Set up Central PC:

Follow the below instructions in close detail! The steps must be taken in the order they are presented in this document for successful installation!!!

SQL Server 2012 Installation:

- 1. Download SQL Server 2012 Express Edition from the link below. https://www.microsoft.com/en-us/download/details.aspx?id=50003
- 2. Execute the downloaded installation package.
- 3. Select 'New SQL Server stand-alone installation or add features to an existing installation'

to SQL Server Installation Center		
Planning Installation	E	New SQL Server stand-alone installation or add features to an existing installation Launch a wizard to install SQL Server 2012 in a non-clustered environment or to add features to an existing SQL Server 2012 instance.
Tools Resources		Upgrade from SQL Server 2005, SQL Server 2008 or SQL Server 2008 R2 Launch a wizard to upgrade SQL Server 2005, SQL Server 2008 or SQL Server 2008 R2 to SQL Server 2012.
Options		
SQL Server:2012		

4. Check corresponding box to accept licensing terms.

📆 SQL Server 2012 Setup	
License Terms	112 you must accent the Microsoft Software Licence Terms
License Terms Product Updates Install Setup Files	MICROSOFT SOFTWARE LICENSE TERMS MICROSOFT SQL SERVER 2012 EXPRESS 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
	sunnort services
	See the Microsoft SQL Server 2012 Privacy Statement for more information.

 Ensure the 'Database Engine Services' box is checked as shown below. The 'SQL Server Replication' and 'SQL Client Connectivity SDK' options are not needed for Electronic Signature functionality.

Feature Selection Select the Express features to i	install.	
Setup Support Rules Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Error Reporting Installation Configuration Rules Installation Progress Complete	Eeatures:	Feature description: Includes the Database Engine, the core service for storing, processing and securing data. The Database Engine provides controlled access and rapid transaction processing. Prerequisites for selected features: Already installed: Windows PowerShell 2.0 Microsoft .NET Framework 3.5 Microsoft Visual Studio 2010 Redistributable To be installed from internet:
	Select All Unselect All Shared feature directory: C:\Program Shared feature directory (x86): C:\Program	n Files\Microsoft SQL Server\

6. Select the 'Named instance' option. Note the default Named instance name, SQLExpress, for use later in the installation.

髋 SQL Server 2012 Setup					
Instance Configuration	1				
Specify the name and instance	ID for the instance of SQL	Server. Instance	ID becomes part of t	he installation path.	
Setup Support Rules	Default instance				
Feature Selection Installation Rules	Named instance:	SQLExpress			
Instance Configuration Disk Space Requirements	Instance <u>I</u> D:	SQLEXPRESS			
Server Configuration Database Engine Configuration	Instance <u>r</u> oot directory:	C:\Program Fil	es\Microsoft SQL Serv	ver\	
Error Reporting Installation Configuration Rules Installation Progress	SQL Server directory:	C:\Program File	es\Microsoft SQL Serv	er\MSSQL11.SQLEXP	RESS
Complete	Installed instances:	Instance ID	Features	Edition	Version
	1		< <u>B</u> ack	<u>N</u> ext > Car	ncel Help

7. Change the Startup Type for both the 'SQL Server Database Engine' and 'SQL Server Browser' services to 'Automatic' as shown below.

🏗 SQL Server 2012 Setup				-	
Server Configuration					
Specify the service accounts and	d collation configuration.				
Setup Support Rules Feature Selection Installation Rules	Service Accounts Collation	use a separate account for each	SQL Server serv	ice.	
Instance Configuration	Service	Account Name	Password	Startup Type	
Disk Space Requirements	SQL Server Database Engine	NT Service\MSSQLSSQL		Automatic	
Server Configuration	SQL Server Browser	NT AUTHORITY\LOCAL		Automatic	
Installation Configuration Rules Installation Progress Complete					
		< <u>B</u> ack <u>N</u> ext	> Can	cel He	lp

8. Select Mixed Mode authentication and set a password for the SQL server instance. Write down this password, pay special attention to letter casing (upper vs. lower), you will need it later for further setup and troubleshooting!!!

🐮 SQL Server 2012 Setup

Error Reporting

Help Microsoft improve SQL Server features and services.

