro-Watch components (advanced users only).

3. After you select the desired configuration option, in the **Select SQL Version** field select the version that matches your version and click **Next** to display the first screen for the installation process you have chosen.

**Note:** To install Pro-Watch to a folder other than the default, click **Browse** and select an appropriate folder.

## 2.6 Complete Installation

- 1. Complete the "Installing Pro-Watch Preliminary Steps" on page 9.
- 2. Select the **Complete Pro-Watch Installation** option button as explained in the section "Select an Option Button" on page 13.

Figure 2-6: Complete Installation Selection

🔂 Pro-Watch Software Suite - InstallShield Wiz	ard 🗙
Honeywell	Pro-Watch
Pro-Watch Configurations Select Configuration Complete Pro-Watch Installation Server-Only Pro-Watch Installation Pro-Watch Client(Complete) Pro-Watch Terminal Client Pro-Watch Database Only Coustom Pro-Watch Installation	✓ Upgrade Database Description This installs all of the features of Pro-Watch. This is appropriate for a server that you wish to also have full client functionality.
Select SQL Version : Microsoft SQL Server 2012 Installation Path C:\Program Files (x86)\ProWatch\ InstallShield < <u>Back</u>	Browse

3. Select from the drop-down list the SQL version running on your machine.

**Note:** If you do not have any version of SQL installed, a message will appear offering to install **SQL Express 2016**. Click **OK** to install SQL Express 2016.

To change the installation path, click Browse to find and redefine the path.

**Note:** If you want to upgrade the existing Pro-Watch database, select the Upgrade Database check box.

4. Click Next to display the Configure Pro-Watch Server screen.

👘 Pro-Watch Softwar	e Suite - InstallShield Wiz	ard		×
Honeywell			Pro-	Watch*
Configure Pro-Watch	n Server		on o-Watch installat ore than one	tion
Service Account		computer,	then you should service a logon	
Logon Type: 🚺	ormal Logon Account	run under	Then Pro-Watch cess a SQL serve	h will be
User Name:	dmin	running or	n another server	·.
Domain Name: 🛛 🔤	IN-921EMDT8G75	one comp	o-watch installat uter acting as th ent and database	e
Password:	•••••	server,the	en you may choc System" accoun	ose to use
			ecific account is	
InstallShield				
	<u> </u>	tk <u>N</u> e	xt >	Cancel

Figure 2-7: Configure Pro-Watch Server screen

- 5. Select the Logon Type from the drop-down list.
- 6. Enter your user name.
- 7. Select the Domain Name from the drop-down list.

8. Enter the correct **Password** and click **Next** to display the **Configure Pro-Watch Database** screen.

Figure 2-8: Configure Pro-Watch Database (Manual) Screen

🙀 Pro-Watch Software Suite - Installs	ihield Wizard		×
Honeywell		-	Pro-Watch™
Configure Pro-Watch database			
🔽 Manually Configure Database (Advan	ce users only)		
🔽 Use Local Database Server.			
Database Server:			
Instance Name:			
MSSQLSERVER			
Database Path:			
C:\Program Files (x86)\ProWatch\Datab	ase		Browse
InstallShield			
	< <u>B</u> ack	<u>N</u> ext >	Cancel

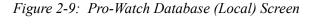
**Note:** When you select SQL Express 2016 as your database, Pro-Watch displays a DOS dialog box while the SQL DB is downloaded. Allow 5 to 10 minutes for the DOS dialog box to display and do not close it before your system finishes with downloading the SQL DB.

9. For manual configuration, select the **Manually Configure Database (Advanced Users Only)** check box, then type in the Database Server name and select the Instance Name (that is, the Pro-Watch Database name) from the drop-down list. If the SQL server you want to use is not in the list, type its name manually. When you have completed this configuration screen, go to Step 8.

Caution: Manual configuration is recommended only for advanced users.

**Note:** In Figure 2-6 if you have selected **Install SQL Express 2016** from the **Select SQL Version** drop-down list, then the Instance Name drop-down in Figure 2-8 and Figure 2-9 will be a text box. A user can type the required instance name. 10. To use the local database server on your machine, select the Use Local Database Server check box. This selection hides the Database Server field, select a instance name from the Instance Name drop-down list.

