

# HOW TO INSTALL PHORESIS 6.51, 8.50/8.51 & 8.60 WITH THE NEW SERVER/CLIENT SQL DATABASE?

**New Capillarys 2/Capillarys 2 Flex Piercing software revisions  
&  
Minicap/Minicap Flex Piercing since the version 8.60 only!**

## SERVER & PHORESIS INSTALLATION IN LOCAL HOST MODE

**(Rel. 6.51 - July 21, 2011; Rel. 8.50 - July 18, 2011; Rel. 8.51 - February 8, 2012  
& Rel. 8.60 - July 19, 2012)**

### 1. MINIMUM PC REQUIREMENTS

A standard PC can be used as a server when it's a single PC installation (1 PC connected to instrument: Capillarys 2, Capillarys 2 Flex Piercing, Minicap, Minicap Flex Piercing, Hydrasys 2 Scan, Gelscan or an Epson Flat bed scanner)

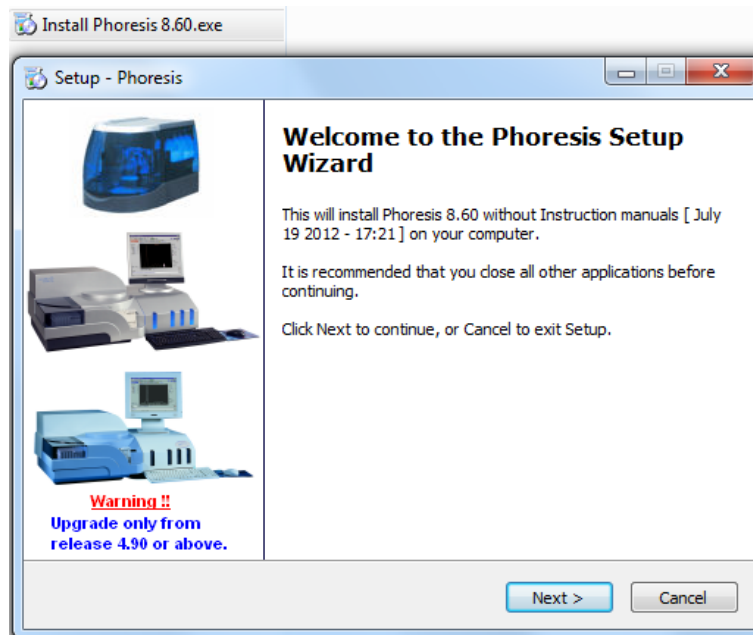
- Windows® XP Pro SP3 or Windows 7 Pro (not Vista®) **32 bits** (not 64 bits)
- a powerful PC with a fast processor (i.e Intel® Core I5)
- a fast hard drive (minimum 7500 rpm) or SSD (Solid State Drive)
- 4 GB of RAM
- 1 or 2 COM ports if PC connected to LIS (with true COM ports and not USB to Serial COM port adapter)
- Monitor 17" (4/3 format still recommended instead of a wide model 16/9 or 16/10 to respect the good proportions of the curves)

Recommandations for multiple client configuration:

- Dedicated server with a fast/powerful processor
- RAID disks for backup
- A fast network (1GB/sec, not 100 MB/sec)

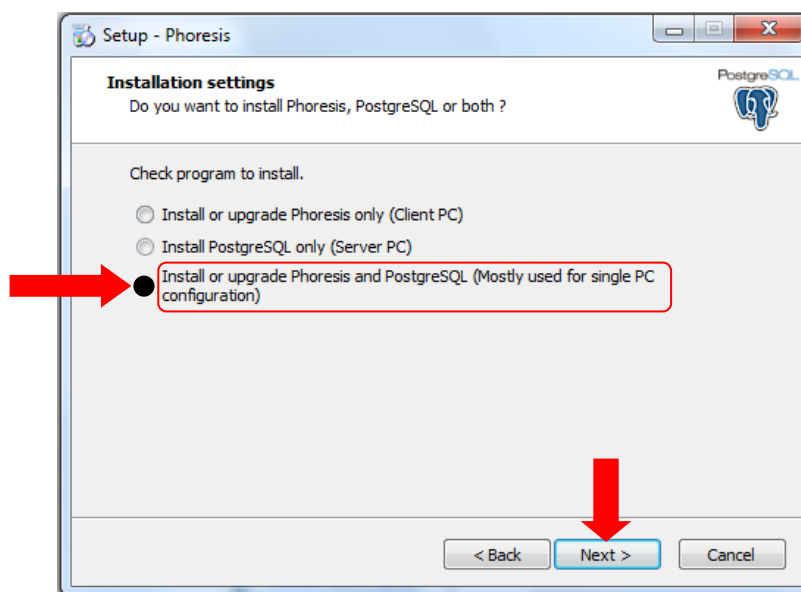
### 2. SOFTWARE INSTALLATION

Launch the "**Install Phoresis.exe**" program (version 6.51, 8.50/8.51 or 8.60)