Setup Support Rules Feature Selection Installation Rules Instance Configuration	Specify the information that you would like to automatically send to Microsoft to improve future releases of SQL Server. These settings are optional. Microsoft treats this information as confidential. Microsoft may provide updates through Microsoft Update to modify feature usage data. These updates might be downloaded and installed on your machine automatically, depending on your Automatic Update settings.
Disk Space Requirements	
Server Configuration Database Engine Configuration	See the Microsoft SQL Server 2012 Privacy Statement for more information.
Error Reporting	Read more about Microsoft Update and Automatic Update.
Installation Configuration Rules	
Installation Progress	- Send Windows and SQL Server Error Reports to Microsoft or your corporate report server. This setting
Complete	only applies to services that run without user interaction.
	< <u>B</u> ack <u>N</u> ext > Cancel Help

9. Proceed through Error Reporting Step (no options needed).

SQL Server 2012 has been installed successfully. Click Close and exit the SQL Server Installation Center.

🐮 SQL Server 2012 Setup

Complete

Your SQL Server 2012 installation completed successfully with product updates.

Setup Support Rules	Information about the Setup operation or po	ossible next steps:		
Feature Selection				
Installation Rules	Feature	Status		
Instance Configuration	Database Engine Services	Succeeded		
	SQL Browser	Succeeded		
Disk Space Requirements	SQL Writer	Succeeded		
Server Configuration	SQL Client Connectivity	Succeeded		
Database Engine Configuration	SQL Client Connectivity SDK	Succeeded		
Error Reporting				
Installation Configuration Rules				
Installation Progress	Details:			
Complete	Viewing Product Documentation for SQL Server Only the components that you use to view and manage the documentation for SQL Server have been installed. By default, the Help Viewer component uses the online library. After installing SQL Server, you can use the Help Library Manager component to download documentation to your local computer. For more information, see Use Microsoft Books Online for SQL Server			

Summary log file has been saved to the following location:

<http://go.microsoft.com/fwlink/?LinkID=224683>.

C:\Program Files\Microsoft SQL Server\110\Setup Bootstrap\Log\20170228 171945\Summary WIN-PHIU013A9GI 20170228 171945.txt

٠

Help

Close

SQL Server 2012 Configuration:

1. Navigate to the Start Menu and run program 'SQL Server Configuration Manager'.

Programs (1)
N
₽ See more results
SQL Server Configuration Manager × Shut down +

2. Expand the 'SQL Server Network Configuration' item. Select the 'Protocols for SQLEXPRESS' sub-item. Double-click the 'TCP/IP' item on the right-hand pane.

<u>File Action View H</u> elp		
🗢 🔿 🖄 🖾 🧟 📑 👔		
🛞 SQL Server Configuration Manager (Local)	Protocol Name	Status
SQL Server Services	Shared Memory	Enabled
SQL Server Network Configuration (32bit	Vamed Pipes	Disabled
SQL Native Client 11.0 Configuration (32)	TCP/IP	Disabled
Sol Server Network Configuration		
SOL Native Client 11.0 Configuration		

3. Change the 'Enabled' setting to 'Yes' in the TCP/IP Properties window. Acknowledge the warning message and close the TCP/IP Properties window.

	TCP/IP Properties	88
	Protocol IP Addresses	
	General Enabled	Vac
	Keep Alive	30000
	Listen All	Yes
Wa	rning	
	Any changes made will be the service is stopped and	e saved; however, they will not take effect until l restarted.
		OK

4. Click the 'SQL Server Services' in the left-hand pane. Locate the 'SQL Server Browser' and 'SQL Server (SQLEXPRESS)' items in the right-hand pane.

Sql Server Configuration Manager			
File Action View Help			
 SQL Server Configuration Manager (Local) SQL Server Services SQL Server Network Configuration (32bit) SQL Native Client 11.0 Configuration (32bit) SQL Server Network Configuration Protocols for SQLEXPRESS SQL Native Client 11.0 Configuration 	Name SQL Server Browser SQL Server (SQLEXPRESS) SQL Server Agent (SQLEXPRESS)	State Running Running Stopped	Start Mode Automatic Automatic Other (Boot, Syste

- 5. Right-click on the 'SQL Server Browser' item and select 'Restart' from the context menu.
- 6. Right-click on the 'SQL Server (SQLEXPRESS)' item and select 'Restart' from the context menu.
- 7. Close the SQL Server Configuration Manager utility.

