# Smart ECG Viewer

Data Management Software Version 1.0

### Release Date: September 2014

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## 1 Installing Smart ECG Viewer in Windows XP

**NOTE**: Before installation, check whether an earlier version of the Smart ECG Viewer software has been installed. If yes, uninstall the earlier version and the AppointService displayed in the control panel.

Insert the installation CD into CD-ROM, and double-click on **Setup.exe** Setup Microsoft ... in the installation CD to open the following installation window.

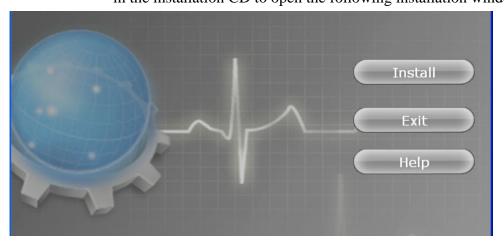


Figure 1 Installation Window

## **1.1 Installation Procedures**

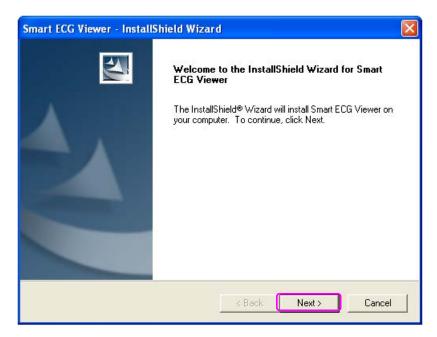
1. Click on **Install** in the installation window (Figure 1). Then the **Environment Detection** window will pop up.

Envi	ironment Detection	
C	Component Status	
	Components	States
	Smart ECG Viewer	needs to be installed
	.NET Framework 2.0	👽 needs to be installed
	Appoint Service	👽 needs to be installed
	PDFCreator	👽 needs to be installed
	Sentinel Protection Installer	👽 needs to be installed
	Database	😲 needs to be installed
	<	
		Return Next

2. Click on the **Next** button. Select a language, and then click on the **OK** button.



3. Click on the **Next** > button to continue.



Smart ECG Viewer - InstallShield Wizard	
Information Please read the following text.	
Pre-Requisite Check:	
NET Framework 2.0 needs to be installed PDFCreator needs to be installed Softdog driver needs to be installed Appoint Service needs to be installed	
InstallShield	< Back Next > Cancel

Smart ECG Viewer software and its components are ready to be installed.

Smart ECG Viewer - InstallShield Wizard	×
Information Please read the following text.	4
Pre-Requisite Check:	
NET PDFF Microsoft .NET Framework 2.0 Soft	<u>~</u>
Appo	
Gathering required information	
Cancel	~
InstallShield	
< Back Next > Cano	el :



🔞 Setup - PDFCreator	
Installing Please wait while Setup installs PDFCreator on your computer.	PDF
Extracting files D:\Program Files\PDFCreator\GS8.63\gs8.63\Lib\gst.bat	
ĺ	Cancel

5. Click on the **Next** > button after the components are installed successfully.

Smart ECG Viewer - InstallShield Wizard	X
Information Please read the following text.	
Show installation status:	
.NET Framework 2.0 was installed successfully Softdog driver was installed successfully PDFCreator was installed successfully	
<	
InstallShield Kerk Next :	Cancel

6. Click on the **Next** > button to install Smart ECG Viewer software to the default folder.

Or click on the **Browse...** button to choose the installation path, and then click on the **Next** > button to continue.

art ECG Viewer - InstallShield Wi			
Choose Destination Location Select folder where setup will install files.			24
Setup will install Smart ECG Viewer in the f	ollowing folder.		
To install to this folder, click Next. To insta another folder.	ll to a different folder	, click Browse an	d select
Warning: In WIN7 Operating System, Pleas system disk!!	se don't select the Pr	ogram Files Folde	er of
Destination Folder			]
Destination Folder		C	Browse
		C	Browse

7. Click on the **Next** > button to install AppointService.

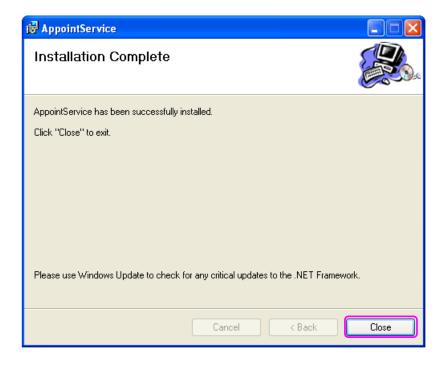


8. Click on the **Next** > button to install AppointService to the default folder.

🚱 AppointService	
Select Installation Folder	
The installer will install AppointService to the following folder.	
To install in this folder, click "Next". To install to a different folder, enter it be	low or click "Browse".
Eolder.	
D:\Smart ECG Viewer\AppointService\	Browse
	Disk Cost
Install AppointService for yourself, or for anyone who uses this computer: <ul> <li>Everyone</li> <li>Just me</li> </ul>	
Cancel Cancel	Next >

**NOTE:** Do not change the default folder of AppointService.

9. Click on the **Close** > button to complete AppointService installation.



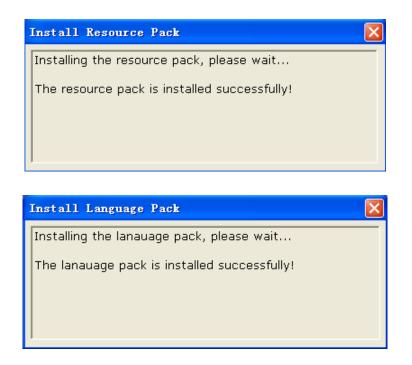
10. Click on the Yes button to install VS2005 SP1 redistributable pack.