**Note:** The name you enter for the service account at initial login is the account name that will enable you to log in to Pro-Watch.



🚏 Pro-Watch Software Suite - InstallS	ihield Wizard	1		×
Honeywell			Pro	-Watch
Configure Pro-Watch database				
Manually Configure Database (Advan	ce users only)			
Use Local Database Server.				
Instance Name:				
MSSQLSERVER		-		
Database Path:				
C:\Program Files (x86)\ProWatch\Datab	ase			Browse
InstallShield				
	< <u>B</u> ack	<u>N</u> ext :	>	Cancel

- 11. Define the **Database Path** where Pro-Watch Database files (.ldf and.mdf file) is copied. Click **Browse** to find and redefine the path.
- 12. Click **Next** to display the continuation of the **Configure Pro-Watch Database** screen where you can create a new database.

Figure 2-10: Create New Database Screen

🚏 Pro-Watch Software Suite - Install	Shield Wizard		×
Honeywell			Pro-Watch
Configure Pro-Watch database			
Create New Pro-Watch Database	_		
PWNT			
InstallShield			
	< <u>B</u> ack	<u>N</u> ext >	Cancel

13. To configure an existing database, leave the check box blank and select a Pro-Watch Database Name from the drop-down list

OR

Select the check box and type in the name of the new database that you're creating.

Note: To install the sample reports, select the Install sample Reports check box OR leave the check box blank.

14. Click **Next** to display the **Ready to Install the Program** screen and go to "Installing Pro-Watch -Final Steps" on page 31 to finish the installation process.

## 2.7 Server-Only Installation

The server-only installations do not include any client components.

- 1. Complete the "Installing Pro-Watch Preliminary Steps" on page 9.
- 2. Select the Server-Only Pro-Watch Installation option button as explained in the section "Select an Option Button" on page 13.

**Note:** If you want to upgrade the existing Pro-Watch database, select the **Upgrade Database** check box.

Figure 2-11: Server-Only Selection

oneywell	\$1 <b>1</b>	o-Wat
Watch Configurations	Description This installs only the s components of Pro-W want to administer Pr this computer,use ful option.	Vatch.If you ro-Watch from
nstallation Path C:\Program Files (x86)\ProWatch\ Shield		Browse

3. To change the installation path, click **Browse** to find and redefine the path.

4. Click Next to display the Configure Pro-Watch Server screen:

onfigure Pro-\	Watch Server		Information If your Pro-Watch instal	lation
Service Account			consists more than one computer, then you shou	
Logon Type:	Normal Logon Account	•	Pro-Watch service a log run under.Then Pro-Wa	tch will be
User Name:	asaraf		able to access a SQL ser running on another serv	
Domain Name:	RESTON	•	If your Pro-watch install one computer acting as	the
Password:	•••		server, client and databa server, then you may ch the "Local System" account using a specific account secure.	oose to use unt,although

5. Click **Next** to display the **Ready to Install the Program** screen and go to "Installing Pro-Watch - Final Steps" on page 31 to finish the installation process:

🖥 Pro-Watch Software Suite - Instal	IShield Wizard		
Honeywell		-Pi	o-Watch
Ready to Install the Program			
Features to be installed			
Pro-Watch Communication Server	COM Server	QA20	
	DB Server	<b></b>	
	DB Name	PWNT	
	SVC User	asaraf	
	SVC Domain	RESTON	
nstallShield	< Back	Install	Cancel

# 2.8 Client (Complete) Installation

All Client installations include the following components:

- Alarm Monitor.
- Badge Builder.
- Map Builder.
- Registry Manager.
- Reports.
- Pro-Watch Client Application.
- 1. Complete the "Installing Pro-Watch Preliminary Steps" on page 9.
- 2. Select the **Pro-Watch Client (Complete)** option button as explained in the section "Select an Option Button" on page 13.