Same dialogue window as the former software revisions (same installation file for a brand new Phoresis installation or a software upgrade from the release 4.90 or above)

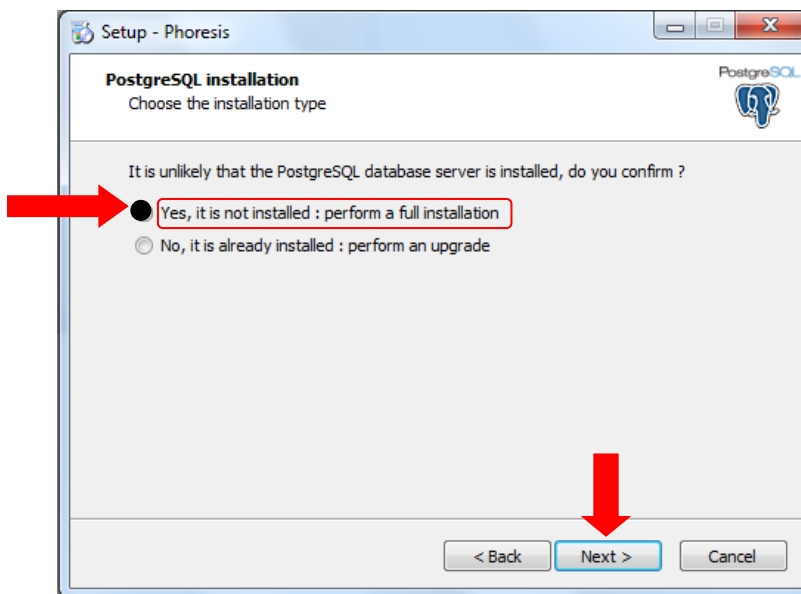
Click on **Next**



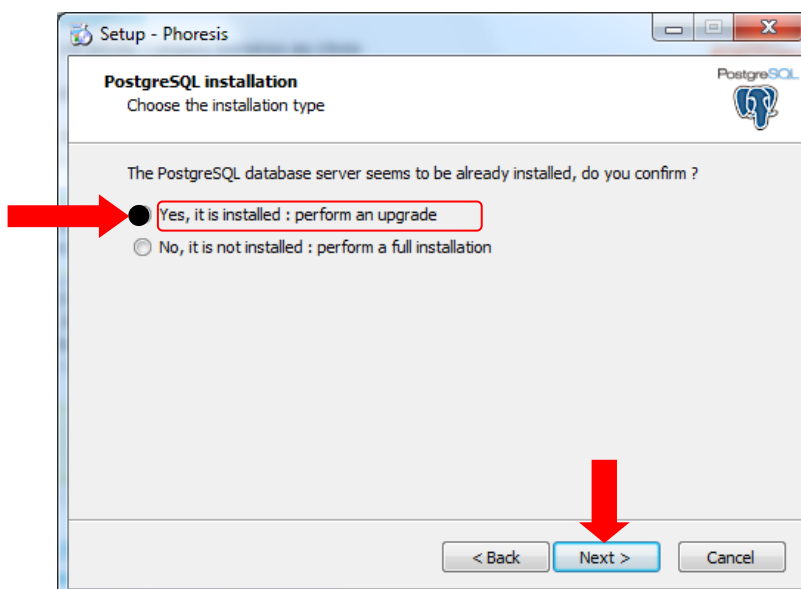
New dialogue window since the version 6.51 & 8.50 with 3 options

- Install or upgrade Phoresis only when it's a Client PC → Client PC only without database connected to the network to make a search, edit, review, print... the curves and/or connected to a Capillars 2 in case of a multiple instruments configuration
- Install PostgreSQL only when it's a database Server PC → Server PC only not connected to a Capillars 2
- Install or upgrade Phoresis and PostgreSQL when it's a single PC configuration → **this case is the most common with only 1 PC connected to a Capillars 2 or Minicap (the same PC being Server & Client)**

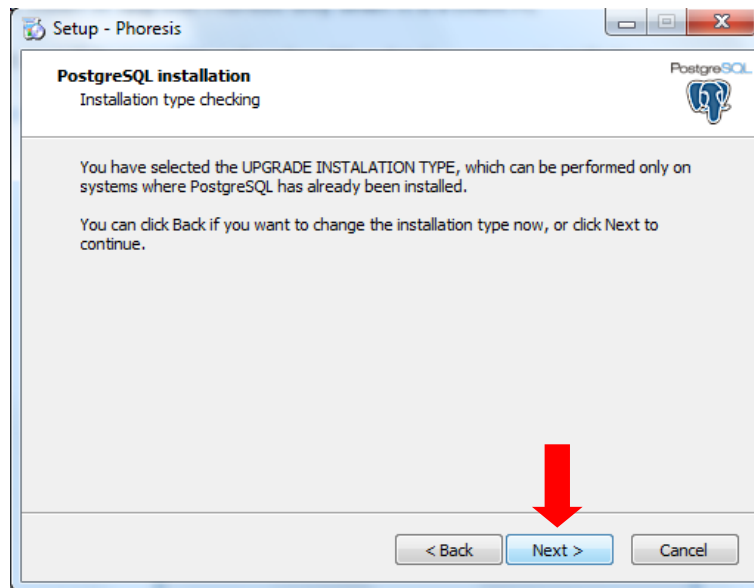
Click on **Next**



- If PostgreSQL database server has never been installed (automatic detection), you should select **Yes, it's not installed, perform a full installation** and click on **Next**
- If PostgreSQL database server has been installed, select **No, it's already installed : perform an upgrade** and click on **Next**

