

# **Step-by-Step Guide to Ansur Executive 3.0**

With or without Electronic Signatures

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## Table of Contents

Background	3
Set up Central PC:	4
Configuring SQL Server 2005:	11
Ansur Executive Server Installation:	18
Obtaining IP address of central PC	22
Ansur Executive Installation	22
Opening ports for SQL Server	26
Uninstalling SQL Server 2005	40
Installing Ansur without Electronic Signatures	42
Log into Ansur	43
Troubleshooting SQL Sever	44
Frequently Asked Questions	47



### **Ansur with Electronic Signatures**

### Background:

Electronic signature is a new feature that is implemented in Ansur 3.0.0 to grant different authority levels to users for editing, creating, and running test templates as well as signing test reports electronically. This feature requires installation of SQL Server 2005 and Ansur Executive Server on a central PC. The central PC keeps records of users' information and their electronic signatures. Every time user logs into Ansur executive, user's credentials are checked on the central PC and user is logged in upon successful verification. The client computers do not require installation of SQL Server 2005 or Ansur Executive Server programs and only need Ansur Executive software. It is worth noting that the same computer can act as a central PC and a client PC. To achieve this, the PC should be configured as a central PC first and then Ansur executive must be installed on the same PC. Figure below illustrates the relationship between central PC and client PC.





Below is the list of software that needs to be installed on central and each client PC:

- Central PC
  - Microsoft SQL Server 2005
  - Ansur Executive Server



Client PC

 Ansur Executive



The following section will instruct you on how to install each software program on its respective PC.

# Set up Central PC: SQL Server 2005 Installation:

1. Download SQL Server 2005 from the link below. http://www.microsoft.com/en-us/download/details.aspx?id=184

### Choose the download you want



2. Run the setup executable file to start the installation wizard. Check corresponding box to accept licensing terms.

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Microsoft SQL Server 2005 Setup	x
End User License Agreement	
MICROSOFT SOFTWARE LICENSE TERMS MICROSOFT SQL SERVER 2005 EXPRESS EDITION SERVIO PACK 4 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 an Microsoft * updates, * supplements, * Internet-based services, and * support services V lacept the licensing tems and conditions	E T
Print Next > Ca	ncel

3. Click Next.





4. Click Next.



5. Click Next.

ror arning
arning
A
<u>s</u> E
<u>s</u>
<b>T</b>



6. Enter Name and Company and select Next.

🖶 Microsoft SQL Server 2005 Express Edition Setup	×
<b>Registration Information</b> The following information will personalize your installation.	
The Name field must be filled in prior to proceeding. The Company field is optional.	
N <u>a</u> me:	
Fluke Biomedical	
Company:	
Fluke Biomedical	
Hide advanced configuration options	
Help < Back Next > Cance	!

7. Select Client Components and select all sub-items as shown below. Click Next.

💾 Microsoft SQL Server 2005 Express Edition Setup		
Feature Selection           Select the program features you want installed.		
Click an icon in the following list to change how a feature is installed.		
Client Components      Will be installed on local hard drive      B Entire feature will be installed on local hard drive		
This feature requires 35 MB on your hard drive. It has 2 of 2 subfeatures selected. The subfeatures require 49 MB on your hard drive.		
Installation path		
C: Program Hiles (x86) Wicrosoft SQL Server \ Browse		
Disk Cost		
Help < Back Next > Cancel		



8. Select Mixed Mode authentication and set a password for SQL server instance. This password should be complex enough.



Remember this password as it will be used later.