Figure 2-12: Client (Complete) Selection

🔂 Pro-Watch Software Suite - InstallShield Wiz	zard 🗙
Honeywell	Pro-Watch
Pro-Watch Configurations Select Configuration Complete Pro-Watch Installation Server-Only Pro-Watch Installation Fro-Watch Client(Complete) Pro-Watch Terminal Client Pro-Watch Database Only Coustom Pro-Watch Installation	Upgrade Database Description This installs all of the client components of Pro-Watch. This is the most common installation for installations of Pro-Watch that do not include the server components.
Installation Path C:\Program Files (x86)\ProWatch\ InstallShield <u>&lt; B</u> a	Browse ck Next > Cancel

Note: For Client (Complete) installation the Upgrade Database check box is not available.

3. Click Next to display the Configure Pro-Watch Client screen:

Figure 2-13: Configure Pro-Watch Client Screen

🚏 Pro-Watch Software Suite - Install	ihield Wizard	م. مرجع المحمد ا	×
Honeywell		-	Pro-Watch
Configure Pro-Watch Client			
🔽 Manually configure Pro-Watch Client(Ac	lvance Users Only)		
Pro-watch Server			
Pro-Watch Server Name			
Database Information			
Database Server			
Pro-Watch Server Name			Refresh
Pro-Watch Database Name			
PWNT			
Install Sample Reports			
InstallShield			
	< <u>B</u> ack	<u>N</u> ext >	Cancel

4. For automatic configuration, select a **Pro-Watch Server** from the drop-down list. Click **Refresh** to refresh the server list. Pro-Watch populates the associated **Database Server** name and the **Pro-Watch Database Name** in their respective fields.

**Note:** If the server you want to connect to is not in the list, or if the Pro-Watch Server is not currently running on this server, you must either start it or use the manual configuration.

 For manual configuration, select the Manually Configure Pro-Watch Client (Advanced Users Only) check box. Select a Database Server from the drop-down list and enter the Pro-Watch Database Name. If the server you want to use is not in the list, type its name manually.

Caution: Manual configuration is recommended only for advanced users.

6. Click **Next** to display the **Ready to Install the Program** screen and go to "Installing Pro-Watch - Final Steps" on page 31 to finish the installation process.

**Note:** If the program displays the following error message during installation, be sure the TCP/ IP protocol is enabled in the SQL Server Network Configuration:

Pro-Watch Software Suite - InstallShield Wizard	×
loneywell	ro-Watch
nfigure Pro-Watch Client	
Manually configure Pro-Watch Client(Advance Users Only)	
o-watch Server	
AD Petroch	1
Pro-Watch Software Suite - InstallShield Wizard	
[Microsoft][ODBC SQL Server Driver][DBNETLIB]SQL Server does not exist	or access denied.
PWNT	
ilShield	
< Back Next >	Cancel

- 7. Run the SQL Server Configuration Manager.
- 8. Select **SQL Server Network Configuration > Protocols for MSSQLSERVER** to display the related protocols.

Sql Server Configuration Manager		
File Action View Help	4	
<ul> <li>SQL Server Configuration Manager (Local)</li> <li>SQL Server Services</li> <li>SQL Server Network Configuration (32bit)</li> <li>SQL Native Client 11.0 Configuration (32bit)</li> <li>SQL Server Network Configuration</li> <li>SQL Server Network Configuration</li> <li>Protocols for MSSQLSERVER</li> <li>SQL Native Client 11.0 Configuration</li> </ul>	Protocol Name Shared Mem Named Pipes	Status Enabled Disabled Enabled

9. If the TCP/IP protocol is not enabled by default, double-click the **TCP/IP** option to display its **Properties** screen:

TCP/IP Properties		? X		
Protocol IP Addresses				
General				
Enabled	No	T.		
Keep Alive	Yes			
Listen All	No			
Enabled	Enabled			
Enable or disable TCP/IP protocol for this s	erver instance			
OK Can	cel Apply	Help		

- 10. For the **Enabled** field, select **Yes** from the drop-down list.
- 11. Click Apply and OK.
- 12. Stop, and then restart the MS SQL service to activate your changes.

