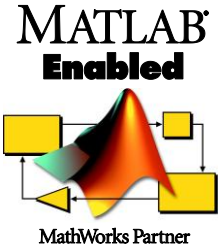
SIDLAB

SIDLAB
Installation Guide



VERSION 2.6

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Release: March 2011, SIDLAB 2.6

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1. BEFORE INSTALLATION

Welcome to SIDLAB 2.6. This manual helps you install your SIDLAB software products and start working with the package. It is strongly recommended to exactly follow these steps before starting the installation.

If any question arises regarding SIDLAB software products—whether concerning installation, licensing, modelling, applications, or other technical questions—do not hesitate to contact us at info@sidlab.se

If you have purchased a SIDLAB license, you should receive by email a serial number in a form similar to: (qwert-sdfgh-poiuy-zxcvb). If you don't have this code, please send an email to info@sidlab.se. **If you are installing a trial version, you don't need any code.**

Check that your system meets the following requirements before installing SIDLAB

- Windows 2000, Windows XP, Windows Vista, or Windows 7.
- 32bit or 64bit platforms.
- Pentium III or later
- At least 100 MB of free space during installation.
- Adobe Acrobat Reader 8 or later to view and print the SIDLAB documentation in PDF format.

SIDLAB comes in two versions, MATLAB, or Executable. The software requirement for each version is:

- MATLAB version: For SIDLAB Simulation and SIDLAB Measurement, you need MATLAB 7.11 or later installed on your computer. For SIDLAB Flow, you also need the Optimization Toolbox. For more information about MATLAB and its toolboxes , see www.mathworks.com
- Executable version: You need the same requirement as for the MATLAB version. If you don't have MATLAB installed, you can install MATLAB Component Runtime Engine version 7.14 in release R2010b. You can download it from www.sidlab.se/MCRInstaller_2010b.exe

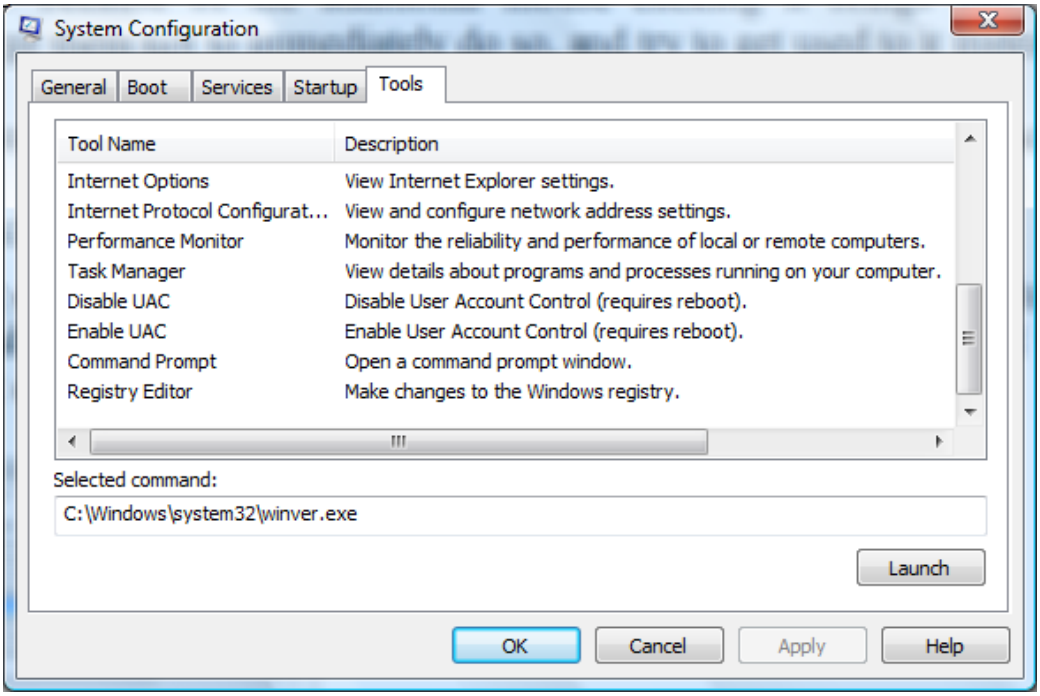
For MATLAB users, **locate the directory of your MATLAB software**. This information will be used later during installation.