岁 Microsoft SQL Server 2005 Express Edition Setup	23
Authentication Mode The authentication mode specifies the security used when connecting to SQL Server.	
Select the authentication mode to use for this installation.	
<ul> <li>Windows Authentication Mode</li> <li>Mixed Mode (Windows Authentication and SQL Server Authentication)</li> </ul>	
Specify the sa logon password below: Enter password:	
Confirm password:	
Help < Back Next > C	ancel



9. Enable User Instances and Add user to the SQL Server Administrator role and select Next.



10. Check the corresponding boxes and select Next.

🔂 Microsoft SQL Server 2005 Express Edition Setup	x
Error and Usage Report Settings Help Microsoft improve some of the SQL Server 2005 components and services.	
Automatically send Error reports for SQL Server 2005 to Microsoft or your corporate reporting server. Error reports include information regarding the condition of SQL Ser 2005 when an error occurred, your hardware configuration and other data. Error rep may unintentionally include personal information, which will not be used by Microsoft.	error ver ports
Automatically send Eeature Usage data for SQL Server 2005 to Microsoft. Usage dat Implication information about your hardware configuration and how you use software and services.	a e our
By installing Microsoft SQL Server 2005, SQL Server and its components will be configure automatically send fatal service error reports to Microsoft or a Corporate Error Reportin Server. Microsoft uses error reports to improve SQL Server functionality, and treats all information as confidential.	ed to g
Help Cance	!

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11. Click Install.



#### 12. Click Next.

💹 Microsoft SQL Server 2005 Setup			×
Setup Progress The selected components are being config	ured		
Product SOL Setup Support Files SOL Native Client SOL VSS Writer SOL Server Database Services	Status Setup finished Setup finished Setup finished		
Help	<< Back	Next >>	Cancel



13. SQL server 2005 has been installed successfully. Click Finish.

Microsoft SQL Server 2005 Setup	23
Completing Microsoft SQL Server 2005 Setup	
Setup has finished configuration of Microsoft SQL Server 2005	
Refer to the setup error logs for information describing any failure(s) that occurred setup. Click Finish to exit the installation wizard.	d during
Summary Log	
To minimize the server surface area of SQL Server 2005, some features and servic disabled by default for new installations. To configure the surface area of SQL Ser	es are ver, use the
Surface Area Configuration tool.	
Configuring and Managing SQL Server	<u> </u>
Express	=
<ul> <li>For improved manageability and security, SQL</li> </ul>	
Server 2005 provides more control over the SQL	
Server surface area on your system. To minimize	
the surface area, the following default	
instance of SOL server:	
Instance of our server.	
<ul> <li>TCP/IP connections are disabled</li> </ul>	
a Named Rippe is disabled	Ŧ
Help	Finish

### Configuring SQL Server 2005:

1. From the Start menu in Windows, run SQL Server Surface Area Configuration under All Programs.





2. Select Surface Area Configuration for Services and Connections.



3. Click on SQL Server Browser and select Automatic for Startup Type.

😤 Surface Area Configuration for Services and Connections - localhost		
SQL Server 2005 Surface Area Configuration Help Protect Your SQL Server		
Enable only the services and connection protect your server by reducing the surfa Select a component and then configure its	types used by y ice area. For defa services and cor	our applications. Disabling unused services and connections helps ult settings, see <u>Help</u> . unections:
SQLEXPRESS     Jotabase Engine     Service     Remete Connections	This service ret this service is re	ums named pipe and TCP port information to client applications. Enabling ecommended for Analysis Services.
E C SQL Server Browser	Service name:	SQLBrowser
➡ Service	Display name:	SQL Server Browser
	Description:	Provides SQL Server connection information to client computers.
	Startup type:	Automatic
	Service status	Automatic
	Start	Disabled
View by Instance View by Component		
		OK Cancel Apply Help