# 2.9 Terminal Client Installation

- 1. Complete the "Installing Pro-Watch Preliminary Steps" on page 9.
- 2. Select the **Pro-Watch Terminal Client** option button as explained in the section "Select an Option Button" on page 13.

Figure 2-14: Terminal Client Selection

🔂 Pro-Watch Software Suite - InstallShield W	izard 🗙
Honeywell	Pro-Watch™
Pro-Watch Configurations Select Configuration C Complete Pro-Watch Installation Server-Only Pro-Watch Installation Pro-Watch Client(Complete) Pro-Watch Terminal Client Pro-Watch Database Only C Custom Pro-Watch Installation	Upgrade Database Description This configuration allows a user to use a local camera while using Pro-Watch through Remote Desktop or Microsoft Terminal Server.
Installation Path C:\Program Files (x86)\ProWatch\ InstallShield	ack Next > Cancel

Note: For Terminal Client installation the Upgrade Database check box is not available.

3. Click **Next** to display the **Ready to Install the Program** screen and go to "Installing Pro-Watch - Final Steps" on page 31 to finish the installation process.

## 2.10 Database Only Installation

- 1. Complete the "Installing Pro-Watch Preliminary Steps" on page 9.
- 2. Select the **Pro-Watch Database Only** option button as explained in the section "Select an Option Button" on page 13.

Figure 2-15: Database Only Selection

🙀 Pro-Watch Software Suite - InstallShield Wi	izard 🗙
Honeywell	Pro-Watch
Pro-Watch Configurations Select Configuration C Complete Pro-Watch Installation C Server-Only Pro-Watch Installation C Pro-Watch Client(Complete) C Pro-Watch Terminal Client C Pro-Watch Database Only C Custom Pro-Watch Installation	Upgrade Database Description This allows you to install or upgrade Pro-Watch database without actually installing Pro-Watch.
Select SQL Version : Microsoft SQL Server 201 Installation Path C:\Program Files (x86)\ProWatch\ InstallShield <8	Browse

3. In the Select SQL Version field, select the desired version of Microsoft SQL.

**Note:** If you want to upgrade the existing Pro-Watch database, select the **Upgrade Database** check box.

4. Click Next to display the Configure Pro-Watch Database screen (Figure 2-8).

**Note:** When you select SQL Express 2016 as your database, Pro-Watch displays a DOS dialog box while the SQL DB is downloaded. Allow 5 to 10 minutes for the DOS dialog box to display and do not close it before your system finishes with downloading the SQL DB.

5. For manual configuration, select the **Manually Configure Database (Advanced Users Only)** check box, then type in the Database Server name and select the Instance Name (that is, the Pro-Watch Database name) from the drop-down list. If the SQL server you want to use is not in the list, type its name manually.

Caution: Manual configuration is recommended only for the advanced users.

- 6. To use the local database server on your machine, select the Use Local Database Server check box. (See Figure 2-9.) This selection disables the Database Server field, so you must either type in a new database name or select a local database from the Instance Name drop-down list.
- 7. Click **Next** to display the continuation of the **Configure Pro-Watch Database** screen (Figure 2-10).

8. To configure an existing database, leave the check box blank and select a Pro-Watch Database Name from the drop-down list

OR

To configure a new database, select the check box and type in the name of the new database. To install the new Pro-Watch database to a folder on the SQL server other than the default one, click **Browse** and select a new path.

9. Click Next to display the Ready to Install the Program screen. and go to "Installing Pro-Watch - Final Steps" on page 31 to finish the installation process.

# 2.11 Custom Installation

During both the server and client installations, both the client and server components can be customized. The custom setup option enables you to install only a selected subset of the client and server components.

- 1. Complete the "Installing Pro-Watch Preliminary Steps" on page 9.
- 2. Select the **Custom Pro-Watch Installation** option button explained in the section "Select an Option Button" on page 13.