Make sure that the Decimal Symbol of your Windows is set to (dot) not (comma). This can be changed from the Regional Settings in the Control Panel. The SIDLAB Installer makes a check for this, and warns you to change it yourself.

If you are using Windows Vista, you need to turn off the User Account Control (UAC) feature on your Windows Vista. Windows Vista has the built-in ability to automatically reduce the potential of security breeches in the system. It does that by automatically enabling a feature called User Account Control (or UAC for short). The UAC forces users that are part of the local administrators group to run like they were regular users with no administrative privileges. You can read more about UAC at: http://www.petri.co.il/what's_uac_in_windows_vista.htm

You can disable UAC by the following method:

1. Launch MSCONFIG from the Run menu.
2. Click on the Tools tab. Scroll down till you find "Disable UAC". Click on that line.



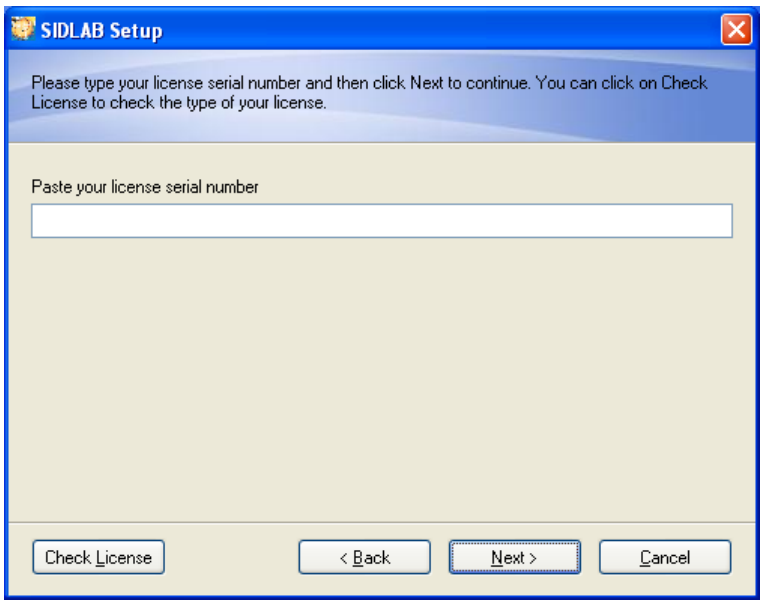
3. Press the Launch button.
4. A CMD window will open. When the command is done, you can close the window.
5. Close MSCONFIG. You need to reboot the computer for changes to apply.

Note that you can re-enable UAC by selecting the "Enable UAC" line and then clicking on the Launch button.