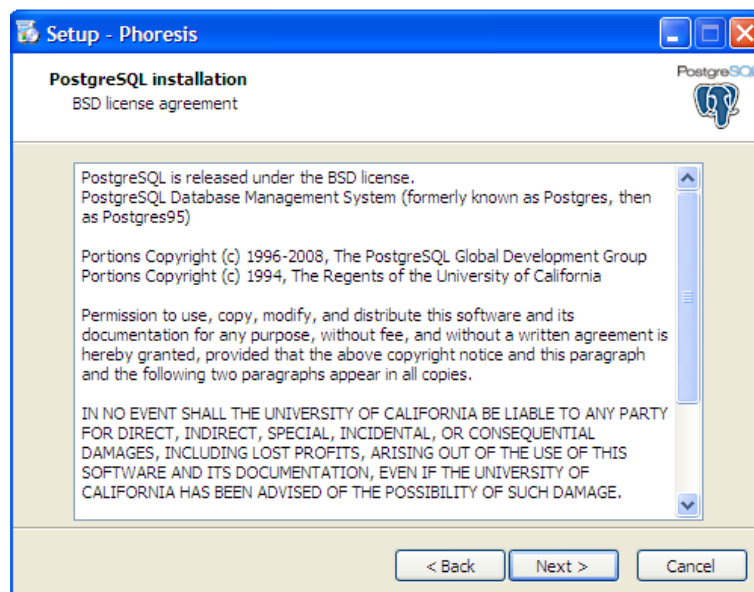


- If PostgreSQL has already been installed for another application on the PC for instance (automatic detection), you should select **Yes, it's installed : perform an upgrade** and click on **Next**



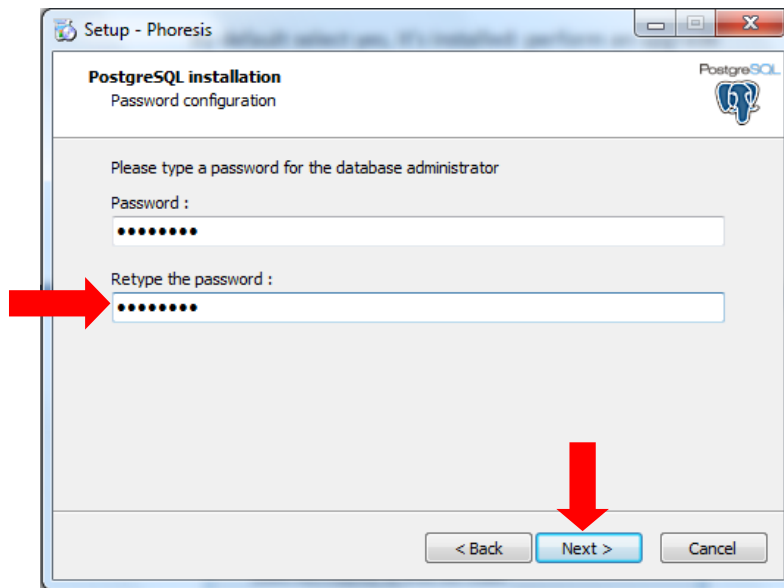
Dialogue window to confirm the installation/upgrade of PostgreSQL or go back to the previous screen

Click on **Next**



Dialogue window to agree the installation of PostgreSQL on the PC (Open Source relational database: installation without fee - BSD license)

Click on **Next**



Dialogue window to confirm the **default** PostgreSQL password by retyping the same password (**46448630** by default up to the version 8.51 or **46448630Sebia!** since the version 8.60) or enter a new one

Please note: when a PC is connected to a domain, the password must meet the complexity requirements of the domain and usually meet the following basic minimum requirements when they are changed or created:

