

Signal Safe Installation Guide

2012

This document is to be used as a guide in the installation of Signal Safe Software.

Version 4.0.1.4



REVISED:

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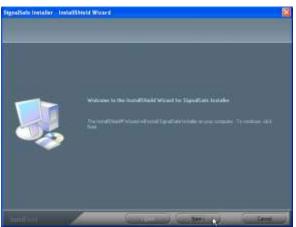
This manual may help you resolve Signal Safe problems. Please contact our Technical Support Department if we can help in any way.

I. Installing SQL Express Database for Signal Safe

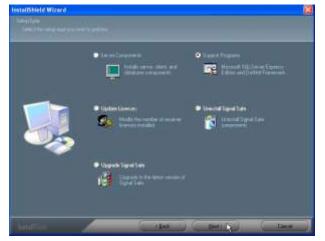
This procedure describes the installation of Signal Safe Server Database. It also assumes that the OS is Windows XP Professional or Windows 2003 server or better and already installed.

A. Installing SQL 2005/2008 Express Database

- 1) Log in to Windows, on the Signal Safe computer, using a logon ID that has administrative privileges.
- 2) Insert Signal Safe 4.0.1.4 Installation CD into CD Rom drive. Wait a few seconds for the Wizard to load.
- 3) If the CD does not auto start, open Windows Explorer choose the CD drive and double-click on the setup.exe in the disk directory.
- 4) The Signal Safe Installer Window will open; select Next.



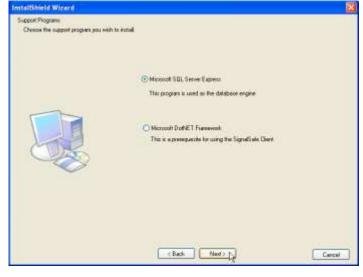
5) In the Setup Type window Click on Support Programs then Click on the Next Button



6) The Support Programs window will open

Select Microsoft SQL Server Express

Click on the Next button



7) Windows will unpack the appropriate installation files.

	Extracting Files	×
	Extracting File: dbghelp.dll To Directory: c:\769383107b7b31bed0b3a09e02f363	
	Microsoft SQL Server 2005 Setup	×
The Installing Prerequisites window will open and load 2 components	Installing Prerequisites Instals software components required prior to installing SQL Server.	-
ecessary for installation.	SQL Server Component Update will install the following components 👱	J
ick on the Install button once it is <i>v</i> ailable.	Microsoft SQL Native Client Microsoft SQL Server 2005 Setup Support Files	
	Configuring components	
	-	1

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9) The Setup Progress window will display.

Microsoft SQL Server 2005/2008 Setup performs a number of activities which takes several minutes.

Click on the Next button.

Product	Status
MSXML6	Setup finished
SQL Setup Support Files	Setup finished
SQL Native Client	Setup finished
SQL VSS Writer	Setup finished
SQL Server Database Services	Configuring components
SQL Server Management Studio Express	
Workstation Components, Books Onlin	
Status Setting Server Network Default Settings	

10) Click on the Finish button.

Reboot the server before installing the Signal Safe software.

B. Installing Microsoft SQL Server 2005

This procedure describes the installation of Signal Safe Server Database. It also assumes that the OS is Windows XP Professional or Windows 2003 server or better and already installed.

- 1) Log in to Windows on the Signal Safe computer using an ID with administrative privileges.
- Insert the Microsoft SQL Server 2005 CD in the CD-ROM drive. Wait a few seconds for the wizard to load.

If the CD does not auto start, open Windows Explorer, choose the CD drive and double click on the setup.exe in the disk directory.

 From the Start window, click on Install – Server components, tools, Books Online and samples.

HOL Server 2005 (Disc 1 of 2)	
	Prepare
	Reving hardware and activare requirements
	Read the release notes
	Install SQL Server Upgrade Advisor
	Install
	Server components, toots, Baoks Online, and samples
	Fign the SQL Native Client Installation Wizard
	Other Information
	Browse this CD
	Visit the SQL Server velocity
SQL Server 2005	Rgad the SQL Server Icense agreement.
Standard Edition	5

