Installation of FRAMIGEST 1.3 and higher

Installation with Server

WINDOWS XP: use the appropriate manual for an installation on Windows XP

First of all, be sure that the Windows account you are logged in has Administrator privileges and is locked by a password on the welcoming screen (recommended). Also, it is recommended to turn your antivirus off during this installation and do not accept any quarantine concerning Framiral files.

WARNING! The provided information is very important. Don't try to change the setting, or to skip a step.
If you are not confident, contact FRAMIRAL.

Contents

I]   Configuration

Your network	1 FRAMIRAL PC	1 PC server and 1 or more PC client
The database (the patients' data)	Not Shared Patients	Shared Patients
The manual to use	Simplified Manual (LocalDB)	Manual Server / Manual Server, Sections I, II and V
	A) B)	C)

First of all, you have to choose the network configuration you will be using, between the following three:

A) Only one computer

If:
- You are going to use FRAMIRAL software on only one computer

Then use the Simplified Manual (LocalDB).

B) Many computers, but not networked

If:
- You are going to use FRAMIRAL software on more than one computer
- You are not going to share the patients 'files on the network
- Each therapist will only use one computer (but there can be more than one therapist on each computer)

Then use the Simplified Manual (LocalDB).

C) Many computers, networked

If:
- You are going to use FRAMIRAL software on more than one computer
- Those computers will be networked to share the data
- Each therapist can work on every computer
- You want the patients 'files to be available on every computer
- You want the patients 'files to be saved on one computer

Then:
- Choose a computer to host the patients 'files. This is the **Server**.
- **Follow step II] to IV]** to configure the **Server** (and also step V] if the server will also hosts FRAMIRAL software).
- **Follow step II] and V]** to configure every computer that will host FramiGest (and other FRAMIRAL software).

II]   .NET Framwork

A) Installation

Windows 7:
The computer must have Framework .NET4.5, from Microsoft.
Download it and install from:
http://www.microsoft.com/en-US/download/details.aspx?id=30653

Windows 8:
.NET 4.5 is incorporated in Windows 8. There is nothing to do.

B) Updates

You have to check for Windows updates, and install them all (see instructions below).
Once you've installed update, restart your computer and check for updates again. Install any available update, and start all over again **until the updates list is empty**.
It is possible that you'll have to restart your computer a few times. Installing all updates doesn't mean the next Search for Updates will give no results.

Windows 7:
Start Menu, All Programs, Windows Update then *Search for updates* (on the left). Don't forget to check the optional updates.

Windows 8:
From the Desktop, bring the mouse to the bottom right corner, then click on « Settings », « Control Panel », « Windows update ». Click on *Search for updates*. Don't forget the optional updates.

III] SQL Server 2012 Express

A) SQL Server® 2012 - Express Edition

Warning: To avoid compatibility issues, you must install the English version of SQL Server 2012 – Express Edition. If you would like to install a version in a different language, please contact us.

Go to the following Microsoft website to get Microsoft® SQL Server® 2012 Service Pack 2 (SP2) Express):
http://www.microsoft.com/en-US/download/details.aspx?id=43351
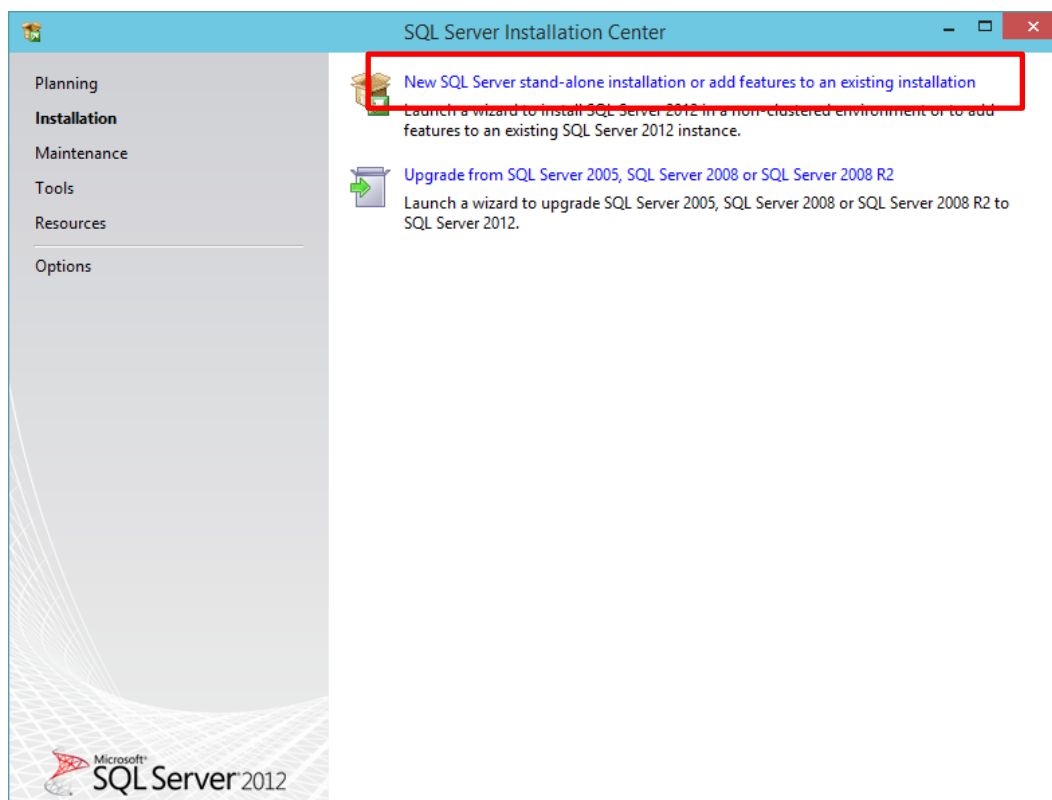
Download and start:

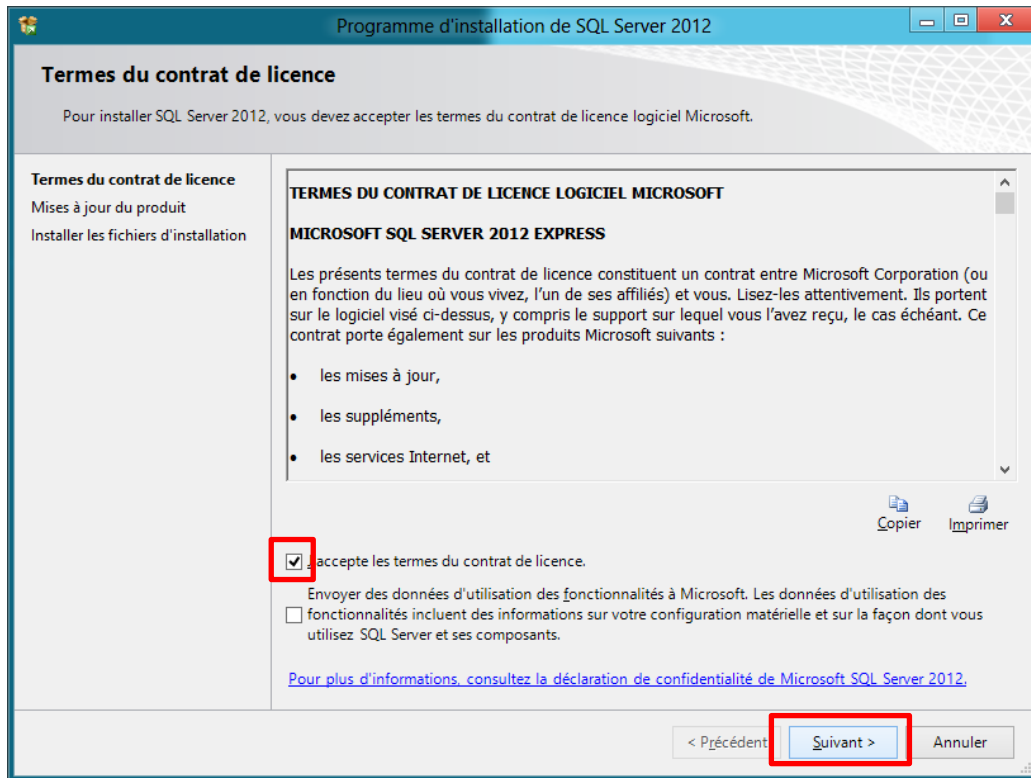- *SQLEXPRWT_x86_ENU.exe*   (32 bits system, 1.1GB)

Or

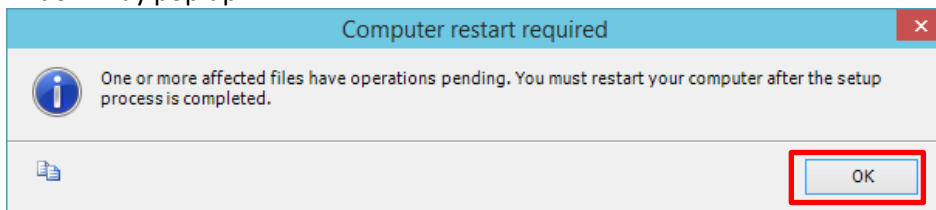- *SQLEXPRWT_x64_ENU.exe*   (64 bits system, 1.1GB).