Microsoft Visual C++ 2005 SP1 Redi 🔳 🗖 🔀
Please read the following license agreement. Press the PAGE DOWN key to see the rest of the agreement.
MICROSOFT SOFTWARE LICENSE TERMS MICROSOFT VISUAL C++ 2005 RUNTIME LIBRARIES These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft * updates, * supplements,
* Internet-based services, and * support services for this software, unless other terms accompany those items. If so, those terms apply.
By using the software, you accept these terms. If you do not accept
Do you accept all of the terms of the preceding License Agreement? If you choose No, Install will close. To install you must accept this agreement.
Yes <u>N</u> o

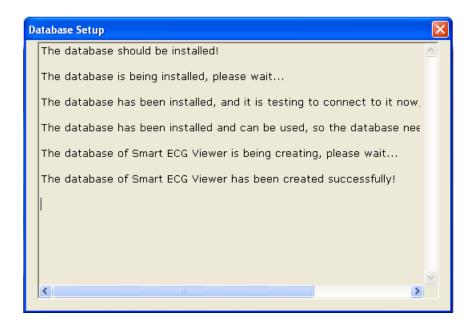
11. Click on the **Finish** > button to finish Smart ECG Viewer installation.

Smart ECG Viewer - Install	Shield Wizard
	InstallShield Wizard Complete Setup has finished installing Smart ECG Viewer on your computer.
	K Back Finish Cancel

12. The system starts the installations of the resource pack, the language pack and the database installation if Smart ECG Viewer software and its components are installed successfully.



The database installation includes four procedures: the system detects whether the database needs to be installed  $\rightarrow$  the database is installed  $\rightarrow$  the system detects whether the database can be connected  $\rightarrow$  Smart ECG Viewer database is created. During the four procedures, the system will respectively give hint information, as shown in the following picture:



## **1.2 Verifying the Installing Status**

After installing Smart ECG Viewer, click on the **Install** button in the installation window (Figure 1). Then the **Environment Detection** window pops up. Check the installing status of all the components. If all the components are installed successfully as the following figure shows, the installation of the components is completed. Click on the **Return** button.

Env	ironment Detection	X
0	Component Status	
	Components	States
	Smart ECG Viewer	📀 has been installed
	.NET Framework 2.0	📀 has been installed
	Appoint Service	📀 has been installed
	PDFCreator	🤣 has been installed
	Sentinel Protection Installer	🔮 has been installed
	Database	📀 has been installed
	<	>
		Return Next

If the **Environment Detection** window shows that a certain component needs to be installed, please install it manually. For details, please refer to Chapter 3.

## 2 Installing Smart ECG Viewer in Windows 7

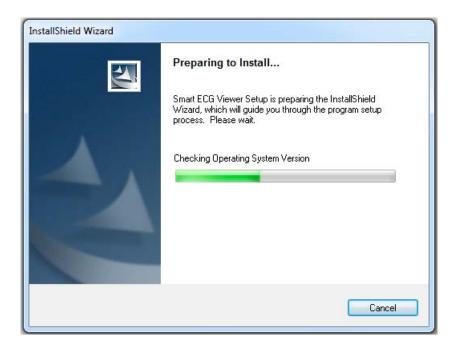
## **2.1 Installation Procedures**

1. Click on **Install** in the installation window (Figure 1). Then the **Environment Detection** window will pop up.

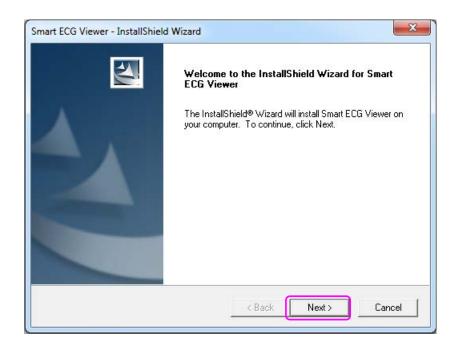
Smart ECG Viewer	
	needs to be installed
.NET Framework 2.0	👰 has been installed
Appoint Service	needs to be installed
PDFCreator	needs to be installed
Sentinel Protection Installer	👽 needs to be installed
Database	needs to be installed
<	
•	

- **NOTE:** In Windows 7 system, .NET Framework 2.0 has been installed in the system by default.
- 2. Click on the **Next** button. Select a language, and then click on the **OK** button.

2	Select the language for this installation from the choices below
	English (United States)



3. Click on the **Next** > button to continue.



Smart ECG Viewer - InstallShield Wizard	
Information Please read the following text.	
Pre-Requisite Check:	
.NET Framework 2.0 installed PDFCreator needs to be installed Softdog driver needs to be installed Appoint Service needs to be installed	*
•	
InstallShield —	< Back Next > Cancel

Smart ECG Viewer software and its components are ready to be installed.

	mation ase read the following text.			24
Pre-f	Requisite Check:			
	T. Economick 2.0 installed Sentinel Protection Installer 7.	6.4		٦.
~	Please wait while Window 7.6.4	vs configures Sentinel	Protection Installe	e 🛛
Ĩ		vs configures Sentinel	Protection Installe	r

Setup - PDFCreator	
Installing	PDF
Please wait while Setup installs PDFCreator on your computer.	PDFFDR
Extracting files	
C:\Program Files\PDFCreator\GS8.63\gs8.63\Bin\gsdll32.dll	
	Cancel

5. Click on the **Next** > button after the components are installed successfully.

Information Places read the following tout			And A
Please read the following text.			Contraction of the local division of the loc
Show installation status:			
Softdog driver was installed successfully			*
PDFCreator was installed successfully			
<			- F
stallShield			
	< Back	Next>	Cancel

- Click on the Next > button to install Smart ECG Viewer software to the default folder.
   Or click on the Browse... button to choose the installation path, and then click on the Next > button to continue.
  - **NOTE:** Do not install the software to the **Program Files** folder of the system disk. Or else, the hint *Fail to create database!* may be displayed.