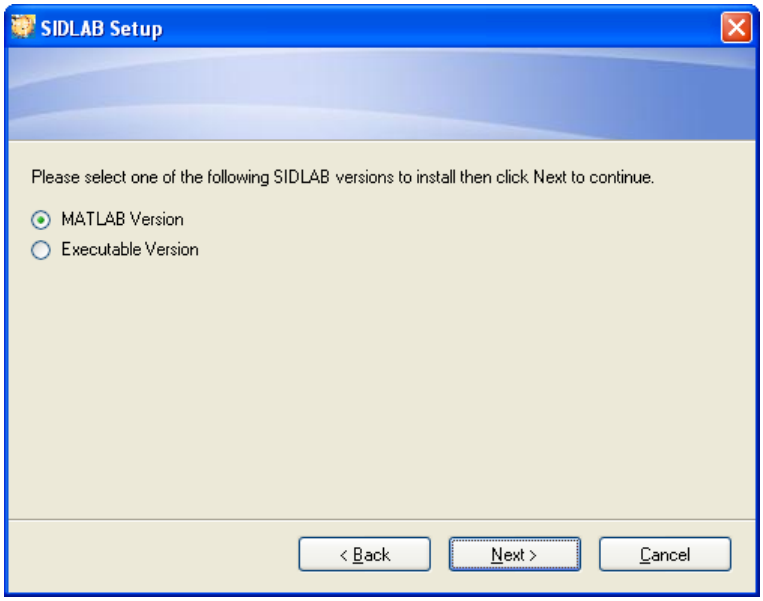
2. INSTALLING SIDLAB

1. Insert the SIDLAB CD into the CD-ROM drive. The SIDLAB Setup window should appear automatically; if not, run the file SIDLAB2.exe on the installation CD, the first screen is the Welcome screen. It is strongly recommended that you close all other Windows programs before continuing with this installation. If you have any other programs running, please click Cancel, close the programs, and run this setup again.

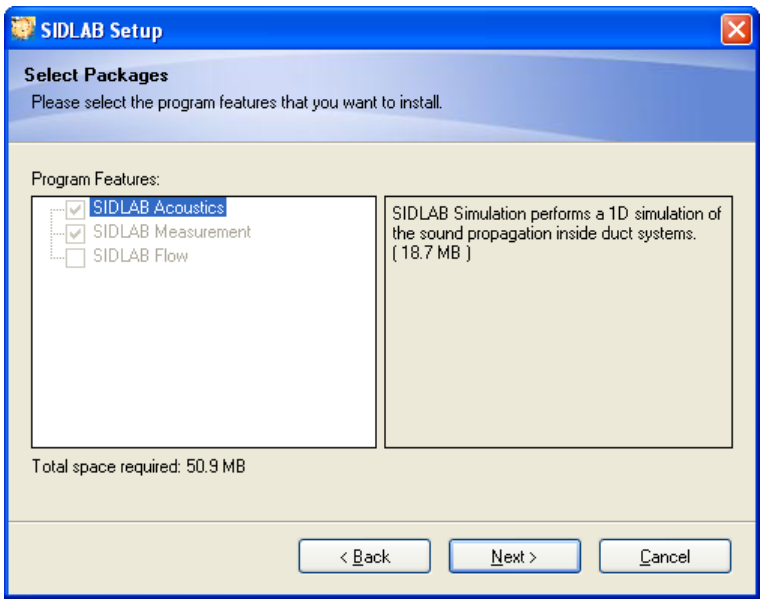
2. Enter your license serial number. The serial number is a series of characters and numbers that has a form similar to (qwert-sdfgh-poiuy-zxcvb). Note that the serial number is case sensitive. After you type in your serial number, you can check the license and products you are entitled to. If you believe that you should get more products than you have, send an email to info@sidlab.se explaining the situation.



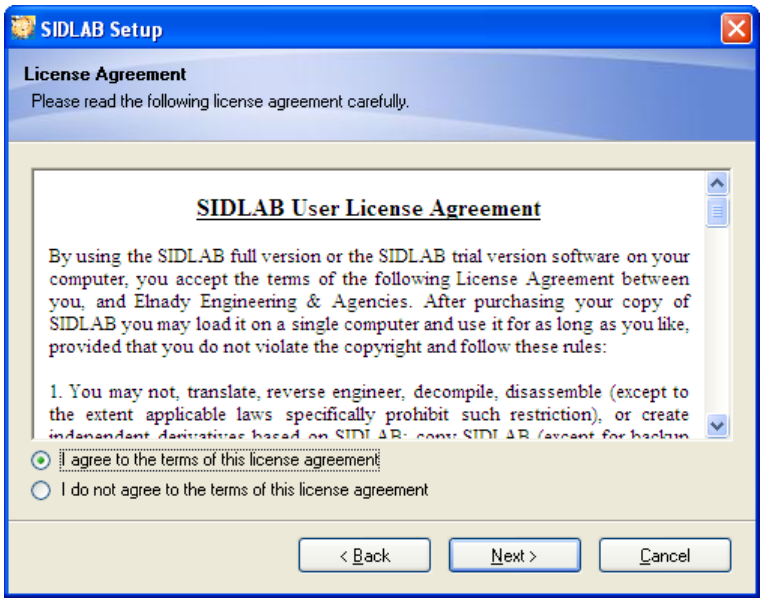
3. Select the SIDLAB version you want to install. Two options are available: MATLAB version, or Executable version. For the system requirements for each version, see section 1 in this manual. If you are installing a trial license, the Executable version is your only choice.