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Microsoft SQL Server 2005 Setup × End User License Agreement 4) In the End User License Agreement window, carefully review the agreement. MICROSOFT SOFTWARE LICENSE TERMS . MICROSOFT SQL SERVER 2005 STANDARD AND ENTERPRISE EDITIONS These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read thus. 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 To continue with the install, select the "I accept the licensing terms and conditions" checkbox · updates. Then click on the Next button. ٠ supplements. * Internet-based services, and · support services -I gccept the licensing terms and conditions Print Caricel. ticrosoft SQL Server 2005 Sets × Installing Presequisites Installs software components required prior to installing SQL Server. 5) In the Installing Prerequisites window, allow these files to be installed. SQL Server Component Update will install the following components required for SQL Server Setup: -Click on the Next button when available. Microsoft SQL Native Client Microsoft SQL Server 2005 Setup Support Files Configuring components... -Cancel licrosoft SQL Server 2005 Setup System Configuration Check 6) Click the Next Button to continue. SQL Server Setup is scanning your computer's configuration... The System Configuration Check window will come up.

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7) Read **the information in the** Welcome to the Microsoft SQL Server Installation Wizard **window.**

Click on the Next button.



 In the System Configuration Check window, allow the system to run a self-diagnostics to ensure the server configuration meets the minimum specification to run Microsoft SQL Server 2005.

If the server meets the minimum requirements, click on the Next button.

Success	14 Total 12 Success	0 Error 2 Warning	
tal:	1 mil	THESE	17
Action IIS Feature Requirement	Status Warning	Message Messages	-
Pending Reboot Requirement	Success	Location	
Performance Monitor Counter Require	e. Success		
Delault Installation Path Permission P	e. Success		
Internet Explorer Requirement	Success		
COM Plus Catalog Requirement	Success		
ASP Net Version Registration Require	e. Success		
Minimum MBAC Version Requirement	5uccess		
			-

If a Yellow triangle comes up for the IIS Feature Requirement, this can be ignored. It is not

needed for the Signal Safe database.

9) In the Registration Information window, accept the defaults

Click on the Next button.

rosoft SQL Server 2005 Setag	-
gistration Information The following information will personalize your installation.	
The Name field must be filled in prior to proceeding. The Company field	s optional,
Ngne:	
200	
Company:	
ABM Data Systems	
Reaso entre your 25 charactite Product Kay. You can find the number o abclar is the CD New Autor or the CD observe	in the yearship
BAR78]-[ATERF]-[27982]-[29778]-[29882]	
terrent Annual Annua	
resp	Carrol
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- 10) In the Components to Install window, select the following options:
 - SQL Server Database Services
 - Integration Services
 - Workstation components, Books Online and development tools

Click on the **Next** button.

Microsoft SQL Server 20	05 Setup		×
Components to Instal Select the components to			
₩ SQL Server Database Ser	voes		12.00
E Gerrado, Sever I	NAME AND ADDRESS.		
C Apabais Services			
E Gente m Annyis he	www.lahover.manar		
F Hecortra Services			
Ngtification Services			
🖓 Integration Services			
Winkstation components,	Eoolis Online and develop	ment tools	
	noed		Advanced
For more options, click Adva			- Fighter and

11) In the Instance Name window, ensure that Default Instance is checked.

Then click on the Next button.

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9

12) In the Service Account window:

- Select Use the built-in System account

Start services at the end of setup section:

- Select SQL Server
- Select SQL Server Agent



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The authentication mode specifies the security used when

Select the authentication mode to use for this installation.

(* Mixed Mode (Windows Authentication and SQL Server Authentication)

< Back

Next >

Cancel

Authentication Mode

C Windows Authentication Mode

Specify the salogon password below:

Microsoft SQL Server 2005 Set

Collation Settings

Enter password: ------Confirm gassword: -------

Help.

the

connecting to SOL Server

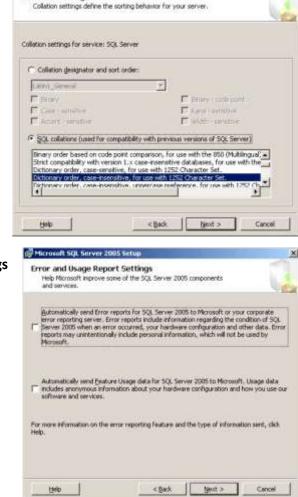
- 13) In the Authentication Mode window:
 - Select Mixed Mode
 - Specify the *sa* logon password you will be prompted for this password when installing the Signal Safe software.

14) In the **Collation Settings** window, accept defaults.

Click on the **Next** button.

15)	In	the	Error	and	Usage	Report	Settings	
	wir	idow,	accept	the de	efaults.			

Click on the Next button.



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16) In the Ready to Install window.

Click on the Install button.