Choose Destination Location		And I
Select folder where setup will install files.		
Setup will install Smart ECG Viewer in the	following folder.	
To install to this folder, click Next. To inst another folder.	all to a different folder, c	lick Browse and select
Warning: In WIN7 Operating System, Pleasystem disk!!	ase don't select the Prog	ram Files Folder of
- Destination Folder		
		Browse
Destination Folder		Browse

7. Click on the **Next** > button to install AppointService.

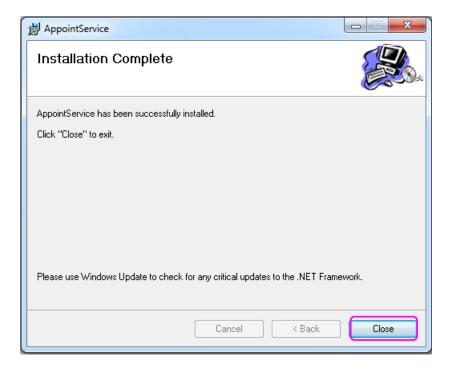


8. Click on the **Next** > button to install AppointService to the default folder.

AppointService	
Select Installation Folder	
The installer will install AppointService to the following folder.	
To install in this folder, click "Next". To install to a different fol	der, enter it below or click "Browse".
Folder	
C: \Smart ECG Viewer\AppointService\	Browse
	Disk Cost
Install Appoint Service for yourself, or for anyone who uses t	his computer:
Install Appoint Service for yourself, or for anyone who uses t	his computer:

**NOTE:** Do not change the default folder of AppointService.

9. Click on the **Close** button to complete AppointService installation.



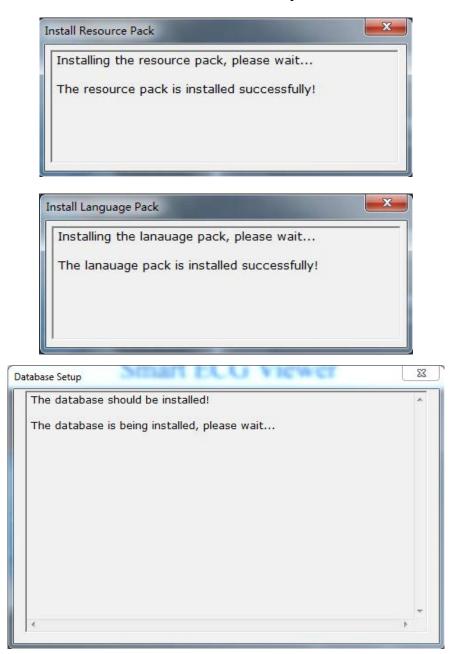
10. Click on the Yes button to install VS2005 SP1 redistributable pack.

Microsoft Visual C++ 2005 SP1 Redistributab 🗖 🔲 💌 🗙			
Please read the following license agreement. Press the PAGE DOWN key to see the rest of the agreement.			
MICROSOFT SOFTWARE LICENSE TERMS MICROSOFT VISUAL C++ 2005 RUNTIME LIBRARIES These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft * updates, * supplements, * Intermet-based services, and * support services			
for this software, unless other terms accompany those items. If so, those terms apply. By using the software, you accept these terms. If you do not accept			
Do you accept all of the terms of the preceding License Agreement? If you choose No, Install will close. To install you must accept this agreement.			
Yes No			

11. Click on the **Finish** button to finish Smart ECG Viewer installation.

Smart ECG Viewer - InstallShiel	d Wizard
	InstallShield Wizard Complete Setup has finished installing Smart ECG Viewer on your computer.
	< Back Finish Cancel

12. The system starts the installations of the resource pack, the language pack and the database installation if Smart ECG Viewer software and its components are installed successfully.



Microsoft SQL Server 2005 Setup	x
Installing Prerequisites Installs software components required prior to installing SQL Server.	
SQL Server Component Update will install the following components required for SQL Server Setup:	*
<ul> <li>Microsoft SQL Native Client</li> <li>Microsoft SQL Server 2005 Setup Support Files</li> </ul>	
Configuring components	
	Ŧ
Install Cance	

Microsoft SQL Server 2005 Setup	×			
Setup Progress The selected components are being configured				
Product	Status Setup finished			
SQL Native Client     SQL VSS Writer     SQL Server Database Services	Configuring components			
Workstation Components, Books Onlin				
Status				
Help	<< Back Next >> Cancel			

The database installation includes four procedures: the system detects whether the database needs to be installed  $\rightarrow$  the database is installed  $\rightarrow$  the system detects whether the database can be connected  $\rightarrow$  Smart ECG Viewer database is created. During the four procedures, the system will respectively give hint information, as shown in the following picture:

Da	tabase Setup	x
	The database should be installed!	*
	The database is being installed, please wait	
	The database has been installed, and it is testing to connect to it now	
	The database has been installed and can be used, so the database ne	
	The database of Smart ECG Viewer is being creating, please wait	
	The database of Smart ECG Viewer has been created successfully!	
		-
	۲ ( III ) ۲	

## 2.2 Verifying the Installing Status

After installing Smart ECG Viewer, click on the **Install** button in the installation window (Figure 1). Then the **Environment Detection** window pops up. Check the installing status of all the components.

If all the components are installed successfully as the following figure shows, the installation of the components is completed. Click on the **Return** button.

NET Framework 2.0       Image: Appoint Service         Appoint Service       Image: Appoint Service         PDFCreator       Image: Appoint Service         Sentinel Protection Installer       Image: Appoint Service         Database       Image: Appoint Service	Components Smart ECG Viewer	States States a been installed
Appoint Service       Image: Appoint Service         PDFCreator       Image: Appoint Service         Sentinel Protection Installer       Image: Appoint Service         Database       Image: Appoint Service		
PDFCreator Other Sentinel Protection Installer Other Installed Sentinel Protection Installer Other Installed O		
Sentinel Protection Installer Database D	PDFCreator	
Database 📀 has been installed	Sentinel Protection Installer	
	Database	
m		
	<	

If the **Environment Detection** window shows that a certain component needs to be installed, please install it manually. For details, please refer to Chapter 3.