If a warning window pops up at the beginning, to tell you that you are missing Windows Installer 4.5, contact Framiral.
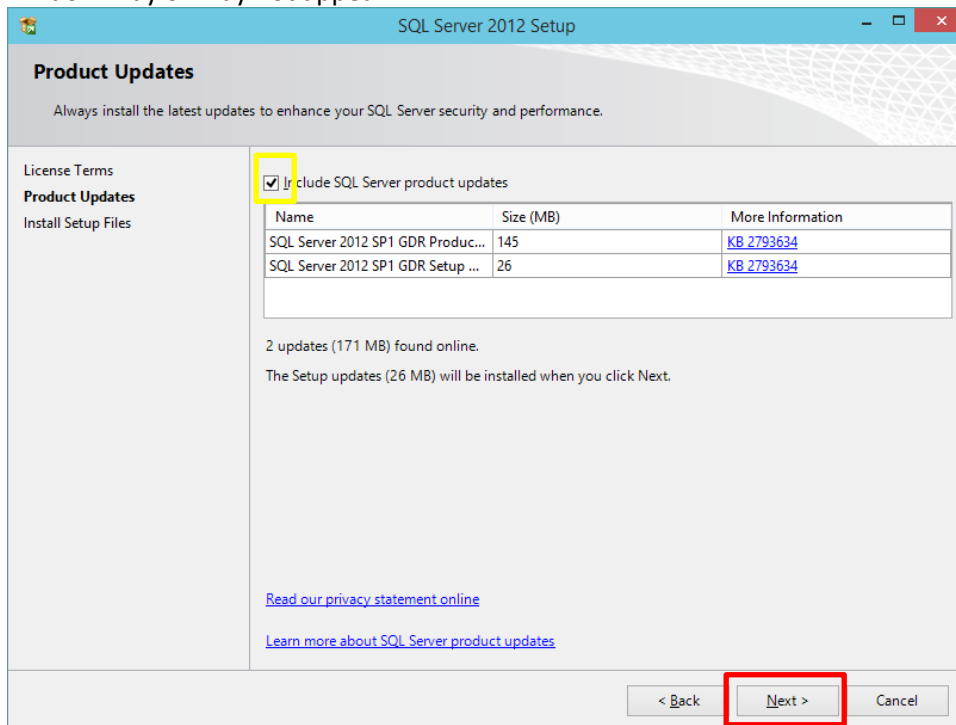
Follow the configuration as shown:

The following window may pop up:

Just click on the OK button.

The following window may or may not appear:

SQL Server 2012 Setup

Feature Selection

Select the Express features to install.

Setup Support Rules	**Features:**	**Feature description:**
Feature Selection	Instance Features	The configuration and operation of each instance feature of a SQL Server instance is isolated from other SQL Server instances. SQL Server instances can operate side-by-side on the same computer.
Installation Rules	☑ Database Engine Services	
Instance Configuration	☑ SQL Server Replication	
Disk Space Requirements	Shared Features	
Server Configuration	☑ Client Tools Connectivity	
Database Engine Configuration	☑ Client Tools Backwards Compatibility	
Error Reporting	☑ Client Tools SDK	
Installation Configuration Rules	☑ Management Tools - Basic	**Prerequisites for selected features:**
Installation Progress	☑ Management Tools - Complete	Already installed:
Complete	☑ SQL Client Connectivity SDK	.... Microsoft .NET Framework 4.0
	☑ LocalDB	.... Windows PowerShell 2.0
	Redistributable Features	To be installed from media:
		.... Microsoft Visual Studio 2010 Shell
		Windows feature(s) to be turned on:
		.... Microsoft .NET Framework 3.5

Select All   Unselect All

This is a 64bits installation. With a 32bits, there can be only one line instead of two.