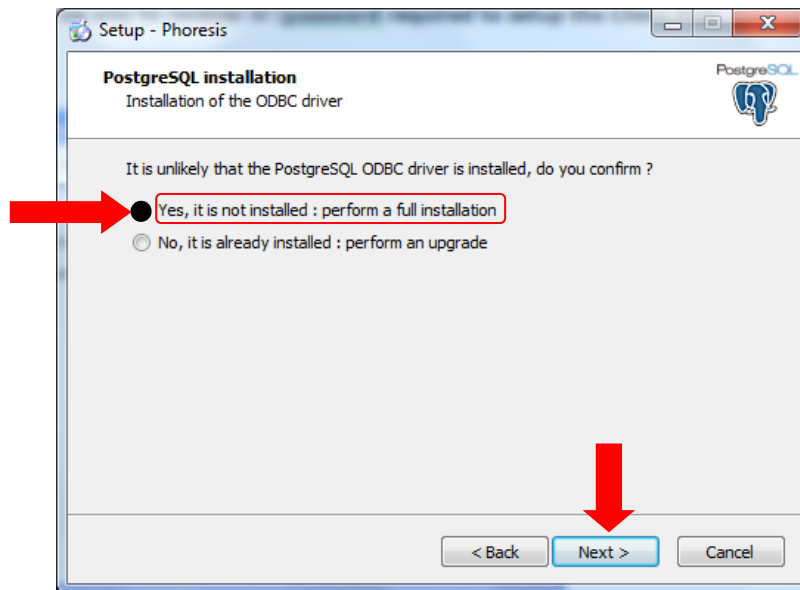
- Passwords must not contain the user's entire Account Name value or entire displayName (Full Name) value. Both checks are not case sensitive!
- Have a minimum length of 6 characters,
- Password must contain characters from three of the following four categories:
- Uppercase English characters (A through Z)
- Lowercase English characters (a through z)
- Base 10 digits (0 through 9)
- Nonalphanumeric characters (~!@#\$%^&\* -+=`|\\(){}[];:'"<>.,?/)

➔ The new default password **46448630Sebia!** since the version 8.60 is meeting those basic requirements!

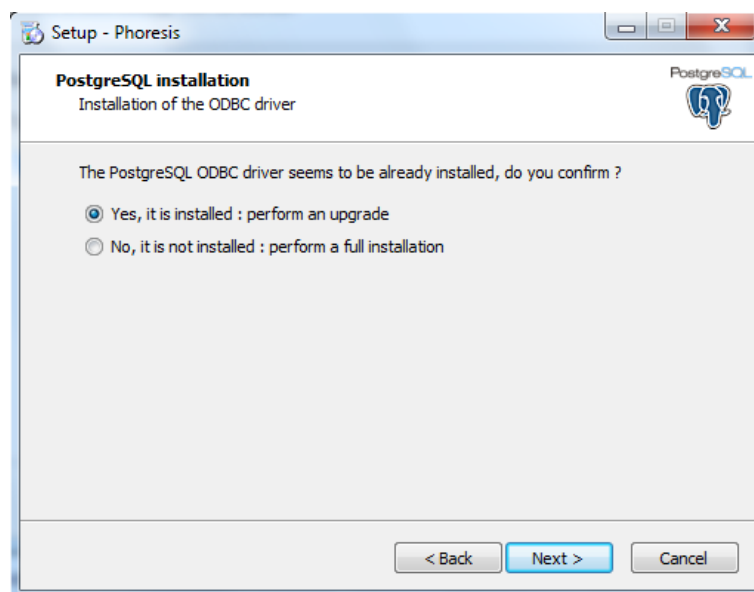
Note: when making a software update, you can use the initial PostgreSQL password **46448630** or use the new one **46448630Sebia!**

**Warning: if the password is lost for any reason, there is no way to recover it! (this password being required to setup the Client PCs)**

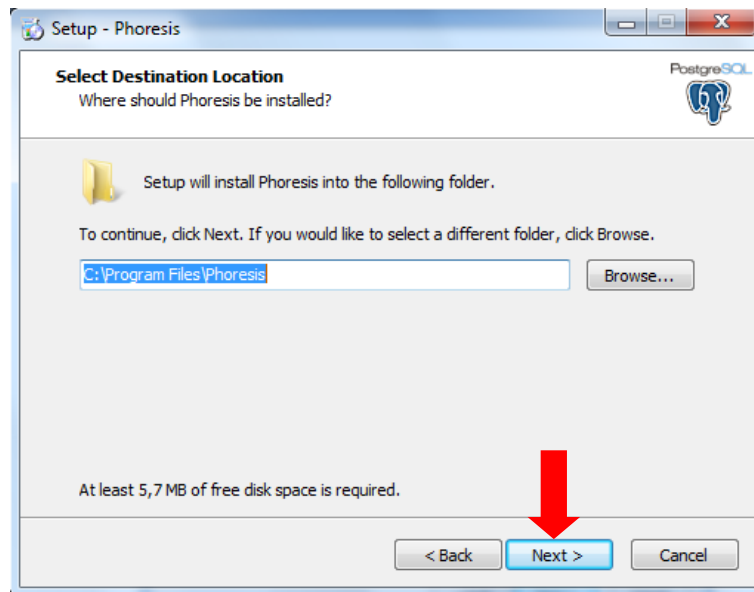
Click on **Next**



- If the installation doesn't detect the presence of PostgreSQL ODBC driver (Open Data Base Connectivity driver → software interface between PostgreSQL and Phoresis), you should select **Yes, it's not installed: perform a full installation** and click on **Next**.