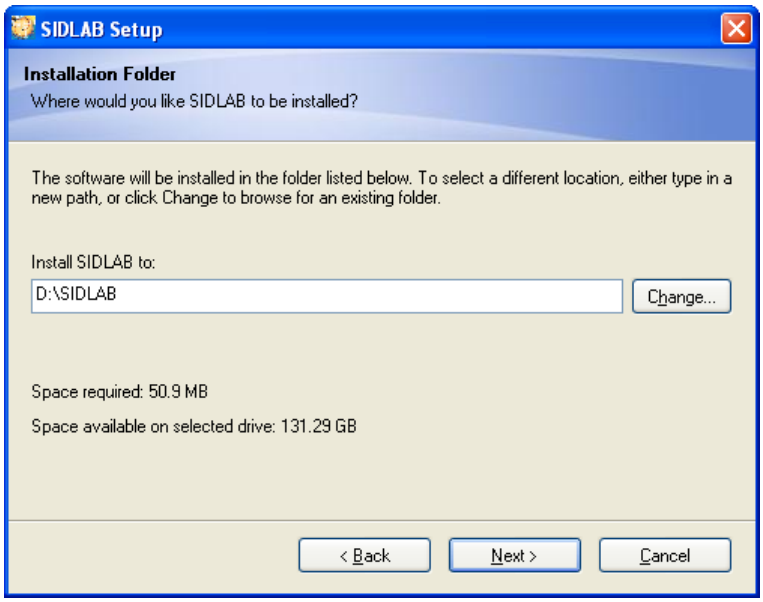
4. Select the SIDLAB products you want to install on your computer. The products are enabled/disabled depending on the license you have purchased. For a trial license, all products will be installed. For a SIDLAB Complete license, all products will also be installed.



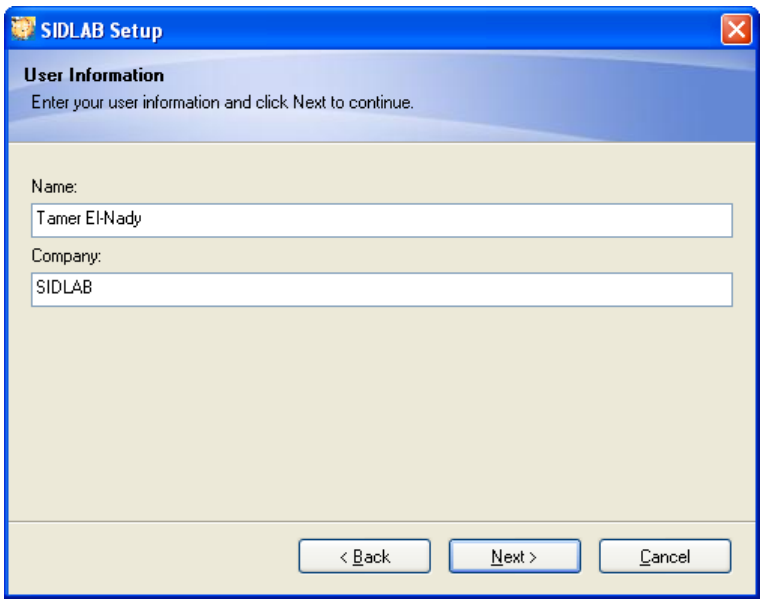
5. Once you have read the license agreement, choose **I agree to the terms of the license agreement**, and then click Next. If you don't agree or have any comments, click Cancel and send an email to info@sidlab.se



