



Implementing LLEAP to SimMom, ALS, SimNewB and SimJunior

Implementation of LLEAP Instructions



Implementation of LLEAP Instructions

Tick off each step as you complete it.

Equipment

Download the latest User Guide, Important Product Information and Quick Setup Guide from the simulator's homepage on www.laerdal.com.

To complete the implementation of LLEAP you will need:

- Ethernet cable
- PC with LLEAP
- USB to micro USB cable (applicable only if you also use your simulator with SimPad)

Implementation overview

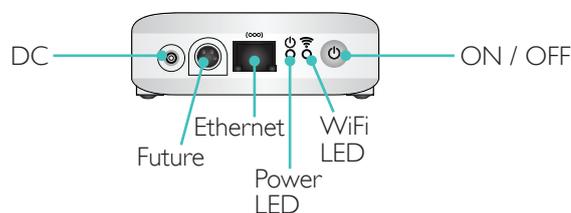
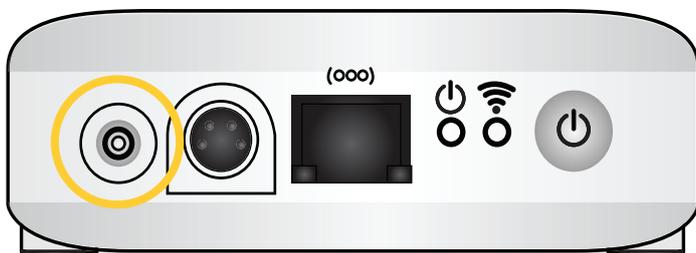
Implementing LLEAP to your Link Box driven simulator can be broken down into two main steps:

1. Update your Link Box software, using your LLEAP PC
2. Update your simulator firmware, using the newly updated Link Box

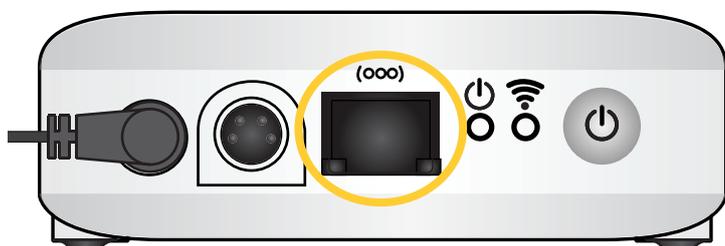
In addition, if you also use your simulator with SimPad, you would have to update SimPad to match the software version of the Link Box.

Link Box Software

1. Disconnect any cables currently connected to Link Box. Then connect Link Box to AC power:



2. Connect the Link Box to your LLEAP PC using an ethernet cable.



3. Power up the Link Box and wait for the steady green lights.



Implementation of LLEAP Instructions

4. From your LLEAP PC, start Laerdal Simulation Home.

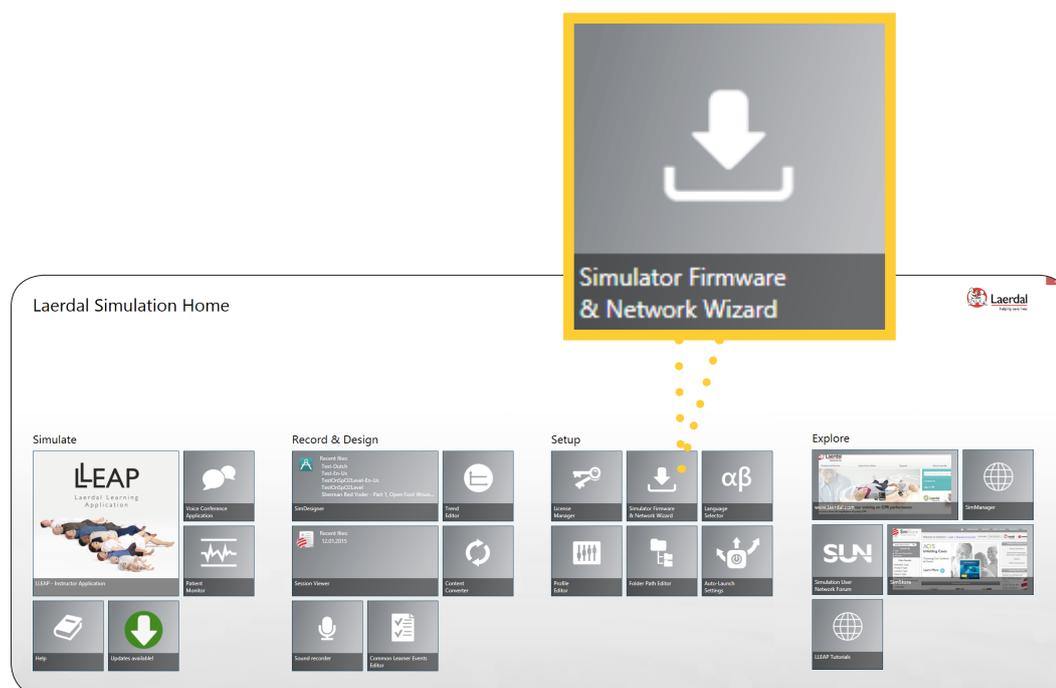
Start button > All programs > Laerdal Medical > Laerdal Simulation Home