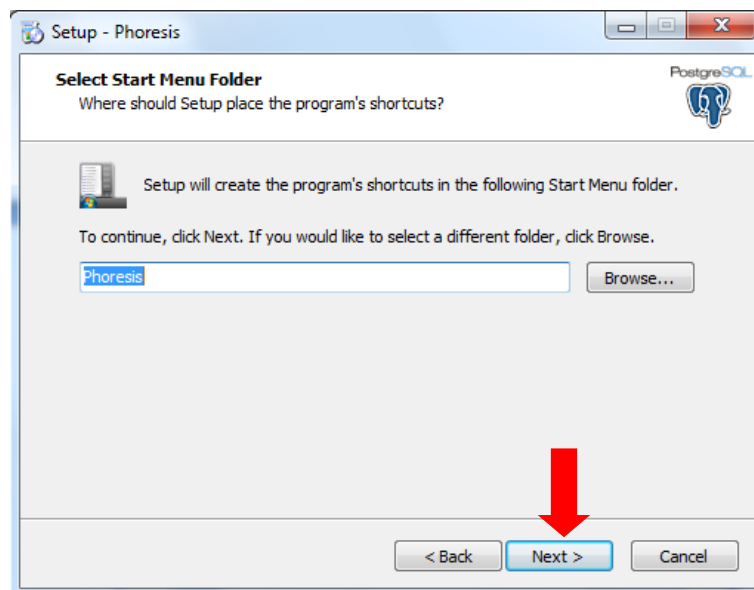


- If the installation detects the presence of PostgreSQL ODBC driver, you should select **Yes, it is installed : perform an upgrade** and click on **Next**.



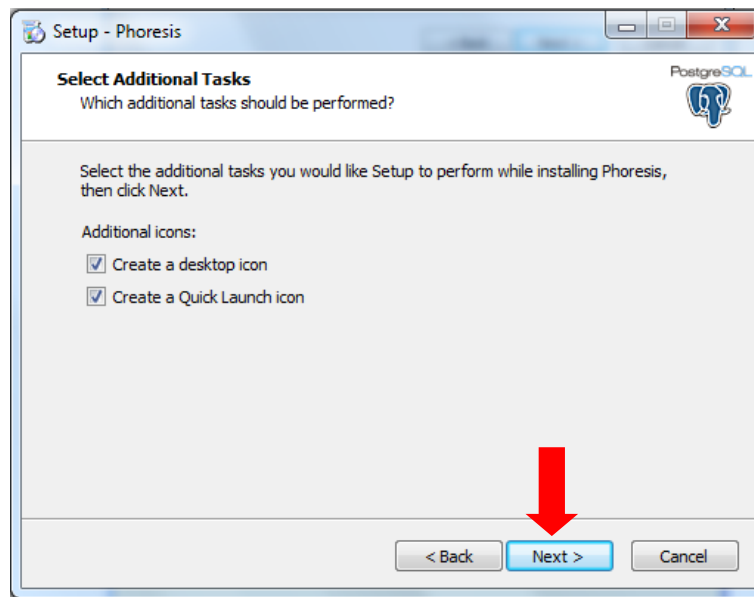
Same dialogue window as on the former software revisions (Phoresis being installed by default into C:\Program files\Phoresis)

Click on **Next**



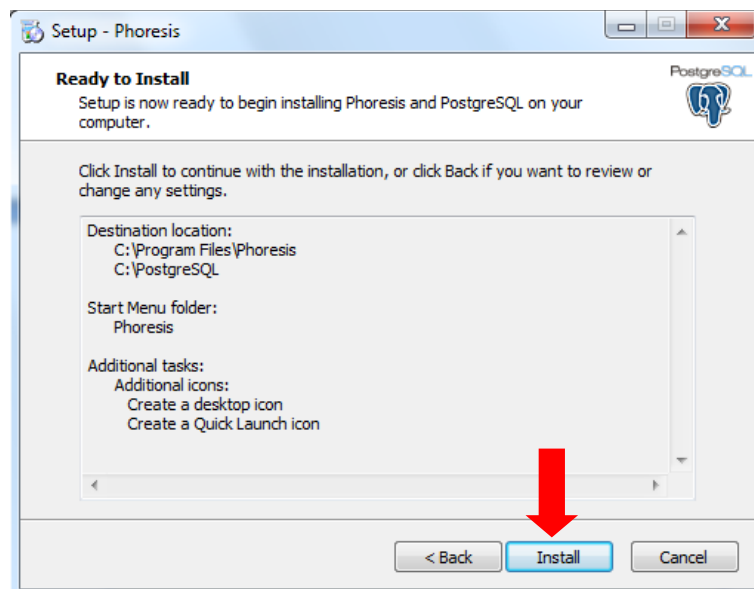
Same dialogue window as the former software revisions

Click on **Next**



Same dialogue window as the former software revisions to create a desktop and/or a quick launch icon(s)