🚏 Pro-Watch Software Suite - InstallShield W	izard X
Honeywell	Pro-Watch
Pro-Watch Configurations Select Configuration Complete Pro-Watch Installation Server-Only Pro-Watch Installation Pro-Watch Client(Complete) Pro-Watch Terminal Client Pro-Watch Database Only Custom Pro-Watch Installation	Upgrade Database Description This option allows the user to fully customize what Pro-Watch components are installed. This option should only be used by trained technicians.
Select SQL Version : Microsoft SQL Server 201 Installation Path C:\Program Files (x86)\ProWatch\ InstallShield	12  Browse Browse Cancel

Figure 2-16: Custom Installation Selection

3. Select from the drop-down list the SQL version running on your machine.

**Note:** When you select SQL Express 2016 as your database, Pro-Watch displays a DOS dialog box while the SQL DB is downloaded. Allow 5 to 10 minutes for the DOS dialog box to display and do not close it before your system finishes with downloading the SQL DB.

4. To change the installation path, click Browse to find and redefine the path.

**Note:** If you want to upgrade the existing Pro-Watch database, select the **Upgrade Database** check box.

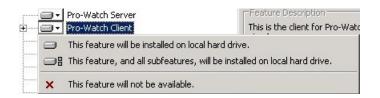
5. Click Next to display the Pro-Watch Custom Installation Options screen.

Figure 2-17: Custom Installation Options

🕞 Pro-Watch Software Suite - InstallShield W	/izard 🗙
Honeywell	Pro-Watch™
Select the program features you want installed.	
Click on an icon in the list below to change how a fea	ature is installed.
Pro-Watch Server	Feature Description
<ul> <li>Pro-Watch Client</li> <li>Pro-Watch SQL Manager</li> <li>Pro-Watch Utilities</li> <li>Pro-Watch Terminal Client</li> <li>Pro-Watch Advanced Badging</li> <li>Pro-Watch Compliance Reports</li> </ul>	This is the system service that Pro-Watch uses to maintain control of devices and communications with Pro-Watch Client. This feature requires 55MB on your hard drive.
InstallShield	Back Next > Cancel

6. In this step you choose which components to install. To modify how a component is installed, click on the icon for that component to view the choices:

Figure 2-18: Feature Installation Options



- 7. Review the components and select the ones you want to install, and click Next.
- 8. The order of the remaining screens depends on your choices of components to install. If you want to install a server (that is, you did not X it out), perform the steps listed in "Complete Installation" on page 15. If you do not want to install a server, mark it as unavailable to be installed and click Next to display the Configure Pro-Watch Client screen (Figure 2-13). Perform the steps in "Client (Complete) Installation" on page 22 for the rest of the procedure.
- 9. Go to "Installing Pro-Watch Final Steps" on page 31.

## 2.12 Installing Pro-Watch - Final Steps

1. The final steps begin on the **Ready to Install the Program** screen:

Figure 2-19: Ready to Install Pro-Watch screen

🛱 Pro-Watch Software Suite - InstallShield Wizard		
Honeywell		Pro-Watch
Ready to Install the Program		
Features to be installed		
Pro-Watch Server Pro-Watch Client	COM Server	WIN-921EMDT8G75
Pro-watch Client Pro-Watch Reports Pro-Watch Badging Client	DB Server	
Pro-Watch Hardware Configuration		WIN-921EMDT8G75
Pro-Watch Database Configuration Pro-Watch Alarm Monitor	DB Name	PWNT
Pro-Watch Map Builder Pro-Watch Configuration Utilities		
Pro-Watch Database Manager Pro-Watch Advanced Badge	SVC User	Admin
Pro-Watch Compliance Reports		
	SVC Domain	WIN-921EMDT8G75
InstallShield		
	< <u>B</u> ack [	Install Cancel

2. Click **Install** to display a status bar showing the progress of the installation.

*Figure 2-20: Installation Status* 

🙀 Pro-Wat	tch Software Suite - InstallShield Wizard	
	Pro-Watch Software Suite	o-Watch™
The pro	ogram features you selected are being installed.	
P	Please wait while the InstallShield Wizard installs Pro-Watch Software This may take several minutes.	e Suite.
	Status:	
InstallShield -	< <u>Back</u> Next >	Cancel

The process takes several minutes.