4. Select Apply and then click on Start.

🐴 Surface Area Configuration for Servic	es and Connect	ions - localhost
SQL Server 2005 Surface Area Configuration Help Protect Your SQL Server		
Enable only the services and connection protect your server by reducing the surfa Select a component and then configure its	types used by yo ce area. For defa services and cor	our applications. Disabling unused services and connections helps ault settings, see <u>Help</u> . unections:
<ul> <li>☐ SQLEXPRESS</li> <li>☐ Database Engine Service</li> </ul>	This service ret this service is re	ums named pipe and TCP port information to client applications. Enabling accommended for Analysis Services.
Remote Connections	Service name:	SQLBrowser
→ Service	Display name:	SQL Server Browser
	Description:	Provides SQL Server connection information to client computers.
	Startup type:	Automatic
	Service status:	Stopped
	Start	Stop Pause Resume
View by Instance View by Component		
		OK Cancel Apply Help

5. Select Remote Connections and check 'Local and remote connections' and 'Using both TCP/IP and named pipes' as demonstrated below.

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Surface Area Configuration for Servic	es and Connections - localhost
SQL Server 2005 Surfa	ace Area Configuration
Enable only the services and connection protect your server by reducing the surface Select a component and then configure its	types used by your applications. Disabling unused services and connections helps ice area. For default settings, see <u>Help</u> .
<ul> <li>G SQLEXPRESS</li> <li>G Database Engine Service</li> <li>→ Remote Connections</li> <li>SQL Server Browser</li> </ul>	By default, SQL Server 2005 Express, Evaluation, and Developer editions allow local client connections only. Enterprise, Standard, and Workgroup editions also listen for remote client connections over TCP/IP. Use the options below to change the protocols on which SQL Server listens for incoming client connections. TCP/IP is preferred over named pipes because it requires fewer ports to be opened across the firewall.
View by Instance View by Component	
	OK Cancel Apply Help

- 6. Select Apply and close the program.
- 7. From the Start menu in Windows, run SQL Server Configuration Manager under All Programs menu.





8. Select Protocols for SQLEXPRESS and enable both Name Pipes and TCP/IP by right-clicking on each item and selecting Enable.

🛐 SQL Server Configuration Manager							
File     Action     View     Help       Image: Constraint of the second seco							
<ul> <li>SQL Server Configuration Manager (Local)</li> <li>SQL Server 2005 Services</li> <li>SQL Server 2005 Network Configuration (3:</li> <li>Protocols for SQLEXPRESS</li> <li>SQL Native Client Configuration (32bit)</li> </ul>	Protocol Name Shared Memory Named Pipes TCP/IP	Status Enabled Disabled Disabled Disabled	Enable Disable Properties				
SQL Server Configuration Manager         File       Action       View       Help         Image:							
<ul> <li>SQL Server Configuration Manager (Local)</li> <li>SQL Server 2005 Services</li> <li>SQL Server 2005 Network Configuration (3:</li> <li>Protocols for SQLEXPRESS</li> <li>SQL Native Client Configuration (32bit)</li> </ul>	Protocol Name Shared Memory Named Pipes TCP/IP	Status Enabled Enabled Disabled Disabled	Enable Disable Properties				

9. Double-click on TCP/IP.



😚 SQL Server Configuration Manager				x
File Action View Help				
<ul> <li>SQL Server Configuration Manager (Local)</li> <li>SQL Server 2005 Services</li> <li>SQL Server 2005 Network Configuration (3:</li> <li>Protocols for SQLEXPRESS</li> <li>SQL Native Client Configuration (32bit)</li> </ul>	Protocol Name Shared Memory Named Pipes TCP/IP	Status Enabled Enabled Disabled		

10. Select IP Addresses tab on the top and scroll down the bottom. Change TCP Dynamic Ports to 1433 and select Apply.

Ξ	IP8		-
	Active	Yes	
	Enabled	No	
	IP Address	169.254.144.2	
	TCP Dynamic Ports	0	
	TCP Port		
Ξ	IP9		
	Active	Yes	
	Enabled	No	
	IP Address	::1	
	TCP Dynamic Ports	0	
	TCP Port		
Ξ	IPAII		
	TCP Dynamic Ports	1433	5
	TCP Port		
			-