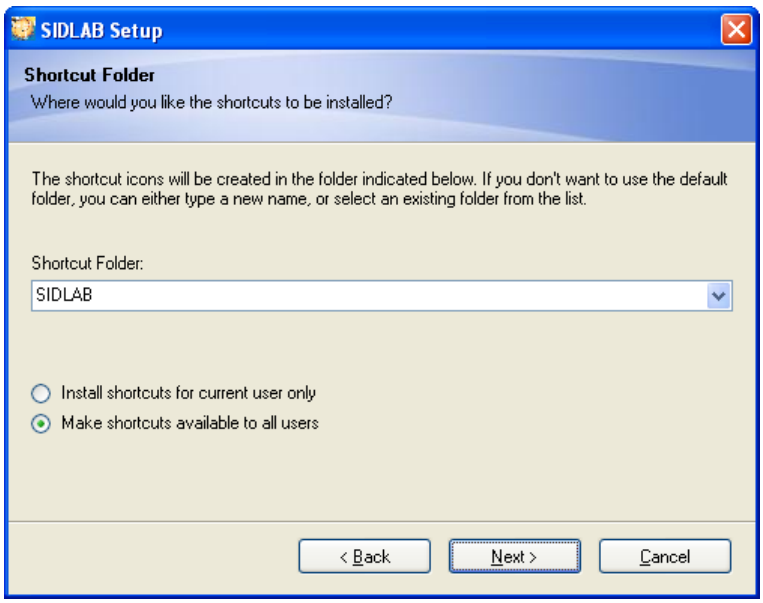
6. Specify the path to the SIDLAB installation directory on your hard disk, and then click Next.



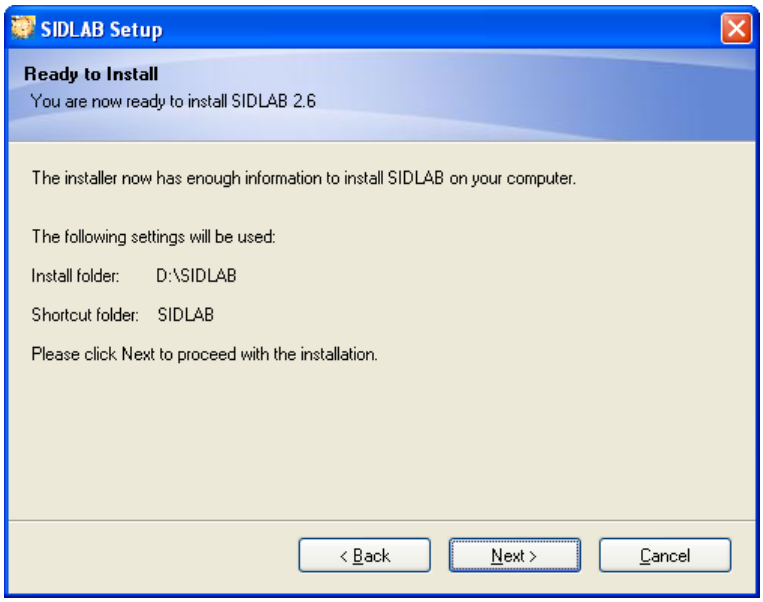
7. Enter your user information, and then click Next.