Microsoft SQL Server 2005 Set	100		×
Ready to Install Setup is ready to begin installate	90.		1
Setup has enough information to a change any of your installation set			
The following componen SQL Server Databa (Database Services, Replic Integration Service Client Components (Connectivity Components, Development Studio, SQL S	ase Services ation, Full-Text 5 es Management To	Search) xols, Business Inte	ligance
teep	< Bed.	[]retail	Cancel

17) In the **Setup Progress** window files are copied from the CD to the specified folder.

MSSQL Setup performs a number of activities, which takes several minutes.

The selected components are being config.	2 BIL	-
Product	Suba	
MSI/MA SQL Setup Support Files SQL Native Clent SQL VSI Writer	Setup Insteed Setup Risebed	
Overcli SQL Server Badwerk-Compatibility Files SQL Server Database Services Integration Services	Configuring components	-
Status Preparing to instal Microsoft Office 2003	Web Components	

If the installation is taking place from a CD you will be prompted to exchange CDs' during this phase of the installation. If you are loading from a DVD installation will proceed without interruption.

Microsoft SQL Server 2005 Setup	<u>×</u>
Please insert Disc 2.	
0 h	OK Cancel

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18) In the Completing Microsoft SQL Server2005 Setup window, accept the defaults.

Click on the Finish button.



19) After the database is completed, Signal Safe software can be installed. Reboot the server before installing the Signal Safe software.

II. Installing Signal Safe Software

Now that the database is ready for use, the Signal Safe software can be installed onto the computer or server that will be considered the Signal Safe Server.

A. Requirements Needed Prior to Installing Signal Safe Software

- 1) Attach the HASP Key to an available USB port on the computer or server where the software is to be installed. The HASP key was shipped with the Signal Safe software.
- 2) Make sure all current Windows Updates are installed on the computer or server prior to installing the Signal Safe software.

Important Windows Update needed at a minimum is .NET 3.0

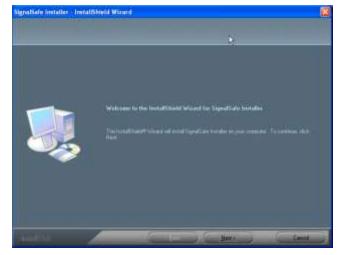
3) A Windows login ID with administrative privileges for installation.

B. Signal Safe Software Installation

- 1) On the Signal Safe computer, log in to Windows using the administrator ID.
- 2) Insert the Signal Safe 4.0.1.4 CD in the CD-ROM drive. Wait a few seconds for the Wizard to load.

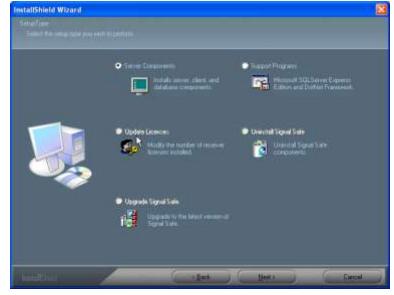
If the CD does not auto start, open Windows Explorer, choose the CD drive and double-click on setup.exe in the disk directory.

Read the information in the Welcome window.
Click on the Next button.



4) In the Setup Type window, select the Server Components option.

Click on the Next button.



This window has a number of choices, some of which are dimmed depending on which Signal Safe components (if any) are found on the machine.

- a. **Server Components** choose this option to install Signal Safe server, client, and database components on a server.
- b. **Update Licenses** choose this option to modify the number of receiver licenses installed.
- c. **Upgrade Signal Safe** choose this option to upgrade the version of Signal Safe that you are running.

Please contact ABM Technical Support Department for the appropriate Upgrade code.

For upgrade instructions, see the *Signal Safe Upgrade Instructions* document (not included in this document).

- d. Support Programs choose this option to install:
 - 1. Microsoft SQL Express database; See "Installing Microsoft SQL Express" on page 5.
 - 2. Dot Net Framework
- e. Uninstall Signal Safe choose this option to uninstall all Signal Safe components.
- 5) Click on the Cancel to exit Setup without loading anything onto the computer.
- 6) Read and Click on the OK button to install a Network Share. This step *MUST* be done in order for Signal Safe to work properly.

SignalSafe Installer - InstallShield Wizard	
	This software requires that a network share be created. This share will be in the SignalSafe\bin\Viewer directory.
<u> </u>	If you require restricted access to this share, you will need to manually set these up after installation completes.
	All users which will need access to the SignalSafe Viewer will need to have read access to this network share.