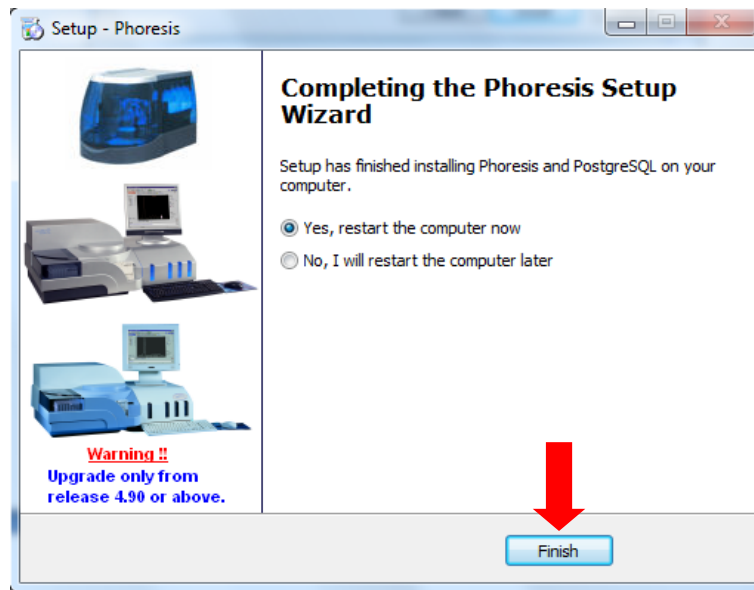
Click on **Next**



Dialogue window to launch the installation of Phoresis and PostgreSQL

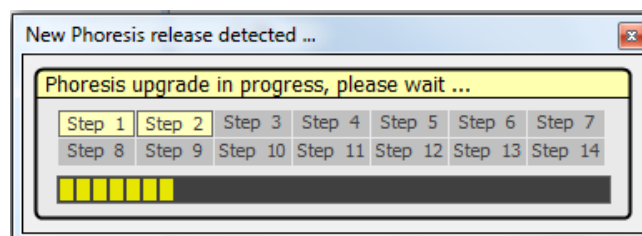
Click on **Install**



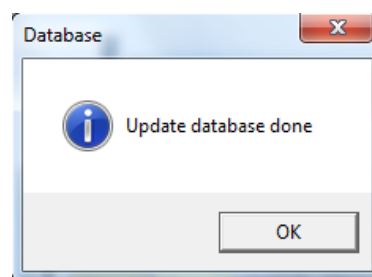


Select **Yes, restart the computer now** and click on **Finish**

When the PC will has been restarted, launch Phoresis software by clicking on the Phoresis shortcut icon on the desktop



This process can take few minutes



Click on **OK**



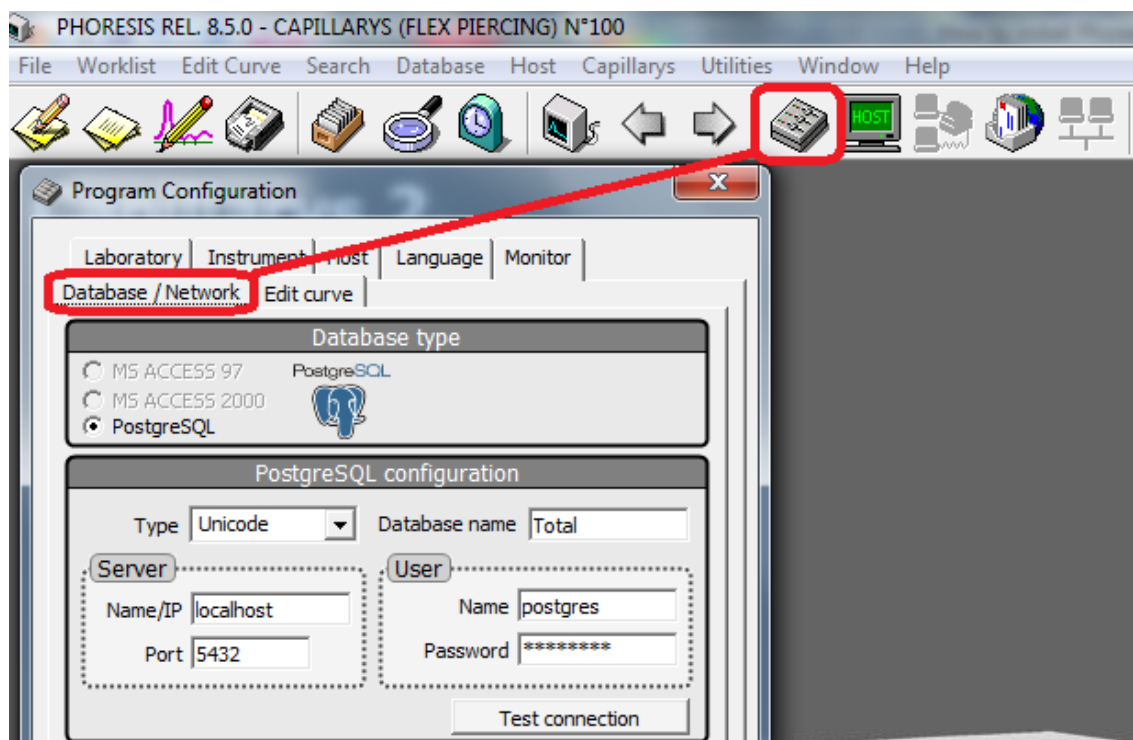
Enter the service password **46448630**, click on the double arrow icon (<< ) to select the right instrument: CapillaryS 2 or CapillaryS 2 Flex Piercing (selected by default)