3. When the installation process is finished, click **Next** to display the **InstallShield Wizard Complete** screen.

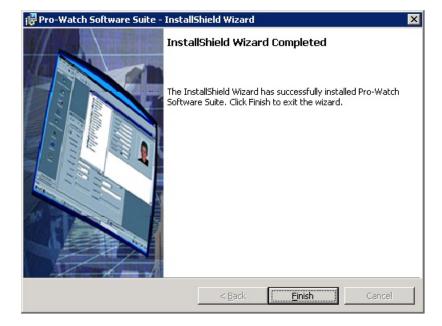
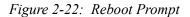


Figure 2-21: Installation Completion Screen

4. Click **Finish**. A small pop-up informs you that you have to reboot the PC for the installation to take effect.



🕞 Pro-W	atch Software Suite Ir	staller Information	×
1	You must restart your system for the configuration changes made to Pro-Watch Software Suite to take effect. Click Yes to restart now or No if you plan to restart later.		
	Yes	No	

- 5. Click **YES** to restart your computer.
- 6. If you are running either the MS Windows 2008 or Windows Server 2012 operating system, set the Pro-Watch Server service type to Automatic (Delayed Start):
  - a. From the system Control Panel, select **Services** to display the list of services installed on the system.
  - b. From the list of services, right-click **Pro-Watch Server** and select **Properties**.

Pro-Watch Server	Name 🔺	Description	Status	Startup Type	Log On As
	Network List Service	Identifies t	Started	Manual	Local Service
<u>Stop</u> the service	🤹 Network Location A	Collects an	Started	Automatic	Network S
<u>Restart</u> the service	🤹 Network Store Inte	This servic	Started	Automatic	Local Service
	Rerformance Count	Enables re		Manual	Local Servic
escription:	🏟 Performance Logs	Performan		Manual	Local Servic
ro-Watch 4.0 Server Service	🌼 Plug and Play	Enables a c	Started	Automatic	Local Syster
	🎑 PnP-X IP Bus Enum	The PnP-X		Disabled	Local Syster
	🎑 Portable Device En	Enforces g		Manual	Local Syster
	A Power	Manages p	Started	Automatic	Local Syster
	🎑 Print Spooler	Loads files	Started	Automatic	Local Syster
	Rroblem Reports an	This servic		Manual	Local Syster
	Rrotected Storage	Provides pr		Manual	Local Syster
	Pro-Watch Server	Pro-Watch	Sharbad	Automatic	.\Admin
	Remote Access Aut	Creates a	Start	natic	Local System
	Remote Access Co	Manages di	Stop	al	Local System
	Remote Desktop C	Remote De	Pause	natic	Local Syster
	🧟 Remote Desktop Se	Allows user	Resume	natic	Network S
	🧠 Remote Desktop Se	Allows the	Restart	al	Local System
	🧟 Remote Procedure	The RPCSS	All Tasks	natic	Network S.,
	🧠 Remote Procedure	In Window		al	Network S
	🎑 Remote Registry	Enables re	Refresh	natic	Local Servic
	Resultant Set of Po	Provides a	Propertie	es al	Local Syster
	Routing and Remot	Offers rout		al	Local Syster
	🔍 RPC Endpoint Mapper	Resolves R	Help	natic	Network S.,
	🖾 Secondary Logon	Enables st		Manual	Local System

c. At the Pro-Watch Server Properties dialog box, select a Startup Type of Automatic (Delayed Start), and click OK. This ensures that the Pro-Watch Server service starts each time you start up Pro-Watch.

Pro-Watch Server	Properties (Local Computer)	×
General Log On	Recovery Dependencies	-
Service name:	PWServer	
Display name:	Pro-Watch Server	
Description:	Pro-Watch 4.0 Server Service	
Path to executabl ''C:\Program Files	e: (x86)\ProWatch\Bin\micserver.exe''	
Startup typ <u>e</u> :	Automatic	
Help me configure	Manual	
Service status:	Disabled	
<u>S</u> tart	Stop Resume	
You can specify t from here.	he start parameters that apply when you stan the service	
Start para <u>m</u> eters:		
	OK Cancel Apply	

# 2.13 Upgrade Installation Process

A previous version of Pro-Watch Software Suite must be already installed before you begin this procedure.