## **3 Troubleshooting**

After installing Smart ECG Viewer, click on the **Install** button in the installation window (Figure 1). Then the **Environment Detection** window pops up. You can uninstall Smart ECG Viewer and then click on the **Next** button if some component needs to be installed. Or, you can install the component manually.

Envi	ironment Detection	×
c	Component Status	
	Components	States
	Smart ECG Viewer	🤣 has been installed
	.NET Framework 2.0	📀 has been installed
	Appoint Service	👽 needs to be installed
	PDFCreator	👽 needs to be installed
	Sentinel Protection Installer	👽 needs to be installed
	Database	needs to be installed
	<	
		Return
		Notari Next

**Environment Detection Window** 

Phenomena	Causes	Solutions	
<i>Net Famework 2.0</i> <i>needs to be installed</i> is displayed in the <b>Environment</b> <b>Detection</b> window.	.Net Framework 2.0 is not installed.	In Windows XP, install dotnetfx manually. For details, please refer to Section 3.1.	
Database needs to be installed is displayed in the Environment Detection window.	Database is not installed.	<ol> <li>In Windows XP, install MSDE 2000 manually. For details, please refer to Section 3.2.</li> <li>In Windows 7, install SQL Server 2005 Express manually. For details, please refer to Section 3.3.</li> <li>Click on the Next button in the Environment Detection window to install the database.</li> </ol>	

Database: Database is in conflict with ours, please remove it! is displayed in the Environment Detection window.	<ol> <li>Other database is installed in the system, and the password and the name of it are not the same as that of Smart ECG Viewer database.</li> <li>Database has been installed in the system before, but it is not uninstalled completely.</li> <li>SQL Server is paused manually.</li> </ol>	<ol> <li>If the database installed previously cannot work, click on No on the Alert hint to reinstall the database.</li> <li>If the database installed previously is not uninstalled completely, click on the Next button in the Environment Detection window, and then click on Yes on the prompt hint to uninstall the database.</li> <li>NOTE: Ensure no other software in the system shares the SQL Sever database before you uninstall the database installed previously. If there is, please perform a backup of your data.</li> <li>If SQL Server is paused manually, stop installing the database, start up SQL Server, and then reinstall the database.</li> </ol>
Sentinel Protection Installer needs to be installed is displayed in the Environment Detection window.	Sentinel protection installer is not installed.	<ol> <li>Install the sentinel manually. For details, please refer to Section 3.6.</li> <li>Click on the Next button in the Environment Detection window to install the sentinel.</li> </ol>
SentinelProtectionInstaller:Old versionofinstalledcomponent,pleaseofit!is installed.displayedintheEnvironmentDetectionwindow.		<ol> <li>Ignore this hint information if the old version can work.</li> <li>Reinstall the sentinel if the old version cannot work. For details, please refer to Section 3.6.</li> </ol>
AppointService needsto be installed isdisplayed in theEnvironmentDetection window.	AppointService is not installed.	In Windows XP, install AppointService manually. For details, please refer to Section 3.7.

TheprocessofAppointServiceisendedis displayed intheEnvironmentDetection window.	The process of AppointService is ended.	Start the process of AppointService. For details, please refer to Section 3.8.
PDFCreator needs tobeinstalledisdisplayedintheEnvironmentDetection window.	PDFCreator is not installed.	<ol> <li>Click on the Next button in the Environment Detection window to install the PDFCreator.</li> <li>Install PDFCreator manually. For details, please refer to Section 3.9.</li> </ol>
PDFCreator:Oldversion of installedcomponent,pleaseremoveit!isdisplayedintheEnvironmentDetectionwindow.	Old version of PDFCreator is installed.	Old version of PDFCreator is installed in your computer, please uninstall it on the control panel and restart the PC.
After installing the software in Windows 7, double-click on the Smart ECG Viewer shortcut icon. The hint <i>Fail to connect</i> to the database, please make sure the SQL database is ON! is displayed.	The process of the SQL database is ended.	Start the process of the SQL Server 2005 Express in Windows 7. For details, please refer to Section 3.5.
The bar code reader cannot be used.	SymbolCOMPortEmulationDriver is notinstalled.	Install the Symbol COM Port Emulation Driver manually. For details, please refer to Section 3.10.
After installing the software in Windows XP, double-click on the Smart ECG Viewer shortcut icon. The hint <b>The</b>	VS2005 SP1 redistributable pack is not installed.	In Windows XP, install VS2005 SP1 redistributable pack manually. For details, please refer to Section 3.11.

application failed to initialize properly (0xc01500C2). Click on OK to terminate the application. is displayed.		
After installing the software in Windows 7, double-click on the Smart ECG Viewer shortcut icon. The hint <i>Fail to create database!</i> is displayed.	Smart ECG Viewer database is not installed.	<ol> <li>During installation in Windows 7, you installed Smart ECG Viewer to the <b>Program Files</b> folder of the system disk. Please uninstall Smart ECG Viewer software, and then install it to another path.</li> <li>During the manual installation of SQL Server 2005 Express, you did not select Add user to the SQL Server Administrator role. For details, please refer to Section 3.12.</li> </ol>
After installing the sentinel or other software for the first time, insert the sentinel and double-click on the Smart ECG Viewer shortcut icon. The hint <i>Can't detect the</i> <i>Sentinel, enter</i> <i>DEMO or not?</i> is displayed.	The computer is not restarted.	Restart the computer, insert the sentinel, and then run the Smart ECG Viewer software.