...red feature directory: C:\Program Files\Microsoft SQL Server\

...red feature directory (x86):   C:\Program Files (x86)\Microsoft SQL Server\

< Back   Next >   Cancel   Help

SQL Server 2012 Setup

Instance Configuration

Specify the name and instance ID for the instance of SQL Server. Instanc... becomes part of the installation path.

Setup Support Rules	○ Default instance
Feature Selection	● Named instance: SQLFramiral
Installation Rules	
Instance Configuration	
Disk Space Requirements	Instance ID: SQLFRAMIRAL
Server Configuration	Instance root directory: C:\Program Files\Microsoft SQL Server\
Database Engine Configuration	
Error Reporting	SQL Server directory: C:\Program Files\Microsoft SQL Server\MSSQL11.SQLFRAMIRAL
Installation Configuration Rules	
Installation Progress	Installed instances:
Complete	

Instance Name	Instance ID	Features	Edition	Version

< Back   Next >   Cancel   Help

SQL Server 2012 Setup

Server Configuration

Specify the service accounts and collation configuration.

- 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

Service Accounts | Collation

Microsoft recommends that you use a separate account for each SQL Server service.

Service	Account Name	Password	Startup Type
SQL Server Database Engine	NT Service\MSSQL$SQL...		Automatic
SQL Server Browser	NT AUTHORITY\LOCAL ...		Disabled

If possible, change the startup type to "Automatic". If, not possible, do it later via the Conf. Manager (Section B])

< Back   Next >   Cancel   Help

SQL Server 2012 Setup

Database Engine Configuration

Specify Database Engine authentication security mode, administrators and data directories.

- 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

Server Configuration | Data Directories | User Instances | FILESTREAM

Specify the authentication mode and administrators for the Database Engine.

Authentication Mode

○ Windows authentication mode

● Mixed Mode (SQL Server authentication and Windows authentication)

Specify the password for the SQL Server system administrator (sa) account.