- 1. Before you begin to install the patch:
  - Close out any Pro-Watch software that may be running.
  - Be sure the ProWatchBridgeService service is not running.
- 2. Copy the patch executable onto your machine.
- 3. Double-click on the executable to display the Pro-Watch Setup Wizard Welcome screen.

Figure 2-23: Welcome Screen



4. Click Next to display the Start Installation screen.

If you are installing Pro-Watch Server, select the **Apply Update to Database** check box (if you are installing Pro-Watch Client, the check box is greyed out).

5. Click Next to display the Installing screen.

Figure 2-24: Installing Patch Screen

Installing	
Current File Copying file: C\Program Files (x86)\ProWatch\Bin\ar\P	PanelMover.resources.dll
All Files	
Time Remaining 0 minutes 38 seconds	
Wise Installation Wizard®	< Back Next > Cancel

The status bars display the progress of the installation.

1

6. When the installation is complete, the software automatically displays the message that the installation is successful.

	Pro-Watch 4.2 Patch has been successfully installed.		
	Click the Finish button to exit this installation.		
0			
11 Ph			
	< <u>B</u> ack <u>Finish</u> Cancel		

Figure 2-25: Successful Installation Message

1 -

7. Click **Finish**. A small pop-up informs you that you have to reboot the PC for the patch to take effect.

*Figure 2-26: Reboot Prompt* 

Install	×
This system must be restarted to complete the installation. Click the OK button to restart this computer. Press Cancel to return to Windows without restarting.	
Cancel	

- 8. Click **OK** to restart your computer.
- 9. Manually start the Pro-Watch service. To do this, go to the Windows Control Panel, select Administrative Tools, and select Services.

File Action	View Help					
╞ ╺┝   🖬 🗎	Q 🛃 🛛 🗖 🕨 🖬 🕨					
Services (Lo	ca Services (Local)					
	Pro-Watch Server	Name	Description	Status	Startup Type	-
	Start the service	PNRP Machine Name Publication Service Portable Device Entimerator Service Power Power	This service publishes a m Enforces group policy for r Manages power policy an	Started	Manual Manual Automatic	
	Description: Pro-Watch Server Service	Print Spooler     Problem Reports and Solutions Control Pa	Loads files to memory for		Automatic Manual	
		Program Compatibility ssistant Service Protected Storage	This service provides supp Provides protected storag	Started	Automatic Manual	
		Rro-Watch Server	Pro-Watch Server Service		Manual	
		Quality Windows Audio Video Experience Remote Access Auto Connection Manager Remote Access Connection Manager	Quality Windows Audio Vi Creates a connection to a r Manages dial-up and virtu		Manual Manual Manual	
		Remote Desktop Configuration	Remote Desktop Configur		Manual	

10. At the **Services** screen, click the **Start** button to start the Pro-Watch Server service. Click **OK** to exit.

# 2.14 Pro-Watch 4.3.5 product upgrade with SoftKey License

Please see Pro-Watch 4.3.5 Software Keys Guide 800-08123V11 for more information.

# 2.15 Silent Installation

**NOTE:** When using a Pro-Watch Silent Install to install a Pro-Watch Server, you must install the Software Keys Manager and, if necessary, SQLExpress before installing Pro-Watch.

## 2.15.1 Creating a Log File

Silent installation creates a log file for the installer to review and verify the error or success of the installation process.

Pro-Watch Suite installer creates the log files (ProWatch\_Install\_MSI\_Log.txt, PW\_<version>\_Install\_Log\_File.txt) under the %temp% folder. Pro-Watch patch creates a log file (PWPatchInstall.txt) in the Pro-Watch folder.

## 2.15.2 Command Line Parameters for Pro-Watch Suite Installation

Here below are the command line parameters, values, and their descriptions used in silent installation of the Pro-Watch suite.