11. Select SQL Server 2005 Services on the left pane and right-click on SQL Server (SQLEXPRESS). Select restart.

🖸 SQL Server Configuration Manager								
File         Action         View         Help           (= =)         (2)         (								
SQL Server Configuration Manager (Local) SQL Server 2005 Services SQL Server 2005 Network Configuration (3, Protocols for SQL EXPRESS	Name	State	Start Mode					
	SQL Server (SQLEXPRESS)	Running	Automatic					
	🔊 SQL Server Browser	Running	Start					
SQL Native Client Configuration (32bit)			Stop					
			Pause					
			Resume					
			Restart					
			Properties					
			Help					

12. Select SQL Server Browser and right-click on it. Select Restart.

😚 SQL Server Configuration Manager			
File         Action         View         Help           <			
SQL Server Configuration Manager (Local)	Name	State	Start Mode
	SQL Server (SQLEXPRESS)	Running	Automatic
▲ 및 SQL Server 2005 Network Configuration (3. 및 Protocols for SQLEXPRESS ▷ 및 SQL Native Client Configuration (32bit)	🔊 SQL Server Browser	Running	Start Stop Pause Resume Restart <b>Properties</b>
			Help

13. You have successfully configured SQL Server 2005.



### **Ansur Executive Server Installation:**

Ansur executive Server is also needed on the central PC. Follow the instructions below to install and configure Ansur Executive server on central PC.

Note: you may need to run this application as an administrator.

1. Double-click on Ansur Executive Server file to start installation. Click Next.



2. Check the corresponding box and click Next.

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Please read the fo	llowing license agre	ement carefully.	_	Biomedical
END USER LICER Copyright © 200 All rights reserv	ISE AGREEMEN 00, 2006 by FL ved.	T UKE Corporation.		
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this agreement. I all software and r (FLUKE) within 30	f you do not agre eturn all materia days for a refun	ee to the terms of thi Is in this package to Id.	s agreemen FLUKE Corp	t, uninstall poration
this agreement. I all software and r (FLUKE) within 30 You have purchas software containe	f you do not agre eturn all materia days for a refun ed a software lic d herein. FLUKE	ee to the terms of thi Is in this package to d. cense granting you th retains ownership of	s agreemen FLUKE Corp ne right to us this softwar	nt, uninstall poration se the re on the
this agreement. I all software and r (FLUKE) within 30 You have purchas software containe I accept the terms	f you do not agre eturn all materia days for a refun ed a software lic d herein. FLUKE in the license agree	ee to the terms of thi Is in this package to Id. eense granting you th retains ownership of ement	s agreemen FLUKE Corp ne right to us this softwar	it, uninstall poration se the re on the Print

3. Fill out the SQL Server information noted down while installing SQL Server 2005 in the first part. The following information is required to be filled in:

SQL Instance: **SQLEXPRESS** (this is the default name) Login: **sa** (default login username) Password: \*\*\*\*\*\*\* (Set in step 8 of SQL Server 2005 installation)

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😸 Ansur Executive	e Server - In	stallShield Wizard	X
Customer Infor	mation		FLUKE,
Please enter yo	ur informatio	on.	Biomedical
SQL Server Authenti	cation —		
SQL Instance:	SQLEXPRE	SS	
Login:	sa		
Password:	•••••	••••	
Customer Informatio	n —		
<u>U</u> ser Name:	Fluke Bion	edical	
Organization:	Fluke Bion	edical	
Install this applic	ation for:	Anyone who uses this computer (all user	·s)
InstallShield		Only for me (Alan)	
		< Back Next >	Cancel

### 4. Click Next.

🔡 Ansur Exe	cutive Server - InstallShield Wizard		X
Destinatio	on Folder		FLUKE,
Click Nex different	t to install to this folder, or click Change to install to a folder.	_	Biomedical
	Install Ansur Executive Server to: C:\Program Files (x86)\Fluke\Ansur\		Change
InstallShield –			
	< Back Ne	ext >	Cancel



5. Click Install.



6. Click Finish.





### **Obtaining IP address of central PC**

Now, you need to obtain the IP address of the central PC so that client PC can establish communication with central PC.