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.

1. Double-click on Ansur Executive Server installation file to begin installation.



2. Select corresponding option to accept licensing terms.

📅 Ansur Executive Server - InstallShield Wizard	×
License Agreement	CE.
Please read the following license agreement carefully.	dical
END USER LICENSE AGREEMENT Copyright © 2016 by FLUKE Corporation. All rights reserved.	* II
License By using the enclosed program and/or installing the files from the original disks to your hard drive, you are agreeing to become bound by the terms of this agreement. If you do not agree to the terms of this agreement, uninsta all software and return all materials in this package to FLUKE Corporation (FLUKE) within 30 days for a refund.	of II
You have purchased a software license granting you the right to use the software contained herein. FLUKE retains ownership of this software on the	-
I accept the terms in the license agreement I do not accept the terms in the license agreement	nt
InstallShield < <u>B</u> ack Next > Car	ncel

3. Fill in the SQL Server information collected while performing the SQL Server Installation. The following information is required:

Field	Value	Notes
SQL Instance	SQLEXPRESS	setting from step 6 of SQL Server 2012 Installation section above
Login	sa	
Password	****	setting from step 8 of SQL Server 2012 Installation section above

🛃 Ansur Executiv	e Server - In	stallShield Wizard	×
Customer Info	rmation		FLUKE.
Please enter yo	our information	on.	Biomedical
SQL Server Authent	ication		
SQL Instance:	SQLEXPRE	SS	
Login:	sa		
Password:	•••••	••••	
Customer Informatio	on		
<u>U</u> ser Name:	Fluke Bion	nedical	
Organization:	Fluke Bion	nedical	
Install this appli	cation for:	• Anyone who uses this computer (all user	s)
InstallShield		\bigcirc Only for <u>m</u> e (Windows User)	
		< <u>B</u> ack <u>N</u> ext >	Cancel

4. Click Next to proceed through installation step.

📸 Ansur Exe	ecutive Server - InstallShield Wizard	×
Destinati Click Nex different	on Folder It to install to this folder, or click Change to install to a folder.	FLUKE.
	Install Ansur Executive Server to: C:\Program Files (x86)\Fluke\Ansur\	<u>C</u> hange
InstallShield –	< <u>B</u> ack Next >	Cancel

5. Click Install.



6. Click Finish.



Obtaining IP address of Central PC:

Now we 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:



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

Ansur Executive Installation:

At this point, the central PC is set up to communicate with client PCs. You are ready to install Ansur Executive 3.1 on each client PC.

1. Run Ansur Executive 3.1 installation file and then click Next.



2. Select corresponding option to accept licensing terms.

🔀 Ansur Executive - InstallShield Wizard	×
License Agreement	FLUKE.
Please read the following license agreement carefully.	Biomedical
END USER LICENSE AGREEMENT Copyright © 2016 by FLUKE Corporation. All rights reserved.	A E
License By using the enclosed program and/or installing the files from disks to your hard drive, you are agreeing to become bound by this agreement. If you do not agree to the terms of this agreer all software and return all materials in this package to FLUKE O (FLUKE) within 30 days for a refund.	the original y the terms of nent, uninstall Corporation
You have purchased a software license granting you the right t software contained herein. FLUKE retains ownership of this soft	o use the ware on the 🔻
I accept the terms in the license agreement	Print
\bigcirc I do not accept the terms in the license agreement	
InstallShield	
< <u>B</u> ack <u>N</u> ext >	Cancel

3. Fill out the server information that you gathered in the previous steps. For example, password is the password of the 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.