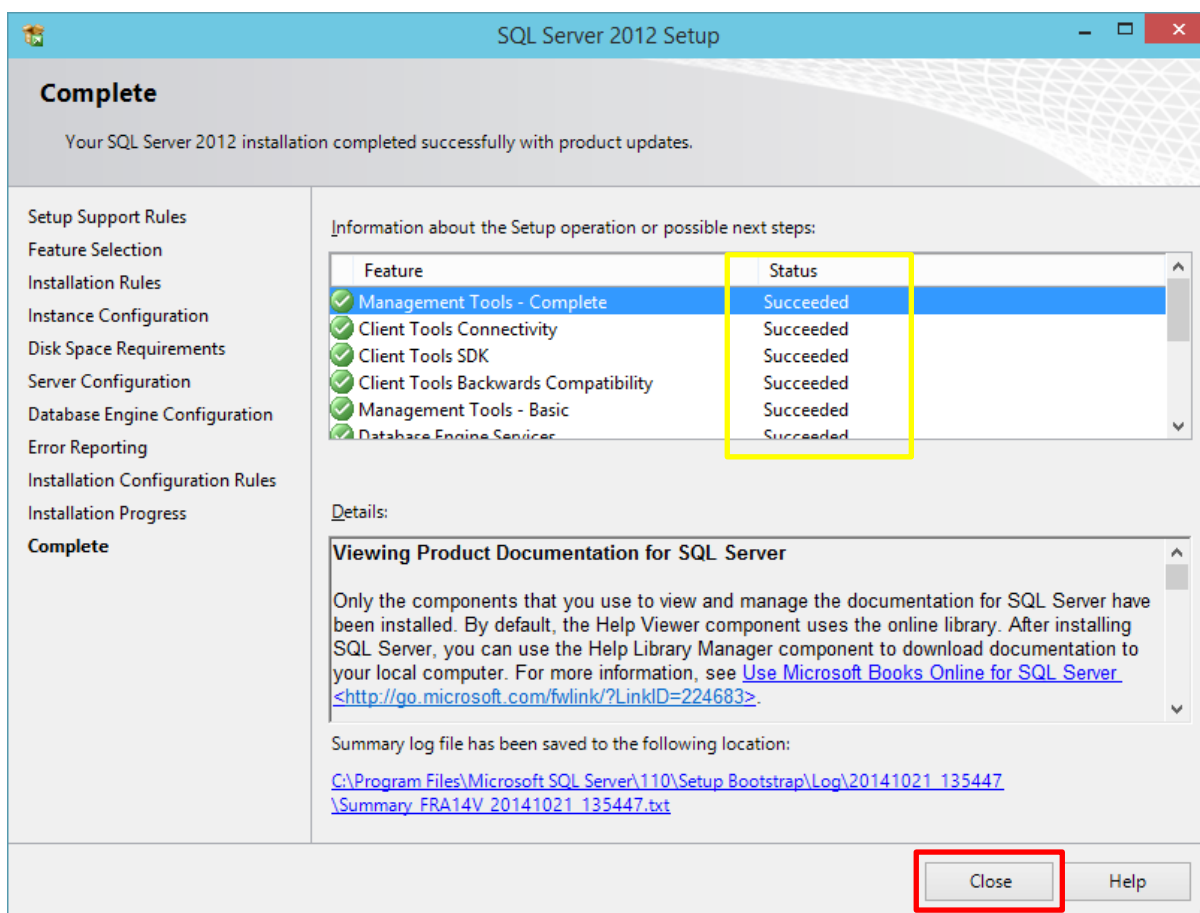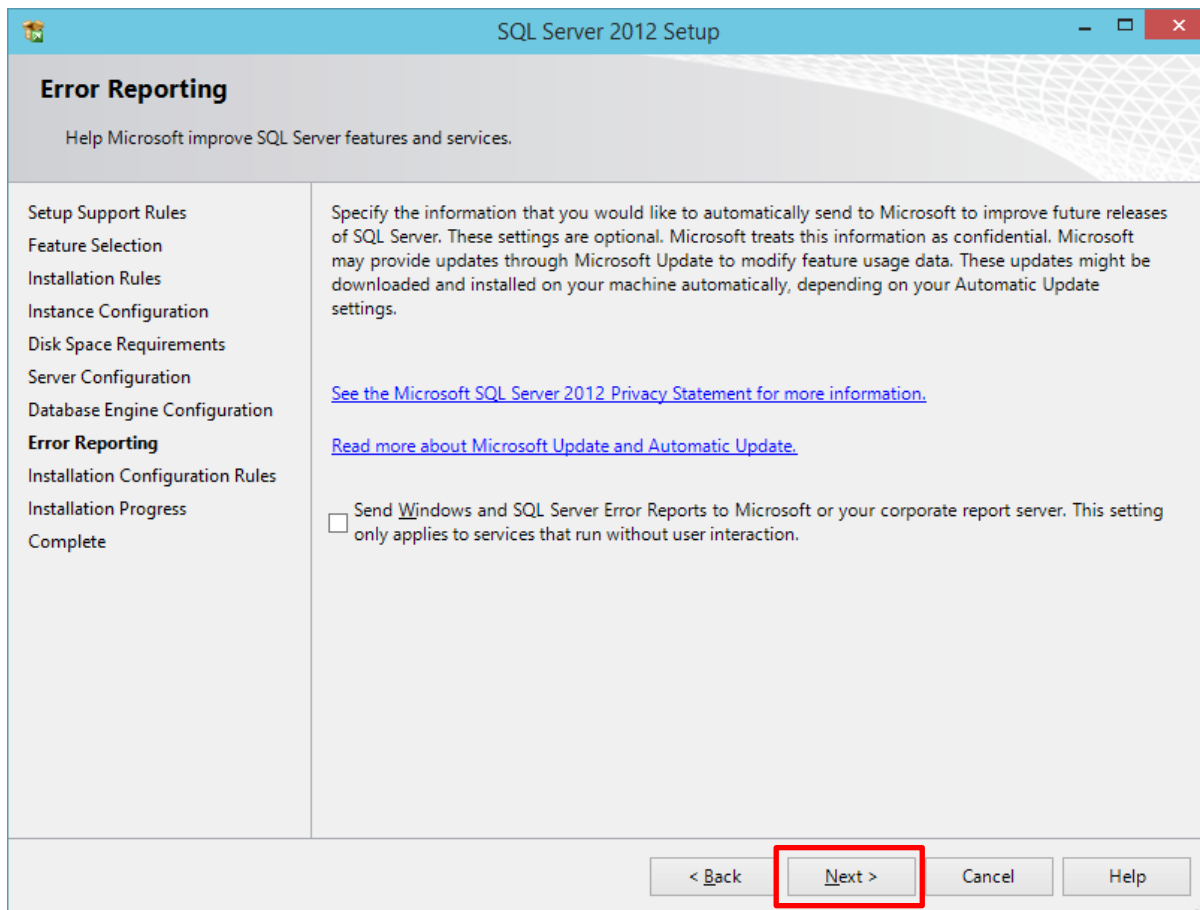Enter password: ••••••••   **framisql**

Confirm password: ••••••••

Specify SQL Server administrators

FRA14V\Framiral (Framiral)

SQL Server administrators have unrestricted access to the Database Engine.