On the central PC, click on the Start button in Windows. In the search box, type 'cmd' and click enter to start the command prompt. In command prompt type 'ipconfig' and press enter. Search for IPv4 in the response text as shown below:

Temporary IPv6 Address.			=	2601:8:8000:72d:8047:1ba7:14e2:51
Link-local IPv6 Address			=	fe80::7dbb:d010:8e2b:a9ec%10
IPv4 Address			=	192.168.1.109
Subnet Mask			=	255.255.255.0
Default Gateway				fe80::5a6d:8fff:fef6:3a0a%10
				192.168.1.1



Make a note of the IPv4 address as it will be used during Ansur Executive installation.

There may be multiple IP addresses for different network adapters on your PC. For example, IPv4 addresses for both Ethernet and Wireless adapters could be shown. Please ensure that the IPv4 for the active adapter is noted in this case. It is recommended to request a static IP from your IT department for central PC.

### **Ansur Executive Installation**

At this point, the central PC is set up to communicate with client PCs. You are ready to install Ansur Executive 3.0.0 on each client PC.

1. Run Ansur executive 3.0.0 installation file and then click Next.

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2. Check the corresponding box and click Next.





3. Fill out the server information that you gathered in the previous steps. For example, password is the password of SQL Server on central PC which was set previously and the IP address is the IP address of the central PC. Refer to the previous steps for more information. Click Next.

🛃 Ansur Executive - InstallSh	ield Wizard		×
SQL Server Authentication Please enter your information	n and Customer Infor	mation	FLUKE.
COL Server Authentication			Biomedical
SQL Server Addrendcauon —			
Server Address: 192.168.1	1.1	Login:	sa
SQL <u>I</u> nstance: SQLEXPRE	ESS	Password:	•••••
Customer Information			
User Name: Fluke Biome	edical		
Organization: Fluke Biome	edical		
Install this application for:	<ul> <li>Anyone who uses</li> <li>Only for me (Dan</li> </ul>	s this computer aherTM)	(all users)
InstallShield			
	< Back	Nex	t > Cancel

4. Click Install.

😸 Ansur Executive - InstallShield Wizard	x
Ready to Install the Program The wizard is ready to begin installation.	FLUKE.
Click Install to begin the installation. If you want to review or change any of your installation settings, click B exit the wizard.	ack. Click Cancel to
InstallShield < Back Install	Cancel



5. Click Extract.



6. Click Finish.





7. Ansur Executive is installed successfully. Click Finish.



8. Use login username 'admin' and password 'admin' to log into Ansur for the first time. Refer to Ansur User's Manual on how to setup different users' profiles.

### **Opening ports for SQL Server**

### Part 1:

- 1. Go to Control Panel and open Windows Firewall.
- 2. Click on Allow a program or feature through Windows Firewall.

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3. Click Allow Another Program.





4. Click on Browse.

Add a Program	23
Select the program you want to add, or click Browse to find one that listed, and then click OK.	is not
Programs:	
Global Flags (X86)	
💿 Google Chrome	
Coogle Drive	
20 Help Workshop	
9 HydroGraph	
Finternet Explorer	
CInternet Explorer (64-bit)	
Vilunes	
Keil uVision5	-
Path: C:\Program Files\7-Zip\7zFM.exe Brow	se
What are the risks of unblocking a program?	
You can choose which network location types to add this program to.	
Network location types Add Ca	ncel



 Browse to sqlserver.exe location. On a 64-bit PC, this is located in the following path: C:\Program Files (x86)\Microsoft SQL Server\MSSQL.1\MSSQL\Binn Select sqlserver.exe and click on Open.