**Warning: the versions 6.51 & 8.50/8.51 are not compatible with Minicap!**

The 1<sup>st</sup> version compatible with Minicap/Minicap Flex piercing being the version 8.60.

Regarding CapillaryS 1, please contact Sebia service department to see if compatible with current hardware on the system

### New setting window (from Files\Program configuration\Database/Network)



### PostgreSQL configuration

### setting

Type → **Unicode**,

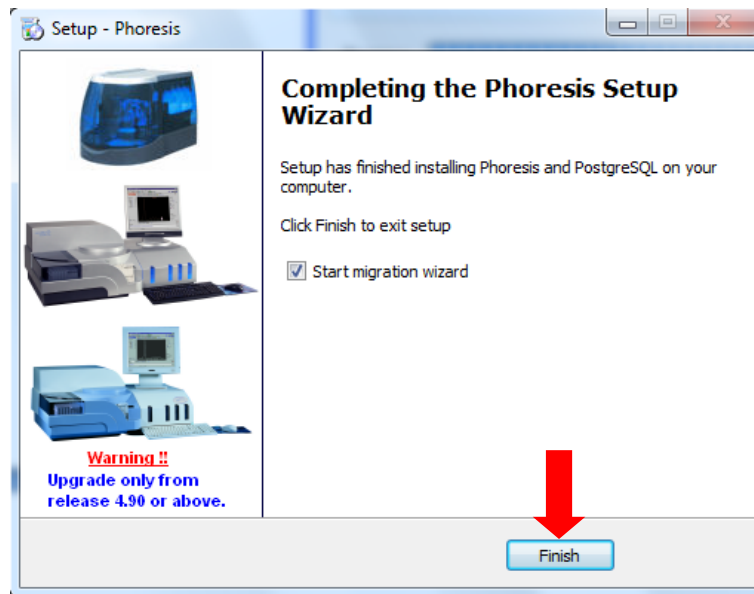
Database name → **Total**,

User Name → **Postgres**,

User Password → the one entered previously during the installation (**46448630** by default up to the version 8.51 or **46448630Sebia!** since the version 8.60),

Server Port → **5432** (by default with Postgres)

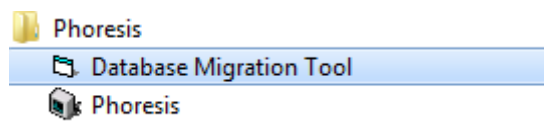
Server Name/IP: name of the PC on the network or IP address. **localhost** in case of a single PC installation (the same PC being Client and Server at the same time).

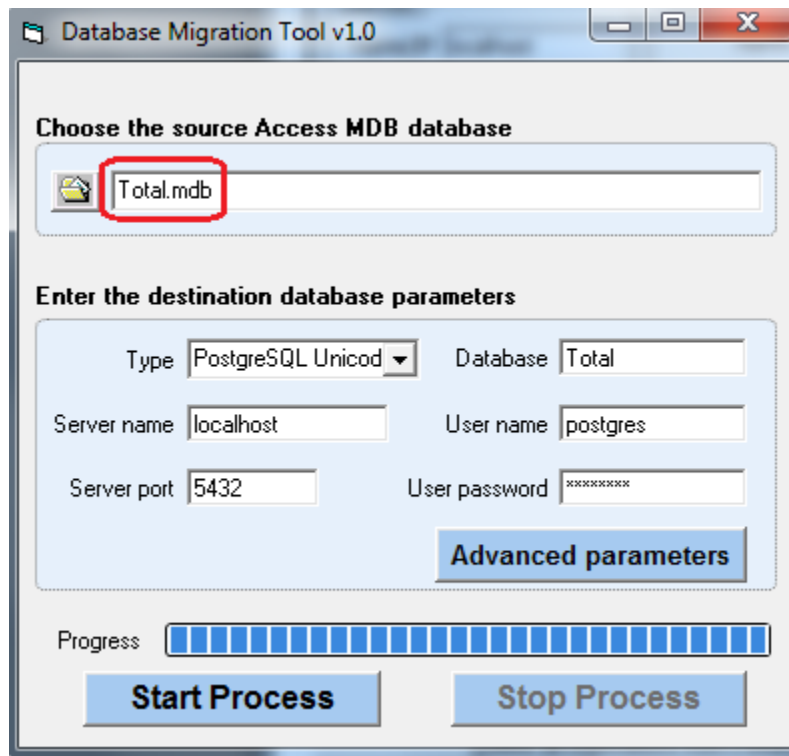


Dialogue window to launch the automatic database migration program when upgrading a system only with a former Access database (i.e Phoresis version 6.12), tick the box **Start migration wizard** and and click on **Finish**