Parameter	Value (if any)	Description
FEATUREGROUP	1	Complete Pro-Watch Installation
	2	Server-Only Pro-Watch Installation
	3	Pro-Watch Client (Complete)
	4	Pro-Watch Terminal Client
	5	Pro-Watch Database Only
	6	Custom Pro-Watch Installation
SQLVERSIONCOMBO	Microsoft SQL Server 2012 Microsoft SQL Server 2014 Microsoft SQL Server 2016	
UPGRADEDB	1	Upgrade the Database
DATABASESERVER- NAME		Database Server Name
SERVICEUSERNAME		Windows User name which will be set as service logon account.
DOMAINNAME		User domain name for service logon account.
PASSWORD		Service logon user account pass- word.

#### Table 3: Command Line Parameters for Pro-Watch Suite Silent Installation

Parameter	Value (if any)	Description
LOCALDBCHECK	1	
SERVERNAME		SQL Server Name
INSTANCENAME		SQL Instance Name
DBEXISTS	0	
DATABASEBROWSE- PATH		Database installation path
INSTALLDIR		Pro-Watch installation path
COMMSERVERNAME		Communication server name
SERVERNAME_CLIENT		SQL Server name for client instal- lation
NEWPWDBCHECK	1	
DBNAME	PWNT	Pro-Watch Database Name

#### **Sample Installation Commands**

#### Complete Pro-Watch Installation

"Pro-Watch Software Suite.exe" /S /V" PWSWSUITE="1" FEATUREGROUP="1" SQLVERSIONCOMBO=\"Microsoft SQL Server 2012\" DATABASESERVER-NAME="<DB Server Name>" SERVICEUSERNAME="<Windows User name>" DOMAINNAME="<Domain Name>" PASSWORD="<Password>" LOCALDB-CHECK="1" SERVERNAME="<SQL Server name>" INSTANCENAME="<SQL Instance name>" DBEXISTS="0" DATABASEBROWSEPATH=\"c:\Program Files (x86)\ProWatch\Database\" COMMSERVERNAME="<Comm server name>" SERVERNAME\_CLIENT="<SQL Server name>" NEWPWDBCHECK="1" DBNAME="PWNT" INSTALLDIR=\"c:\Program Files (x86)\ProWatch\" /qn /norestart"

#### Server-Only Pro-Watch Installation

"Pro-Watch Software Suite.exe" /S //" PWSWSUITE="1" FEATUREGROUP="2" SQLVERSIONCOMBO=\"Microsoft SQL Server 2012\" DATABASESERVER-NAME="<DB Server Name>" SERVICEUSERNAME="<Windows User name>" DOMAINNAME="<Domain Name>" PASSWORD="<Password>" LOCALDB-CHECK="1" SERVERNAME="<SQL Server name>" INSTANCENAME="<SQL Instance name>" DBEXISTS="0" DATABASEBROWSEPATH=\"c:\Program Files (x86)\ProWatch\Database\" COMMSERVERNAME="<Comm server name>" " SERVERNAME\_CLIENT="<SQL Server name>" NEWPWDBCHECK="1" DBNAME="PWNT" INSTALLDIR=\"c:\Program Files (x86)\ProWatch\" /qn /norestart"

#### Pro-Watch Client (Complete) Installation

"Pro-Watch Software Suite.exe" /S /V" PWSWSUITE="1" DATABASESERVER-NAME="<DB Server Name>" FEATUREGROUP="3" COMMSERVER-NAME="<Comm server name>" SERVERNAME\_CLIENT="<SQL Server name>" DBNAME="PWNT" INSTALLDIR=\"c:\Program Files (x86)\ProWatch\" /qn /norestart"

### 2.15.3 Command Line Parameters for Pro-Watch Patch Installation

Here below are the command line parameters, values, and their descriptions used in silent installation of a Pro-Watch patch.

#### Table 4: Command Line Parameters for Pro-Watch Suite Patch Silent Installation

Parameter	Value (if any)	Description	
UPDATEDB		Database update	
INSTALLSAMPLEREPORTS		Installing sample reports	

**Note:** The above parameters are optional and case sensitive (all in capital letter). Users can pass the parameter based on the feature they want to install. Only /S is mandatory for silent installation.

#### Sample Installation Command

#### PWPatchsetup.exe /S UPDATEDB INSTALLSAMPLEREPORTS

The above command will update the database and install sample reports.

## Honeywell

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