### 6. Click on Add.

Add a Program	23
Select the program you want to add, or click Browse to find one that i listed, and then click OK.	is not
Plavia Craater Starter	
Run Script (x64)	
Run Script (x86)	
SciTE Script Editor	
Skype	
Snapshot	
Software Center	
SQL Server Error and Usage Reporting	
SQL Server Management Studio Express	
SQL Server Windows NT	
	*
Path: C:\Program Files (x86)\Microsoft SQL Server\ Brows	æ
What are the risks of unblocking a program?	
You can choose which network location types to add this program to.	
Network location types Add Car	ncel



### Part 2:

- 1. Go to Control Panel and open Windows Firewall.
- 2. Click on Advanced Settings.



### 3. Click on Inbound Rules and then New Rule....





4. Select Port.

Prew Inbound Rule Wizard	23
Rule Type Select the type of firewall rule to cr	eate.
Steps: Protocol and Ports Action	What type of rule would you like to create?
<ul><li>Profile</li><li>Name</li></ul>	Rule that controls connections for a program.     Port     Rule that controls connections for a TCP or UDP port.     Predefined:
	BranchCache - Content Retrieval (Uses HTTP)     Rule that controls connections for a Windows experience.      Custom     Custom     Custom rule.
	Leam more about rule types           Kext >         Cancel



5. Select TCP and enter 1433 for Specific local ports.

Prew Inbound Rule Wizard		)
Protocol and Ports		
Specify the protocols and ports to	which this rule applies.	
Steps:		
Rule Type	Does this rule apply to TCP or UDP?	
Protocol and Ports	ТСР	
Action	O UDP	
Profile		
Name	Does this rule apply to all local ports or specific local ports?	
	All local ports	
	Specific local ports: 1433	
	Example: 80, 443, 5000-5010	
	Learn more about protocol and ports	
	< Back Next > Cancel	



### 6. Select Next.

New Inbound Rule Wizard		
Action		
Specify the action to be taken who	en a connection matches the conditions specified in the rule.	
Steps:		
Rule Type	What action should be taken when a connection matches the specified conditions?	
Protocol and Ports	Allow the connection	
Action	This includes connections that are protected with IPsec as well as those are not.	
Profile	Allow the connection if it is secure	
Name	<ul> <li>Anow the connection if it is secure</li> <li>This includes only connections that have been authenticated by using IPsec. Connections will be secured using the settings in IPsec properties and rules in the Connection Security Rule node.</li> <li>Customize</li> <li>Block the connection</li> </ul>	el



### 7. Select Next.

	New Inbound Rule Wizard	
P	rofile	
Sp	ecify the profiles for which this r	ule applies.
S	teps:	
۲	Rule Type	When does this rule apply?
•	Protocol and Ports	
	Action	V Domain
۲	Profile	Applies when a computer is connected to its corporate domain.
۲	Name	Private
		Applies when a computer is connected to a private network location.
		Applies when a computer is connected to a public network location.
		Learn more about profiles
		< Back Next > Cancel



8. Enter a name for this port. Ansur TCP was chosen in this case. Select Finish.

mer New Inbound Rule Wizard	
Name	
Specify the name and description of this rule.	
Steps:	
Rule Type	
<ul> <li>Protocol and Ports</li> </ul>	
Action	
Profile     Name:	
Name     Ansur TCP	
Description (optional):	
< Back Finish	Cancel

- 9. Repeat step 1-4 as mentions above.
- 10. For protocol and ports menu, select UDP and enter 1434 for Specific local ports.

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Prew Inbound Rule Wizard		<u> </u>
Protocol and Ports		
Specify the protocols and ports to	o which this rule applies.	
Steps:		
Rule Type	Does this rule apply to TCP or UDP?	
Protocol and Ports	<u>тср</u>	
<ul> <li>Action</li> </ul>	ODP	
Profile		
Name	Does this rule apply to all local ports or specific local ports?	
	All local ports	
	Specific local ports: 1434	
	Example: 80, 443, 5000-5010	
	Learn more about protocol and ports	
	Kart Seck Cancel	a



- 11. Repeat steps 6 and 7.
- 12. Once in Name menu, choose a name for this port (Ansur UDP was entered in this case). Select Finish.