**Warning: this database migration can take 1 hour or even more depending of the PC performances and the former Access database size (Total.mdb file)**

Note that this automatic database migration from an Access database to PostgreSQL can be done later one by selecting successively from Windows → **Start\All programs\Phoresis\Database migration Tool**





Use the browse button to select the location of the **Total.mdb** file (former Access database containing all the sample data)

### 3. WHAT'S NEW ON THE VERSION 6.50 (September 2010)?

- Implementation of the same capabilities as on Minicap software version 7.42 except the Modem and former Network remote capabilities (greyed icons)
- +
- New SQL Client/Server database instead of the Access database

**Note:** the “Advanced database backup” and restore capabilities are unchanged to keep the possibility to exchange some database files as before (Access mdb file)!

### 4. WHAT'S NEW ON THE VERSION 6.51 & 8.50 (July 2011)?

- New software installation/upgrade options:
  - Install or upgrade Phoresis only when it's a Client
  - Install PostgreSQL only when it's a database Server
  - Install or upgrade Phoresis and PostgreSQL when it's a single PC configuration
- Suppression of the Capillary's daily log file **crypting** to optimize the PC performances and resources,
- Optimization of the «analyse.xml» backup on the instrument PC (file used to save temporarily the curve data in case of server problem),
- New Host software revision 5.45,
- The cord blood technique is now visible,

- Optimization of the database migration from Access to PostgreSQL (especially the IT/IF link in case of conflict),
- Daily Log file not visible with Windows 7,
- Right ODs on the IT techniques (they were curiously divided by 2 on the version 6.50 !),
- Impossibility to create a link with the IF/CSF/Urine images on Microsoft Windows with UK or another English speaking country set in the regional setting,
- Intermittent launch of Phoresis with the Minicap background instead of Capillarys on the screen,
- Easier installation on a domain with the PostGreSQL password (password too short or too simple issue),
- Backup is now possible with Windows 7,
- Optimization of the curve mosaic refreshment,
- Optimization of the access time when editing the curves and switching to the next one,
- No more freezing when making a search by criteria.

## 5 WHAT'S NEW ON THE VERSION 8.51 (February 2012)

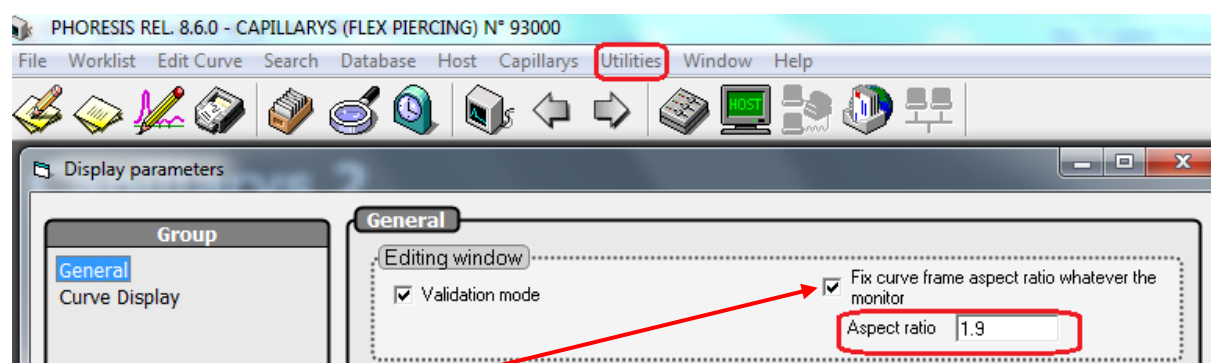
- Refer to the corresponding note,
- Daily automatic backup and old backup files not deleted automatically on the version 6.50, 6.51 & 8.50 is fixed,

## 6 WHAT'S NEW ON THE VERSION 8.60 (July-August 2012)

- Refer to the corresponding note,
- When scanning a gel with Hydrasys 2 Scan/Gelscan, all the temporary files \*.raw and \*.dib into C:\windows\twain32\phoresis2\result are now deleted. It was not the case on the former versions 6.50, 6.51, 8.50 & 8.51 causing a saturation of the hard disk very quickly.

## 7 PHORESIS SETTING WITH A WIDE MONITOR

When using a wide monitor (16/9 or 16/10 instead of a 4/3 format), enter 1.9 instead of 1.43 by default from Utilities\Customer configuration\Display parameters\General



enter 1.9 instead of 1.43 or uncheck this box to adjust automatically the curve size to the monitor

With 1.43, the icons and the comment window underneath the curve won't be visible with such wide monitors.

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