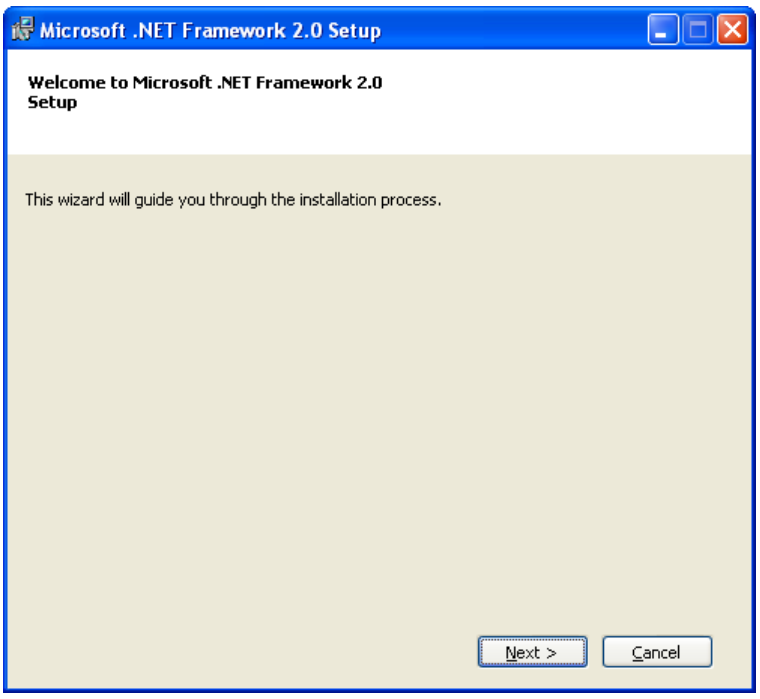
8. Specify the shortcut folder in the Start menu, and whether you want to make these shortcuts available to the current user only or all users, and then click Next.



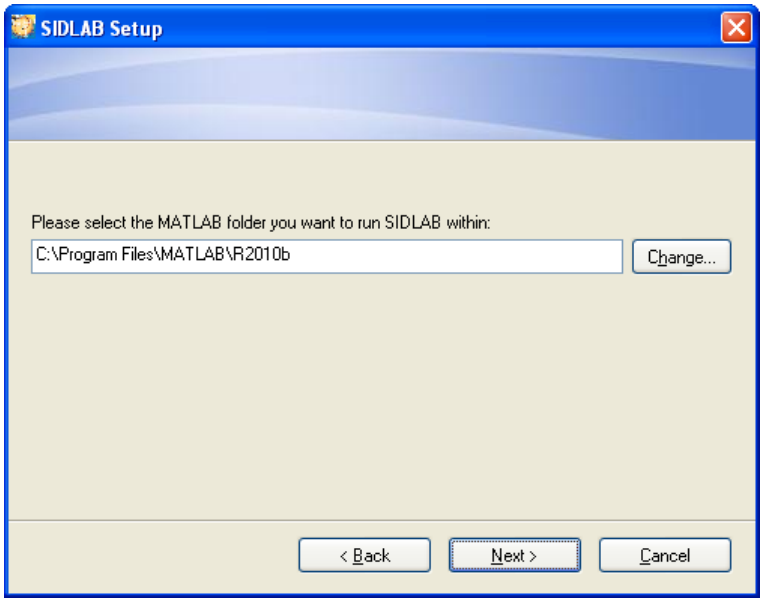
9. Now you are ready to install SIDLAB, if the data is ok click next, otherwise click back and modify it.



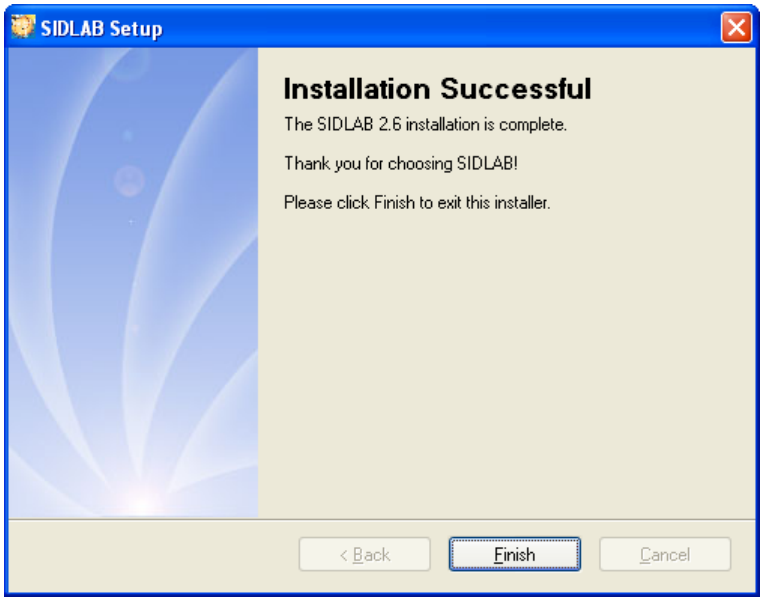
10. The Graphical User Interface where you generate the network is programmed with C. In order for this GUI to run properly, it requires Microsoft .Net Framework version 2.0. The installer wizard will search your Windows registry to find out if it is installed or not. If it is, it does nothing and moves to the next step. If it is not, then the installation wizard for version 2.0 will start. Just follow the instructions for installation. You SHOULD NOT cancel this step. You SHOULD NOT restart the computer when you are prompted to. Nevertheless, you will need to restart after SIDLAB installation is finished, if you have installed this program. Microsoft .NET Framework is freeware that can be downloaded from Microsoft website.