	New Inbound Rule Wizard					23
N Sp	lame becify the name and description o	nis rule.				
S	teps:					
	Rule Type					
۲	Protocol and Ports					
۲	Action					
۲	Profile	Name:				
۲	Name	Andur ODP				
		Description (optional)				
				< Back	Finish Cance	
			,			



### **Uninstalling SQL Server 2005**

1. Under Start menu in Windows 7, type Services and run Services software tool. In Windows 8, select View local services.

Programs (3)		
Services		
les Component Services		
services.exe		
Control Panel (6)		
Wiew local services Microsoft OneNote (3)		
₽ See more results		
services	×	Shut down 🕨
📀 💽 📀	NZ	

2. Right-click on SQL Server and select Stop.





3. Go to Control Panel > Programs and uninstall Microsoft SQL Server 2005.

Q. Services							×
File Action View	Help						
(⇒ ⇒) 🗊 🖸 🖸	à 🔒   🛛 📷   🕨 🔳 🕕 🕪						
🖄 Services (Local)	Services (Local)						
	SQL Server (SQLEXPRESS)	Name		Description	Status	Startup Type	Loc *
	Stop the service Pause the service Restart the service Description: Provides storage, processing	Server Shell Hardware D Skype Updater Smart Card Smart Card Remo SMS Agent Host SNMP Trap Software Protection	val Policy	Supports fil Provides no Enables the Manages ac Allows the s Provides ch Receives tra Enables the Provides Co.	Started Started Started	Automatic Automatic Automatic Manual Automatic (D Manual Automatic (D	Loc Loc Loc Loc Loc Loc Loc
	and rapid transaction processing.	SQL Server (S SQL Server Ac SQL Server Br SQL Server VS SSDP Discove stllssvr Storage Servic Superfetch System Event Tablet PC Inp Task Schedul	Start Stop Pause Resume Restart All Tasks Refresh <b>Propertie</b>	to te Q h n fr a sy ab 25 us	Started Started Started Started Started Started	Automatic Disabled Automatic Automatic Manual Manual Automatic Automatic Manual Automatic	Net Net Loc Loc Loc Loc Loc Loc Loc
	Extended Standard		Help				
Stop service SQL Server	r (SQLEXPRESS) on Local Computer						

4. Select SQLEXPRESS and Workstation Components and select Next.

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Microsoft SQL Server 2005	Uninstall				×
Component Selection Select SQL Server 2005 c	omponents to	uninstall.			0
To uninstall existing components	, <mark>s</mark> elect comp	onents to re	move and d	ick Next.	
Remove SQL Server 2005 ins	tance compor	nents			
	Engine				
Remove SQL Server 2005 commo	on component	ts			
Workstation Components					
					Report
	< Back	Nex	:t > ] [	Cancel	Help

5. After software is uninstalled, select Finish.

#### Installing Ansur without Electronic Signatures

If your organization does not intend to use the electronic signature feature, then SQL Server 2005 and Ansur Executive Server programs are not required for installation and only Ansur Executive installation file is needed to install Ansur. This is similar to installation of previous versions of Ansur. However, during installation, select Skip in Server Authentication and Customer information menu as shown in the figure below.

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🚼 Ansur Executive - InstallShield Wizard	x			
SQL Server Authentication and Customer Information Select "Skip" if you don't wish to use electronic signature. Otherwise,				
enter "SQL Server Authentication" details and selec	t "Next". Biomedical			
SQL Server Authentication				
Server Address:	Login:			
SQL <u>I</u> nstance:	Password:			
Customer Information				
User Name:				
Organization:				
Install this application for: <ul> <li>Only for me (Dar</li> </ul>	es this computer (all users) naherTM)			
InstallShield				
< Back Skip >	Next > Cancel			

## Log into Ansur

1. Run Ansur Executive 3.0.0.

🕅 Login		×
Ansur Lo	ogin Screen	FLUKE.
R	Please enter User Name and Login Password	
	Disable Electronic Signature	
User Name	admin	-
Password	*****	
	OK Cancel	



- 2. Enter "admin" for both username and password to log in for the first time.
- 3. You will be prompted to change the password for admin account.