 In the Choose Destination window, select the drive from the drop down list where Signal Safe will be installed.

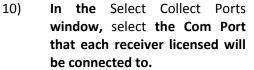
Click on the Next button.



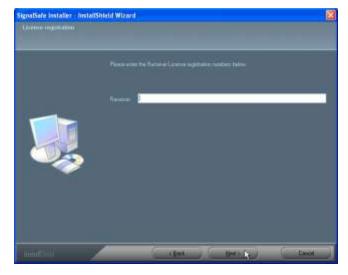
8) Click on the Yes button twice, if two Question windows pop up.

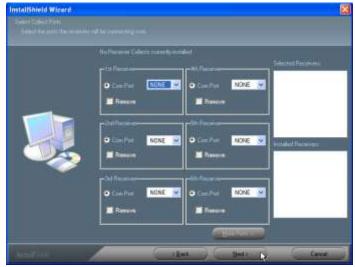
 In the License Registration window, enter the license code provided by ABM with the software package.

Click on the Next button.



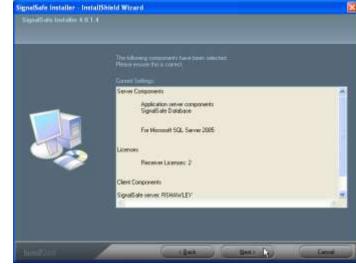
Click on the Next button.





11) In the Current Settings window, verify settings for installation are correct.

If all is correct, click on Next button.



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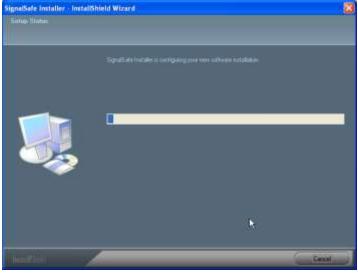
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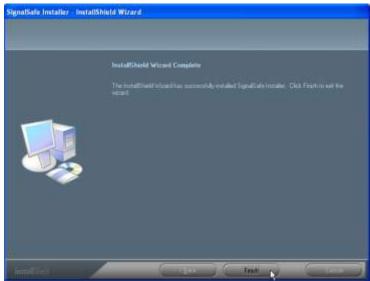
12) The Setup Status window will appear while the components are being installed.

The status bar will move to 100%.

13) The Install Wizard Complete window will pop up once installation is complete.

Click on the Finish button.





If the Application Install – Security Warning window pops up, select the Install button.



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- 14) An Installing Signal Safe Viewer window will pop up after either the Finish button or Install button is selected. Let the window install the Viewer component.
- 15) Once the installation is complete, the Signal Safe Viewer window will pop up on the screen.
- 16) Close out of the viewer by clicking on the red X in the upper right hand corner.
- 17) Then click on the Finish button.
- 18) Reboot the server.

Signal Safe is now completely installed. Connect the device(s) to the appropriate port(s) that are to use Signal Safe. Then start the Signal Safe service and launch the Signal Safe Viewer.

C. Installing Signal Safe Client Viewer

This section of the manual assumes that the Signal Safe Printer Replacement Software has already been installed on the server and working properly. *If this is not the case, please follow the directions starting at the beginning of this manual.*

- 1) Log on to the computer with the administrator login that will be using the Signal Safe Client Viewer.
- 2) Click on the Start button (this step is for the versions of Windows XP and newer).
- 3) Follow the next step depending on the version of Windows the client is using:
 - a) Windows XP:
 - Click on Run
 - Click on Browse
 - Click on Network
 - Click on Entire Network
 - Click on Windows Network
 - Click on the domain or workgroup the Signal Safe Server is located on
 - Click on the server name
 - Login using an administrator login if prompted
 - Click on Signal Safe
 - Click on Bin
 - Click on Viewer
 - Double click on setup.exe
 - Click on OK button in the Run box
 - ** Go to Step 4) **

- b) Windows 7:
 - Click on Network
 - Click on the Signal Safe Server Name
 - Click on Signal Safe
 - Click on bin
 - Click on Viewer
 - Right click on setup.exe
 - Select Run as Administrator
 - ** Go to Step 4) **
- 4) The Launching Application Window will open.

5) Click on the Install Button when the

Window Opens.

Application Install Security Warning



6) The Signal Safe Viewer will open and show the signals that are coming into the Signal Safe server.

If there are any errors while installing the Signal Safe Client Viewer, please contact <u>ABM's Technical Support</u> for assistance.