Check if your Account is in the list. If not, click on "Add Current User"

Add Current User   Add...   Remove

< Back   Next >   Cancel   Help

Error Reporting

Help Microsoft improve SQL Server features and services.

Setup Support Rules	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.
Feature Selection	
Installation Rules	
Instance Configuration	
Disk Space Requirements	
Server Configuration	
Database Engine Configuration	
Error Reporting	See the Microsoft SQL Server 2012 Privacy Statement for more information.
Installation Configuration Rules	
Installation Progress	Read more about Microsoft Update and Automatic Update.
Complete	

☐ Send Windows and SQL Server Error Reports to Microsoft or your corporate report server. This setting only applies to services that run without user interaction.

< Back   **Next >**   Cancel   Help

Complete

Your SQL Server 2012 installation completed successfully with product updates.

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

Information about the Setup operation or possible next steps:

Feature	Status
✅ Management Tools - Complete	Succeeded
✅ Client Tools Connectivity	Succeeded
✅ Client Tools SDK	Succeeded
✅ Client Tools Backwards Compatibility	Succeeded
✅ Management Tools - Basic	Succeeded
✅ Database Engine Services	Succeeded

Details:

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

Summary log file has been saved to the following location:

C:\Program Files\Microsoft SQL Server\110\Setup Bootstrap\Log\20141021_135447 \Summary_FRA14V_20141021_135447.txt

Close   Help

Close the « SQL Server Installation Center» window

The installation is over!

Restart your computer.

Start Windows Updates (or Microsoft Update).
Click on « Search for updates ».
You will probably find more updates like « Visual studio » and « Visual C++ ». They all must be installed.
Once installed, restart your computer again, and **update until the update list is empty. Then restart again and, and repeat the process until no updates are found**.
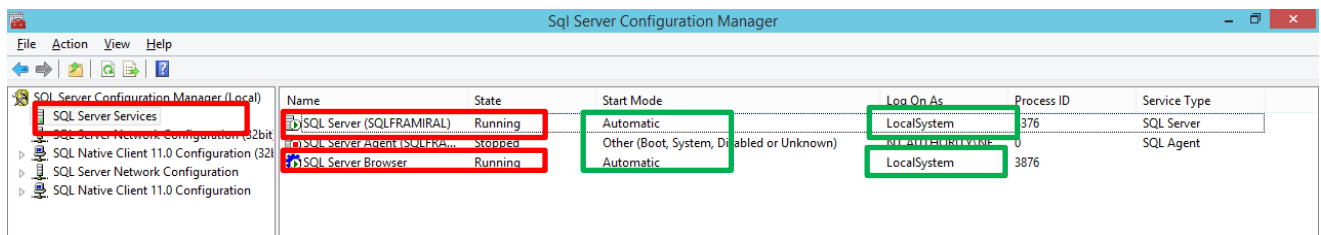
B) SQL Server configuration

1) Start « SQL Server configuration Manager » :

Windows 7: Start → All programs → Microsoft SQL Server 2012 → Configuration tools → SQL Server Configuration Manager

Windows 8: Tile « SQL Server Configuration Manager»
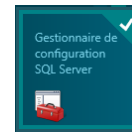
2) Click on « SQL Server Services » on the left