## 3.1 Installing Dotnetfx Manually

If .*Net Framework 2.0 needs to be installed* is displayed in the **Environment Detection** window, you should install dotnetfx manually.

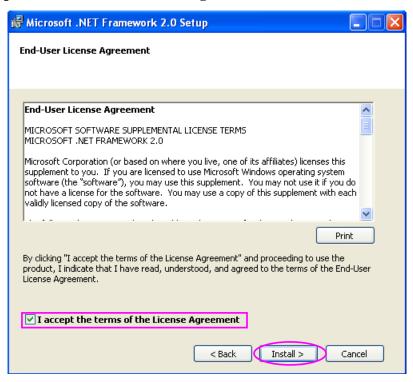


2. Click on the **Next** > button.

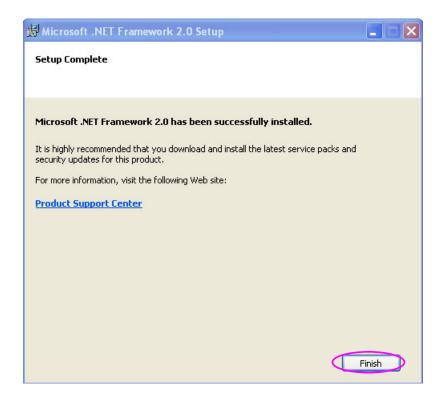
1.

🖟 Microsoft .NET Framework 2.0 Setup	
Welcome to Microsoft .NET Framework 2.0 Setup	
This wizard will guide you through the installation process.	
	Next > Cancel

3. Select I accept the terms of the License Agreement, and then click on Install >.

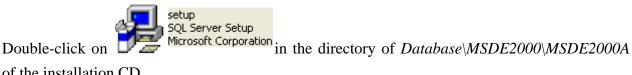


4. Click on the **Finish** button to complete the installation.



### 3.2 Installing MSDE 2000 Manually in Windows XP

If Database needs to be installed is displayed in the Environment Detection window, you should install MSDE 2000 manually.



of the installation CD.

Windows Installer	
Preparing to install	
	Cancel

## 3.3 Installing SQL Server 2005 Express Manually in Windows 7

If Database needs to be installed is displayed in the Environment Detection window, you should install SQL Server 2005 Express manually.

Double-click on 1.

sqlexpr32.exe Microsoft SQL 20... Microsoft Corpor...

in the directory of DataBase\2005express of

the installation CD.

Select **I accept the licensing terms and conditions**, and then click on the **Next** > button. 2.

Microsoft SQL Server 2005 Setup	x
End User License Agreement	
MICROSOFT SOFTWARE LICENSE TERMS	_
MICROSOFI SOFIWARE LICENSE TERMS	<u> </u>
MICROSOFT SQL SERVER 2005 EXPRESS EDITION SERVICE FACK 2	E
These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft	
* updates,	
* supplements,	
* Internet-based services, and	
* support services	-
✓ I accept the licensing terms and conditions	
Print Next > Cance	el

3. Perform as the hint information prompted by the system. Select **Add user to the SQL Server Administrator role** when you perform the following step.

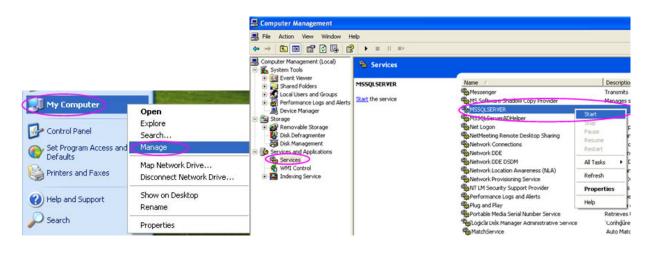
Configuration Options Configure user and administr	ator accounts		
☑ Enable User Instances This option enables users wit instance of the SQL Server E			rate
Add user to the SQL Serv This option adds the user wh to the SQL Server System Ad Vista operating system are no	o is running the SQL Iministrator role. By	Server Express installati default, users on Microso	oft Windows
Help	< Back	Next >	Cancel

4. Perform as the hint information prompted by the system. At last, click on the **Finish** button to complete the database installation.

## 3.4 Starting up MSDE 2000 in Windows XP

After MSDE 2000 is installed successfully, you can start up MSDE in the following way:

- 1. Click on start, right-click on My Computer, and then select Manage in the pop-up menu to open the Computer Management window.
- 2. In the **Computer** Management window, double-click on **Services and Applications**, and then click on **Services**. If the status of **MSSQLSERVER** is not **Started**, right-click on **MSSQLSERVER**, and then select **Start** in the pop-up menu.



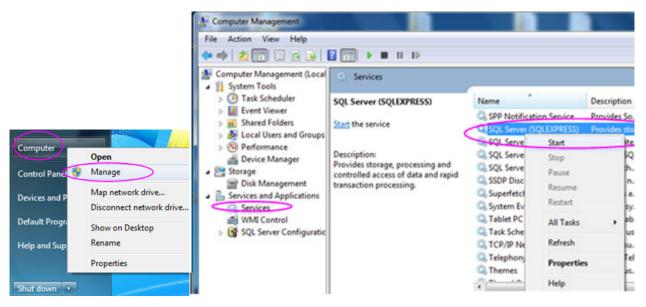
After MSDE 2000 is started up successfully, the SQL server icon is will appear in the bottom right corner of the desktop. The green triangle indicates that the server has been started up.

## 3.5 Starting up SQL Server 2005 Express in Windows 7

After SQL Server 2005 Express is installed successfully, you can start up SQL Server 2005 Express in the following way:

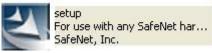


- 1. Click on **E**, right-click on Computer, and then select Manage in the pop-up menu to open the Computer Management window.
- 2. In the **Computer Management** window, double-click on **Services and Applications**, and then click on **Services**. If the status of **SQL Server (SQLEXPRESS)** is not **Started**, right-click on **SQL Server (SQLEXPRESS)**, and then select **Start** in the pop-up menu.