۴	Change Login Password ×
	New Password
	Confirm Password
	Change Login password because of: 1. Login for first time. 2. Password expired. 3. Password reset by Administrator.
	OK Cancel

4. To create more accounts with different authority levels, click on Tools>Manage Profiles... and click on Manage.

### **Troubleshooting SQL Sever**

1. A useful tool to troubleshoot and verify SQL Server connectivity is SQL Server Management Studio which can be found below:

http://www.microsoft.com/en-us/download/details.aspx?id=8961

If an error occur during installation, you may need to run 'cmd' as an administrator and navigate to the downloaded file to run the setup file.

This tool will allow you to connect to SQL server and examine the databases that are installed on the server.

- 2. Install and run SQL Server Management studio on a client PC.
- 3. Enter the IP address of the central PC and the login and password for SQL Server Instance as was set previously in this guide.

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Database Engine	~
192.168.1.120	✓
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sa	¥
********	
	Connect to Server Ver.2005 Database Engine 192.168.1.120 SQL Server Authentication sa

4. If SQL server is configured correctly, you will be able to log in and an Ansur database should appear as shown below. Note that Ansur database is installed by Ansur Executive Server.





- 5. If connecting to central PC was unsuccessful, try step 1-3 on the central PC.
- 6. Run SQL Server Management Studio on the central PC.
- 7. For server name, enter YOURPCNAME\SQLEXPRESS. This option should be the default option from the drop-down menu. Enter username and password for the SQL Server.

	Connect to Server		
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Server type:	Database Engine	v	
Server name:	YOURPCNAME\SQLEXPRESS	Υ.	
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	Remember password		
Connect	Cancel Help Options >>		

 If you are not able to log in, it is likely that SQL Server was not installed or configured correctly. If you are able to log in on the central PC but not client one, it is likely that the Windows Firewall is blocking the SQL Server port. Refer to Opening Ports for SQL Server section in this document.



### **Frequently Asked Questions**

### 1. Can SQL Server 2005 be installed on Windows 8 or 8.1?

Yes, latest version of SQL Server 2005 can be installed on Windows 8 and 8.1. Windows 8 and 8.1 may show compatibility warnings which is normal for relatively older software.

### 2. What are the steps to setting up the central PC?

There are four major steps for this process:

- 1. Installing SQL Server 2005.
- 2. Configuring SQL Server 2005 for remote connections.
- 3. Opening ports on central PC to allow remote connections with client PC. This step may be optional based on Windows configurations on central PC.
- 4. Installing Ansur Executive Server on central PC.
- 3. I was able to set up central PC and log into Ansur, but I have not been successful logging into Ansur since then. Why is that?

If the IP address of the central PC is changed, Ansur will not be able to connect to the central PC until the IP is updated. This may be the cause of this error since you were able to log into Ansur sometime before. It is recommended to request a static IP for the central PC so the IP address is not changed frequently. Please contact your IT department to request a static IP.

#### 4. Can I set up the central and client PCs on different domains?

No, the central and client PC must be on the same internet domain which could be your local area network.

5. Do I need to Install SQL Server 2005 and Ansur Executive Server if I don't intent to use electronic signatures?

No, only Ansur Executive installation file is needed in this case. You can skip the SQL server menu during installation.

6. The IP of the central PC is changed, how can I update this information on client PC(s)? If Ansur cannot verify your login credentials or connect to the central PC, it displays an error and gives you the option to change the IP address in the login screen.