🛃 Ansur Executive	- InstallShield	Wizard		
SQL Server Auth Select "Skip" if y enter "SQL Serv	ou don't wish to er Authentication	nd Customer o use electronic on" details and	Information signature. Otherwise select "Next".	FLUKE.
SQL Server Authent	ication ——			
Server Address:	192.168.231.	130	Login:	sa
SQL Instance:	SQLEXPRESS		Password:	•••••
Customer Information	on			
User Name:	Fluke Biomedica	al		
Organization:	Fluke Biomedica	al		
Install this applic	ation for:	Anyone wh Only for me	o uses this computer e (Windows User)	(all users)
InstallShield				
	< <u>B</u> ack	<u>S</u> kip	> <u>N</u> ext >	Cancel

4. Click Install.

Hansur Executive - InstallShield Wizard	×
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 <u>< B</u> ack Install	Cancel

5. Click Extract and proceed through installation of FTDI CDM Drivers.



6. Ansur Executive is installed successfully. Click Finish.



Open Ansur, the initial login will have the following credentials:
 User Name: Admin
 Password: admin
 Note: username has uppercase A, password has lowercase a.

Login		X
Ansur Log	in Screen	FLUKE.
P	lease enter User Name and Login Password	
User Name Password	Disable Electronic Signature Admin	•
	OK Cancel]

After a successful first-time login, additional signature accounts may be created under Tools > Manage/Edit profiles as described in the Ansur user manual.

Troubleshooting:

Case 1: Username/password Invalid



Solutions:

- Make sure spelling is correct for username/password. It is case sensitive the "A" on Admin needs to be capital for username while the "a" on admin needs to be lowercase for the password.
- *Do not* use the SQL server instance login "sa" from step 3 in the Ansur executive/server installation above. That is only used for the Server instance, not the Ansur electronic signature system.

Troubleshooting:

Case 2: Server Connection Issues



Solutions:

1. Click OK, the IP address line should appear as show below. Open a cmd window and type ipconfig as done just before step 1 of the Ansur executive installation. Confirm that these two IP addresses match, if they do not, correct this in the Ansur login window and click OK.



- 2. Navigate to the SQL Configuration Manager program as done in the SQL Server Configuration section above.
 - Click SQL Server Network Configuration to expand, click the "Protocols for SQLEXPRESS" tab.
 - Right click the "TCP/IP" field and select properties.
 - Click the "IP Addresses" tab, delete the value in the "TCP Dynamic Ports" and leave that field blank.
 - •
 - Edit the "TCP Port" field to a value of 1433, click OK.

SQL Server Configuration Manager (Local)	Protocol Name	Status	
SQL Server Services	Shared Memory	Enabled	
SQL Server Network Configuration	Named Pipes	Disabled	
Reprotocols for SQLEXPRESS	TCP/IP	Enabled	
SQL Native Client 11.0 Configuration	4 101/1	Lindbled	
			0
	TCP/IP Properties		? ***
	Protocol IP Addres	sses	
	TCP Dynamic P	orts 0	*
	TCP Port		
	E IP6		
	Active	Yes	
	Enabled	No	
	IP Address	127.0.0.1	
	TCP Dynamic P	orts 0	
	TCP Port		
	□ IP7		
	Active	Yes	
	Enabled	No	
	IP Address	fe80::5efe:192.168.148	.134%12
	TCP Dynamic P	orts 0	
	TCP Port		E
	E IPAII		
	TCP Dynamic P	orts	
	TCP Port	1433	
	TCP Port		
	TCP port		
		OK Cancel Apply	Help

• Click the 'SQL Server Services' in the left-hand pane. Locate the 'SQL Server Browser' and 'SQL Server (SQLEXPRESS)' items in the right-hand pane.

🚡 Sql Server Configuration Manager			
File Action View Help			
🗢 🔿 🖄 🖸 🔂			
SQL Server Configuration Manager (Local)	Name	State	Start Mode
 SQL Server Services SQL Server Network Configuration (32bit) SQL Native Client 11.0 Configuration (32bit) SQL Server Network Configuration Protocols for SQLEXPRESS SQL Native Client 11.0 Configuration 	SQL Server Browser SQL Server (SQLEXPRESS)	Running Running Stopped	Automatic Automatic Other (Boot, Syste

- Right-click on the 'SQL Server Browser' item and select 'Restart' from the context menu.
- Right-click on the 'SQL Server (SQLEXPRESS)' item and select 'Restart' from the context menu.
- Close the SQL Server Configuration Manager utility.

Troubleshooting:

Case 3: Able to login to Ansur but unable to change password, add or edit users.