## 3.6 Installing Sentinel Manually

If *Sentinel Protection Installer needs to be installed* is displayed in the **Environment Detection** window, you should install the sentinel manually.



Double-click on SafeNet, Inc.

in the SPI761 folder of the installation

2. Click on the **Next** > button.

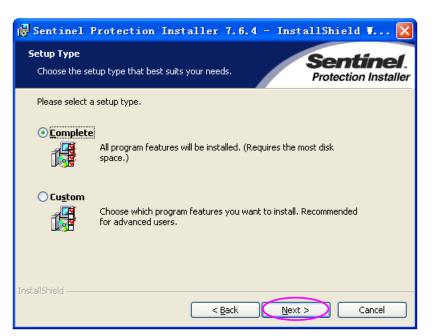
1.

CD.

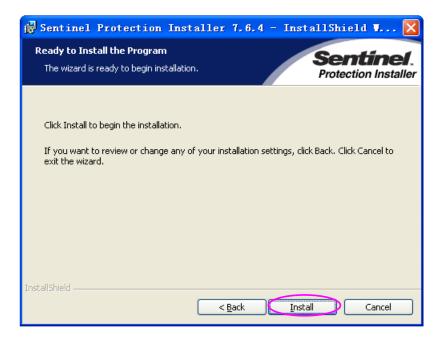
3. Select **I** <u>accept the terms in the license agreement</u>, and then click on the Next > button.

i	Sentinel Protection Installer 7.6.4 - InstallShield W 🗙
	License Agreement Please read the following license agreement carefully. Protection Installer
	License Grant/Warranty for Software
	This License describes limited rights granted by SafeNet, Inc. and/or one of its subsidiaries (such grantor, "Seller") to the Buyer.
	A. The term "Software", as used herein, shall mean a program or programs consisting of machine readable logical instruction and tables of information designed as libraries or drivers to work in conjunction with Seller's Sentinel Keys ("Products"). Title to all Software furnished to Buyer hereunder shall
	I accept the terms in the license agreement
	I do not accept the terms in the license agreement
Ir	istallShield
	< <u>B</u> ack <u>N</u> ext > Cancel

4. Click on the <u>Next</u> > button.



5. Click on the **Install** button.



6. Click on the **No** button.



7. Click on the **<u>F</u>inish** button, and then the sentinel installation is completed.



## 3.7 Installing AppointService Manually

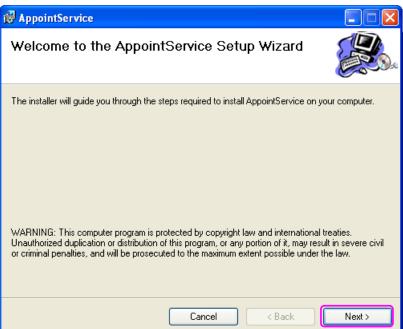
If *AppointService needs to be installed* is displayed in the **Environment Detection** window, you should install AppointService manually.



in the **AppointService** folder of the installation CD and then

click on the <u>**Next**</u> > button.

1.



2. Click on the **Browse...** button to choose the installation path, and then click on the **Next** > button to continue.

🛃 Appoint Service	
Select Installation Folder	
The installer will install AppointService to the following folder.	
To install in this folder, click "Next". To install to a different folder, enter it be	low or click "Browse".
Eolder: C:\Program Files\edan\AppointService\ Install AppointService for yourself, or for anyone who uses this computer:	Browse Disk Cost
<ul> <li>○ <u>E</u>veryone</li> <li>⊙ Just <u>m</u>e</li> </ul>	
Cancel < <u>B</u> ack	Next >

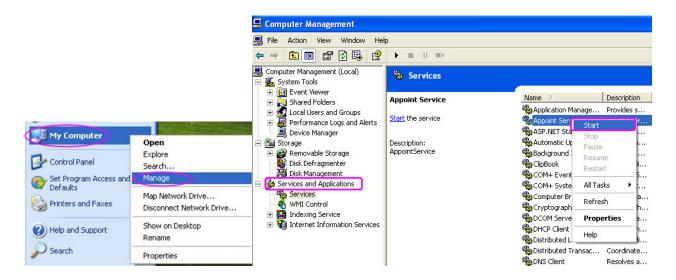
#### NOTE:

- The default path must be changed to the installation path of Smart ECG Viewer. For example, if Smart ECG Viewer is installed in the path "D:\Smart ECG Viewer", the installation path of AppointService you should enter is "D:\Smart ECG Viewer\AppointService\" to install AppointService.
- 2) You can enter the installation path manually.
- 3. Click on the <u>Close</u> button to complete the installation.

😸 AppointService			
Installation Complete			
AppointService has been successfully installe	ed.		
Click "Close" to exit.			
Please use Windows Update to check for any	y critical update	s to the .NET Frame	ework.
	Cancel	< Back	Close

## 3.8 Starting up AppointService

- 1. Click on **start**, right-click on **My Computer**, and then select **Manage** in the pop-up menu to open the **Computer Management** window.
- 2. In the **Computer Management** window, double-click on **Services and Applications**, click on **Services**, right-click on **AppointService**, and then select **Start** in the pop-up menu.



## 3.9 Installing PDFCreator Manually

If *PDFCreator needs to be installed* is displayed in the **Environment Detection** window, you should install PDFCreator manually.

PDFCreator is used to create PDF documents. Only if it is installed, can the reports be saved in PDF format.

1. Double-click on

in the **PDFCreator** folder of the installation CD.