11. If you are installing the MATLAB version, specify the folder where your current and latest MATLAB version is installed, then click Next. This MATLAB version will be used to run SIDLAB. Note that only MATLAB 7.11 or later is required. This information is used to add the newly created SIDLAB directories to the MATLAB path in the file pathdef.m located in the toolbox\local directory. It is very important that you point to the active and latest MATLAB version on your hard disk so that the installer can modify the path correctly. If you are not sure about your MATLAB directory, you can do it later manually from the MATLAB Start Menu / Desktop Tools / Path. You can always check this process by opening the pathdef.m file. If you run MATLAB over a server, every time you open MATLAB, it uses the default path on the system. You have to add SIDLAB directories to the path every time you start MATLAB.

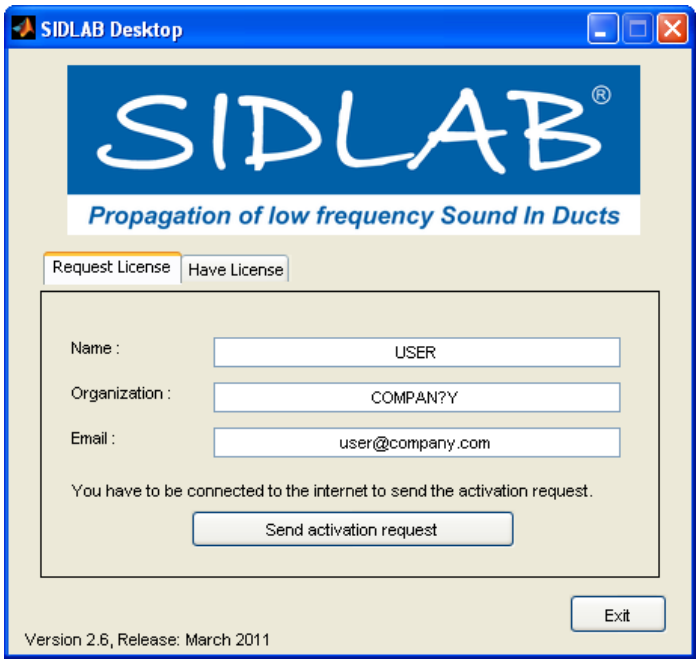


12. Congratulations; you have installed SIDLAB successfully.

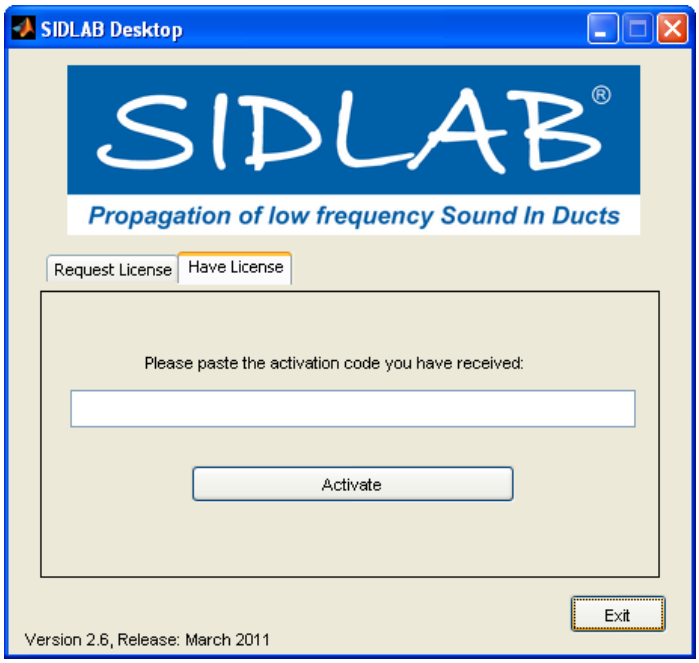


3. AFTER INSTALLATION

SIDLAB has two types of licenses, a trial license and a full license. The trial license is valid for 30 days and full functional except for the saving functions. The trial license can only install the executable version. After installing SIDLAB, and try to open it for the first time, you will get the following screen. You will also get this screen in case the license file is corrupt or expired.