Login Details		
User Name	testuser	
Password		
Authority Level	Administrator	
Remind Fluke Biomedical	Ansur	
Electroni 🔞 Unab	ole to add the user. Please try again.	
FirstNa		
First No.	ОК	E
First No Lost No Unique 10		1 862921
First Na Last Na Unique ID Signature Password		1862921

Solution:

The "sa" login on the Ansur SQL server has default language that does not match the operating system language settings. The SQL "sa" login default language must be changed.

- 1. Click start, and type in search bar "cmd", click to open an instance of command prompt
- 2. In command prompt window, login to the server via the following command: SQLCMD -S .\SQLEXPRESS -U sa
- 3. Enter the "sa" password from the above setup section

 Type the following commands to change the login default language setting: USE [master]

GO

ALTER LOGIN [sa] WITH DEFAULT_LANGUAGE = (language choice here) GO

5. Re-launch Ansur and log in, attempt to add/edit user to confirm the fix has worked.

Note: the command line will not return anything when it has changed the setting properly, otherwise an error message will appear if there is a syntax error.



Example changing language to English

Below are the following language options for the SQL server login:

Name in English	Romanian
English	Croatian
German	Slovak
	Slovene
French	Greek
Japanese	Bulgarian
Danish	Russian
Spanish	Turkish
Italian	British English
Dutch	Estonian
Norwegian	Latvian
Portuguese	Lithuanian
	Brazilian
Finnish	Traditional Chinese
Swedish	Korean
Czech	Simplified Chinese
Hungarian	Arabic
Polish	Thai

Final Note:

If all these troubleshooting methods have been attempted and the electronic signature feature still does not work, one or more of the steps in the procedure may have been done incorrectly. It is recommended you uninstall/reinstall SQL Server 2012, Ansur Executive Server and Ansur Executive using the control panel, and restart this process.

Control Panel Home View installed updates	Uninstall or change a program To uninstall a program, select it from the list and then	click Uninstall, Change, or Rep	air.		
Turn Windows features on or off	Organize 🕶 Uninstall Change Repair				100
	Name	Publisher	Installed On	Size	Version
	Ansur Executive	Fluke Biomedical	1/10/2018	101 MB	3.1.3
	🕼 Ansur Executive Server	Fluke Biomedical	1/10/2018	2.62 MB	1.1.0000
	Microsoft .NET Framework 4 Client Profile	Microsoft Corporation	1/10/2018	38.8 MB	4.0.30319
	Microsoft .NET Framework 4 Extended	Microsoft Corporation	1/10/2018	51.9 MB	4.0.30319
	📑 Microsoft SQL Server 2008 Setup Support Files	Microsoft Corporation	1/10/2018	28.5 MB	10.1.2731.0
	Microsoft SQL Server 2012	Microsoft Corporation	1/10/2018		
	Microsoft SQL Server 2012 Native Client	Microsoft Corporation	1/10/2018	3.38 MB	11.3.6020.0
	Microsoft SQL Server 2012 Setup (English)	Microsoft Corporation	1/10/2018	43.1 MB	11.3.6020.0
	📕 Microsoft SQL Server 2012 Transact-SQL ScriptDom	Microsoft Corporation	1/10/2018	4.54 MB	11.3.6020.0
	Microsoft Visual C++ 2008 Redistributable - x86 9.0.3	Microsoft Corporation	1/10/2018	600 KB	9.0.30729.6161
	Microsoft Visual C++ 2010 x86 Redistributable - 10.0	Microsoft Corporation	1/10/2018	11.1 MB	10.0.40219
	Microsoft VSS Writer for SQL Server 2012	Microsoft Corporation	1/10/2018	2.33 MB	11.3.6020.0
	SQL Server Browser for SQL Server 2012	Microsoft Corporation	1/10/2018	9.89 MB	11.3.6020.0
	VMware Tools	VMware, Inc.	1/10/2018	60.3 MB	10.1.15.6627299
	Windows Driver Package - STMicroelectronics (STTu	STMicroelectronics	1/10/2018		07/05/2012 3.0.4.0
	Fluke Biomedical Product version: 11.0000	Support link:	http://www.FlukeBic	medical.com	