2. Select a language and click on the **OK** button.

PDFCreator-0\_9\_6\_setup PDFCreator is the easy way o... Frank Heindürfer, Philip Chinery

4. Select **I accept the agreement** and click on the **Next** > button.

👘 Setup - PDFCreator	
License Agreement Please read the following important information before continuing.	PDF
Please read the following License Agreement. You must accept the terms of this agreement before continuing with the installation.	
PDFCreator	
About PDFCreator With PDFCreator you can create Adobe® Acrobat® files, also known a	s
Portable Document Format (PDF) files on Windows PC. PDFCreator is a printer driver, it transforms the generic printer command	ls 💌
<ul> <li>I accept the agreement</li> <li>I do not accept the agreement</li> </ul>	
< Back Next >	Cancel

Setup - PDFCreator	
Type of Installation	PDF
Please choose the setup settings.	PDFF
Please choose the type of installation, then click on Next.	
<ul> <li>Standard installation</li> </ul>	
Is installing a printer, which converts all printable files into pdf-files, bitmap-files or postscript-files.	
O Server installation	
Is installing a network printer in order to allow computers to create PDF-files, bitmap-files or postscript-files within the network. Please do not install this version on a terminal server in application mod	le.
	Cancel

🕼 Setup - PDFCreator	
Printer name Choosing a printer name.	PDF
Please choose a name for the printer. PDFCreator installs a printer on your computer. With this printer each applicat able to print, can create PDF-files, bitmap-files or postscript-files. Name of printer:	tion that is
PDFCreator	
< Back Next >	Cancel

7. Click on the **Browse...** button and assign the installation path for PDFCreator, and then click on the **Next** > button.

18 Setup - PDFCreator
Select Destination Location Where should PDFCreator be installed?
Setup will install PDFCreator into the following folder.
To continue, click Next. If you would like to select a different folder, click Browse.
D:\Program Files\PDFCreator Browse
At least 19.7 MB of free disk space is required.
< Back Next > Cancel

Setup - PDFCreator	E	
Select Components Which components should be installed?		PDF
Select the components you want to install; clear the components yo install. Click Next when you are ready to continue.	u do not want to	
Custom installation		*
<ul> <li>✓ Programfiles</li> <li>✓ GPL Ghostscript 8.63</li> </ul>	9.2 MB 14.1 MB	^
PDFCreator Toolbar for "Internet Explorer and Firefox"	2.0 MB	
COM samples	0.4 MB	
Help files	0.1 MB	
- English help file	0.1 MB	
French help file	0.2 MB	
German help file     Languages	0.2 MB 0.1 MB	~
Current selection requires at least 48.6 MB of disk space.	O. T MD	
K Back	ext > D C	ancel

Select Start Menu Folder Where should Setup place the program	n's shortcuts?
<b>9</b>	's shortcuts in the following Start Menu folder.
100 M	ke to select a different folder, click Browse.
PDFCreator	Browse
Don't create a Start Menu folder	

🖟 Setup - PDFCreator		
Select Additional Tasks Which additional tasks should be performed?	PDF	
Select the additional tasks you would like Setup to perform while installing PDFCreat then click Next.	Dr,	
Additional icons:		
🗹 Create a desktop icon		
For all users		
O For the current user only		
Create a Quick Launch icon		
Other tasks:		
Associate PDFCreator with the .ps file extension		
Create an entry in the Windows Explorer context menu		
< Back Next > (	Cancel	

12. Click on the **Install** button.

eady to Install Setup is now ready to begin installing P	DFCreator on your computer.	P
Click Install to continue with the installa change any settings.	tion, or click Back if you want to review or	
Destination location: D:\Program Files\PDFCreator		^
Setup type: Custom installation		III
Selected components: Programfiles GPL Ghostscript 8.63 PDFCreator Toolbar for "Internet E COM samples Help files	xplorer and Firefox''	
English help file		>

13. Click on the **Finish** button to complete the installation.



## 3.10 Installing Symbol COM Port Emulation Driver Manually



in the directory of BarcodeScanner

driver\Symbol COM Port Emulation Driver of the installation CD.

2. Select **I** <u>accept the agreement</u>, and then click on the **Next** > button.

🙀 Setup - Symbol USB COM Port Emulation Driver	
License Agreement Please read the following important information before continuing.	
Please read the following License Agreement. You must accept the terms of this agreement before continuing with the installation.	
THIS SOFTWARE IS PROVIDED AS IS WITHOUT ANY EXPRESS OR IMPLIED WARRANTY OF ANY KIND, INCLUDING WARRANTIES OF MERCHANTABILITY, NON- INFRINGEMENT, OR FITNESS FOR A PARTICULAR PURPOSE.	
IN NO EVENT SHALL SYMBOL BE LIABLE FOR ANY SPECIAL, INDIRECT, OR CONSEQUENTIAL DAMAGES WHATSOEVER, RESULTING FROM THE USE OR INABILITY	~
OI accept the agreement     OI do not accept the agreement	
< Back Next >	Cancel

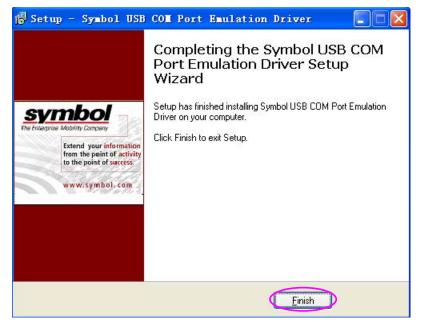
3. Click on the **Next** > button.

1.

Double-click

on

4. Click on the **Finish** button to complete the installation.



## 3.11 Installing VS2005 SP1 Redistributable Pack Manually



in the VS2005 Redist folder of the installation CD,

and then click on the Yes button to install.

## 3.12 Adding SQL Server Administrator Role in Windows 7

During the installation of SQL Server 2005 Express, if you do not select **Add user to the SQL Server Administrator role**, the database is unavailable. After installing the software in Windows 7, double-click on the Smart ECG Viewer shortcut icon. The hint *Fail to create database!* is displayed.