Please enter your name, organization, and email. Double check your email since this is the email to which the license will be sent. Then Press the “Send license request” button. No personal information from your computer will be sent to us. Only the Physical MAC Address will be sent to us with your request. You will get a copy of the email which is sent to us. Once you get the activation code back by email, please enter it in the box in the “Have License” tab



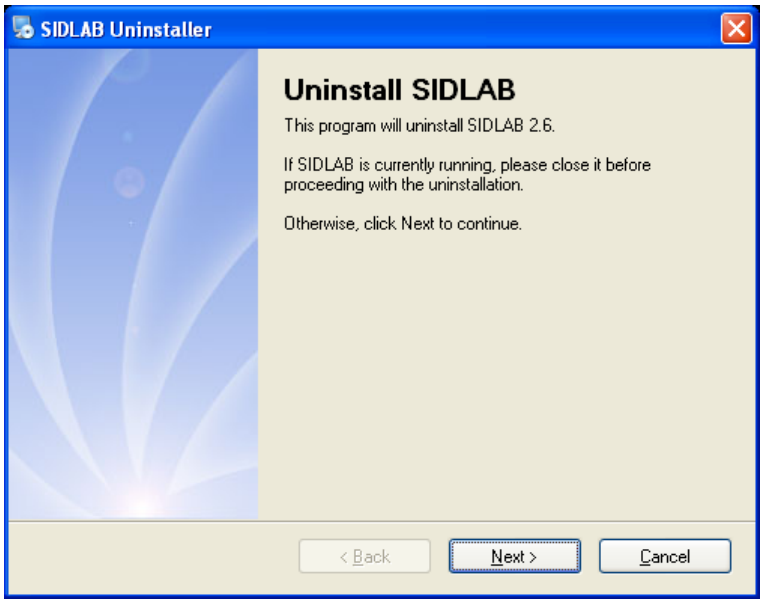
4. UNINSTALL SIDLAB

To remove a SIDLAB installation from your system, use the SIDLAB uninstaller. The uninstaller deletes all SIDLAB files and directories on the system that were installed by the SIDLAB installer. Files and folders created after installation will not be removed. If you have saved any sid projects within the SIDLAB hierarchy, they are not deleted. The layout log files generated during your work will not be deleted as well. You have to delete these files manually. The installer removes the SIDLAB directories form the MATLAB path that you specified when installing. It also removes the SIDLAB menu from the programs menu in the windows start menu.

STARTING THE UNINSTALLER

To start the SIDLAB uninstaller, use either of these methods:

- On the Start menu, point to Programs and then to SIDLAB. Click Uninstall SIDLAB.
- On the Start menu, point to Settings, and then click Control Panel. Double-click Add/Remove Programs. Select SIDLAB from the list.

RUNNING THE UNINSTALLER

Click Uninstall to start removing the installation. Click Finish to quit the installer when the uninstallation is finished.