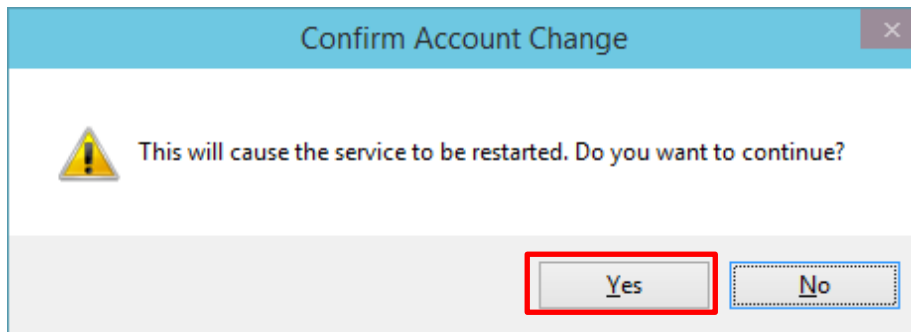3) Double-click on « *SQL Server (FRAMIRAL)* »   (or right-click / Properties)
4) Select « Local System », as shown below, and click OK
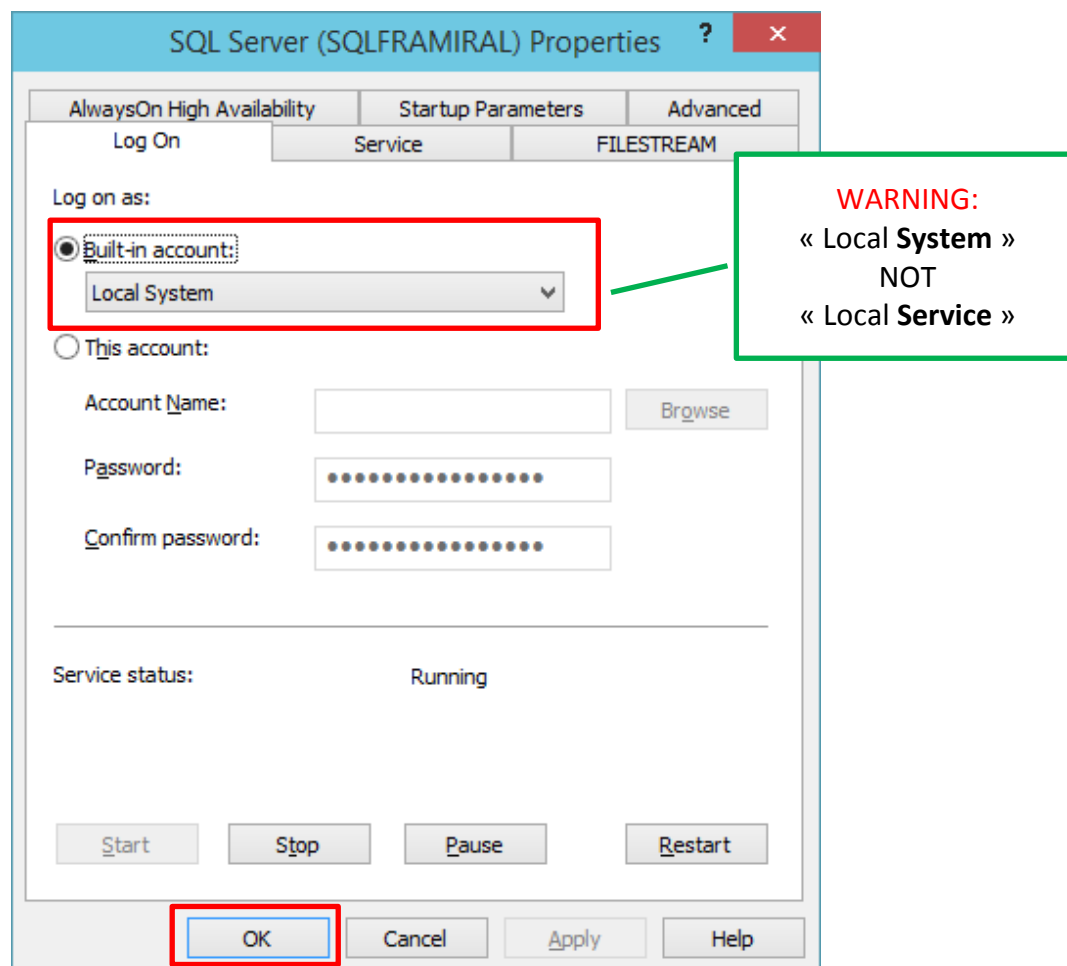
Check in the "Service" tab that the service is set up to start "Automatically".

Restart the service if required

5) Configure « *SQL Server Browser* » the same way.
   (back to step 3, replace « *SQL Server (FRAMIRAL)* » *by*
   « *SQL Server Browser* »)

6) Close the « SQL server configuration manager » window

7) Restart your computer

IV]   Network configuration

On the Server:
You must have reasonable Microsoft Network knowledge, or be assisted by a qualified technician. The following indications can differ depending on your configuration.