The solution is as follows:

- 1. Click on **[29]**, and then click on **All Programs**.
- 2. Choose Microsoft SQL Server 2005 > Configuration Tools > SQL Server Surface Area Configuration.

Microsoft SQL Server 2005	
Configuration Tools	Control Panel
SQL Server Configuration Manager SQL Server Error and Usage Reportin	Devices and Printers
SQL Server Surface Area Configuration	efault Programs
J PDFCreator	
🐌 Startup	Help and Support
4 Back	
Search programs and files	Shut down 🕨

3. Click on Add New Administrator.

SI SQL Server 2005 Surface Area Configuration	
Microsoft SQL Server 2005 Help Protect Your SQL Server	Windows Server System
<ul> <li>Minimize SQL Server 2005 Surface Area</li> <li>SQL Server 2005 improves manageability and security by giving administrators mand remote instances of SQL Server 2005. With the SQL Server 2005 Surface /</li> <li>Disable unused services and network protocols for remote connections.</li> <li>Disable unused features of SQL Server components.</li> <li>For new installations, use these tools to enable required features, services, and default. For upgraded instances, use these tools to identify and disable unused f</li> <li>Users with administrative privileges on Microsoft Windows Vista and later versior privileges on this SQL Server installation by default. To explicitly add yourself as below link:</li> </ul>	Area Configuration tools, you can easily: network protocols that are disabled by reatures, services, and protocols. ns will no longer have administrative
Add New Administrator     Read more about configuring the SQL Server surface area.	
Configure Surface Area for localhost (change computer)	ections

4. Select **Member of SQL Server SysAdmin role on SQLEXPRESS**, and then click on **D**.

SQL Server User Provisioning on Vista - edan-PC\edan on EDA	AN-PC	? 🗙
SQL Server 2005 User Provisioning Tool Help Protect Your SQL Server on Windows Vista		
Granting administrative rights to Windows Vista user edan-PC\edan.	User to provision:	edan-PC\edan
Windows Vista users that are members of the Windows Administrators g they are not automatically granted administrative privileges. Select the administrative privileges needed by Windows user edan-PCV		d permission to connect to SQL Server, and
Available privileges:	Privileges that will be gran	nted to edan-PC\edan:
SQLEXPRESS	>> < <	
		OK Cancel

5. Click on the **OK** button.

SQL Server User Provisioning on Vista - edan-PC\edan on EDAN- SQL Server 2005 User Provisioning Tool for Help Protect Your SQL Server on Windows Vista	
Granting administrative rights to Windows Vista user edan-PC\edan.	User to provision: edan-PC\edan
Windows Vista users that are members of the Windows Administrators grou they are not automatically granted administrative privileges.	p are not automatically granted permission to connect to SQL Server, and
Select the administrative privileges needed by Windows user edan-PC\eda	n:
Available privileges:	Privileges that will be granted to edan-PC\edan:
	OK Cancel

## **4 Troubleshooting of Database Installation**

The system starts an independent installation procedure for database installation after the Smart ECG Viewer software and its components are installed successfully. You should detect whether available database has been installed before the database installation. The following solutions can help you if you meet troubles during the database installation.

## Q1: How should I deal with the process bar when it doesn't move for a long time during MSDE installation?

📕 Windows Task Manager File Options View Shut Down Help )atabase Setup Applications Processes Performance Networking Users The database should be installed! Image Name User Name The database is being installed, please wait.. msiexec.exe msiexec.exe RTHDCPL.exe SYSTEM edan edan SYSTEM Acrosoft SQL Server Desktop Engine services.exe Please wait while Windows configures Microsoft SQL Server Deskto setup.exe edan edan Setup.exe setupre.e End Proc smss.exe SYSTEM sntlkeyssrv sntlsrtsrvr. SYSTEM End Process Tree Time remaining: 3 seconds SYSTEM sphsrvnt.e SYSTEM .......... Cancel spoolsv.ex SYSTEM Set Priority edan LOCAL SERVICE LOCAL SERVICE sqlredis.ex svchost.ex Set Affinity. sychost.exe sychost.exe SYSTEM sychost.exe NETWORK SERVICE ŝ Show processes from all users End Pr CPU Usage: 0% Commit Charge: 274M Processes: 36

A1: You can end the process of setupre.exe in the Windows Task Manage window.

## Q2: The SQL2000 has been installed in Windows XP system but it cannot work, what should I do?

**A2:** If the SQL2000 has been installed in Windows XP system but it cannot work, you need to uninstall the SQL2000 or MSDE on the control panel, and then start the Smart ECG Viewer installation to install the database.

## Q3: The SQL2005 has been installed in Window 7 system but it cannot be started, what should I do?

**A3:** If the SQL2005 has been installed in Windows 7 system but it cannot be started, you need to uninstall the SQL2005 database on the control panel, and then start the Smart ECG Viewer installation to install the database. You need to restart the PC if the system gives hint information for a complete uninstallation.

#### Q4: Do I need to have administrator permission during the database installation?

A4: You should have administrator permission during the database installation; otherwise, you can not install the database.

#### Q5: Do I need to have any special account during the database installation?

**A5:** If you use an administrator account during the SQL2005 installation, the system will change your account to another after the database is installed. You should add the current account in the database administrator to connect with the database. For details, please refer to Section 3.8.

# Q6: I have uninstalled the Microsoft SQL Server 2005 in Windows 7 system. Why the installation window gives hint information that the database still exists in the system?

**A6:** If you want to uninstall the SQL2005 database, you should first uninstall the components of Microsoft SQL Server, and then uninstall other components. If you do not uninstall the SQL2005 database in this way, the next installation will be affected because of an incomplete uninstallation

P/N: 01.54.456525-10

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