A) SQL Protocols Activation

Start the « SQLServer Configuration Manager »
On the left side, section « SQL server network configuration » click on « `Protocols for SQLFRAMIRAL` »
On the right side, via right-click, enable « `Named Pipes` » and « `TCP/IP` ».
Don't forget to restart both services (Section SQL services).

B) Data sharing

The « *FRAMIRALDATA* » folder (« *C:\FRAMIRALDATA* ») has to be shared on every computer under the name: « *FRAMIRALDATA* ».
The creation of this folder and the sharing are already done by the FRAMIGEST Installer, however, depending on your network configuration, the authorization for other computers may not be activated the way you want (NTFS disk authorizations for example).
Fr instance, if every computer on the network is under Windows 7, you can activate the Residential Group, and right-click on the FRAMIRALDATA folder -> Share with -> Residential Group -> Read / Write.
Before starting FramiGest, check if you can access the FRAMIRALDATA folder of each computer, via Windows Explorer, with no password. If not, you have to change your sharing configuration.
It happens often with a network of Windows XP computers, with many account names and passwords.

C) Firewall

Add the following rules to your firewall:
- Authorize SQL Browser
- Authorize SQLFRAMIRAL instance
- Authorize UDP Port 1434
- Authorize TCP Port 1433
- Authorize SQLFRAMIRAL TCP Port

Here is an example on HOW TO DO with a Windows 7 Pro 64bits firewall:

« Control Panel » / « Windows Firewall »
On the left: « Allow a program or feature through Windows Firewall »
If needed click on « Change Settings »,
then « Allow another program… »
Click on « Browse… » and find:
`C:\Program Files (x86)\Microsoft SQL Server\90\Shared\sqlbrowser.exe`
Click open and Add.

Click on « Allow another program… »
Click on « Browse… » and find:
`C:\Program Files\Microsoft SQL Server\MSSQL11.`**`SQLFRAMIRAL`**`\MSSQL\Binn\sqlservr.exe`
Click open and Add then OK.

Click on « Advanced settings », then « Inbound rules », « New rule… »
Select « Port » and click « Next »
Select « UDP » and write « `1434` » in the « Specific Local Ports » section, then click « Next »
Check that « Allow the connection » is selected, and click « Next »

You can deselect some of the applicable network locations if you want to restrain the access, and click « Next ».

Enter « `SQL Port UDP 1434` » as name.

Enter « `Port UDP 1434 for SQL Browser` » as description, and click « Finish ».

Click on « *New Rule…* ».

Select « *Port* » and click « Next »

Select « *TCP* » and write « *1433* » in the « Specific Local *Ports* » section, then click « *Next* »

Check that « Allow the connection » is selected, and click « Next »

You can deselect some of the applicable network locations if you want to restrain the access, and click « Next »

Enter « *SQL Port TCP 1433* » as name

Enter « `Port TCP 1433 for SQL Server` » as description and click « *Finish* »

Keep this window opened and start the SQL Server Configuration Manager.

On the left, « *SQL Server Network Configuration* » « *Protocols for SQLFRAMIRAL* ».

On the right, right-click on « *TCP/IP* » and click « *Properties* ». Tab « IP *Addresses* », scroll down to the « *IP All* » section. Read and remember the « TCP Dynamic *Ports* » value (e.g. 50513) (if the value is 0, restart your computer).

Go back to the firewall window and click on « *New Rule…* »

Select « *Port* » and click « *Next* »

Select « *TCP* » write the port number found previously (e.g. 50513) in the « Specific Local *Ports* » section, then click « *Next* »

Check that « Allow the connection » is selected, and click « Next »

You can deselect some of the applicable network locations if you want to restrain the access, and click « Next »

Enter « *SQL FRAMIRAL Port TCP* » as name.

Enter « *Port TCP for SQL FRAMIRAL Instance* » as description and click « *Finish* »

V]   FramiGest

Click on the « setup.exe » file, and follow the installation instructions (click on "Next" as many times as needed).

First start:

Start FramiGest with the desktop icon.
Click OK on the welcoming window.
Click OK on the License key window, you have 15 days for trial, you can ask for your license key later.
The next window "Loading" may take a few minutes.
The practitioner window will then appear. The practitioner list should be empty, you can start using FramiGest!

Starting FramiGest for the first time with another Windows Account:

Warning, if you are using multiple Windows accounts with FramiGest, each account will have its own settings (the welcoming window will appear for every account first time).

You can now use the FRAMIGEST User Manual.