Note

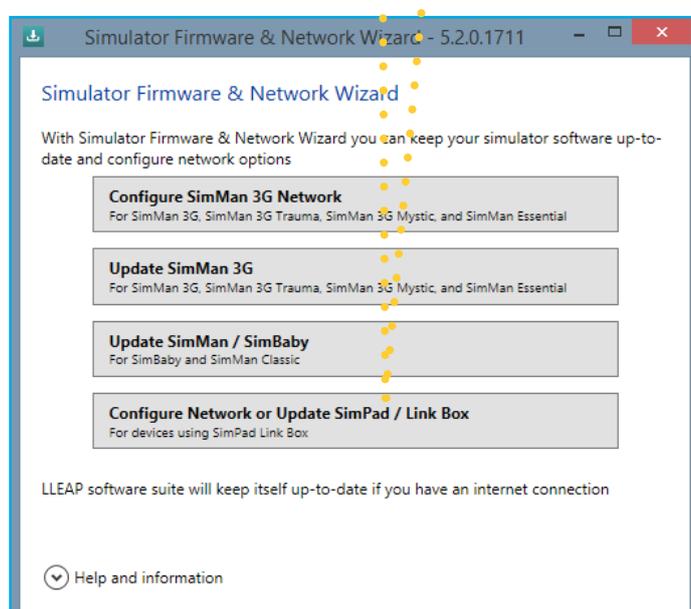
If running Windows 8, the shortcut to Laerdal Simulation Home is automatically added to the desktop.

5. Select Simulator Firmware & Network Wizard



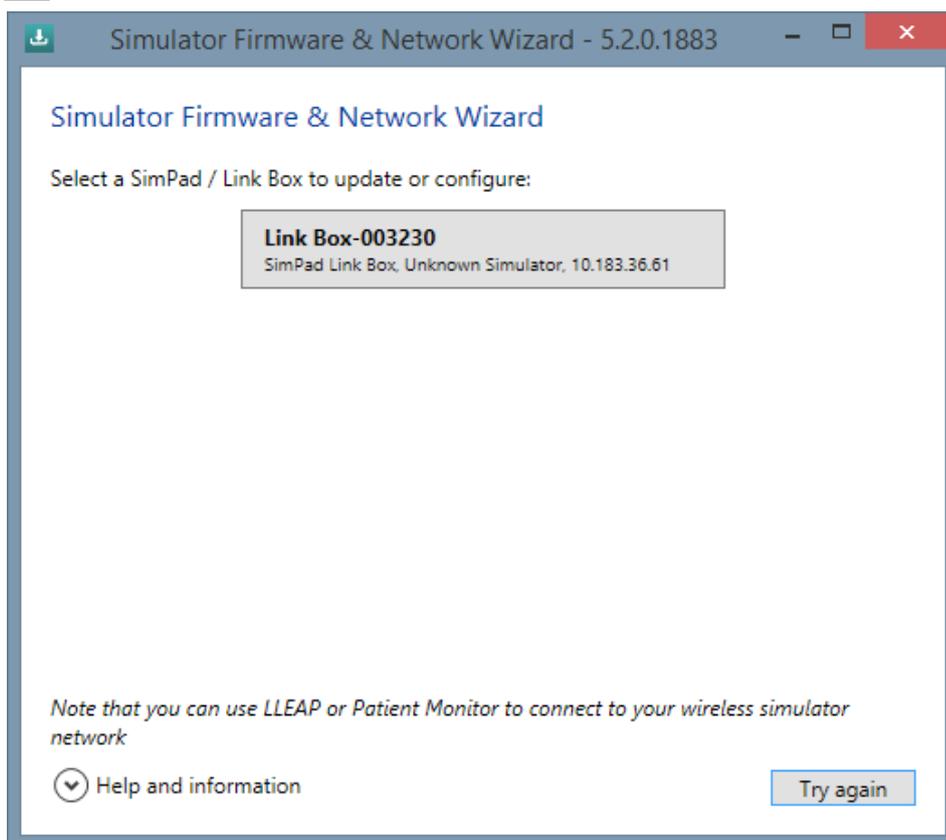
6. Select Configure Network or Update SimPad / Link Box

Configure Network or Update SimPad / Link Box
For devices using SimPad Link Box

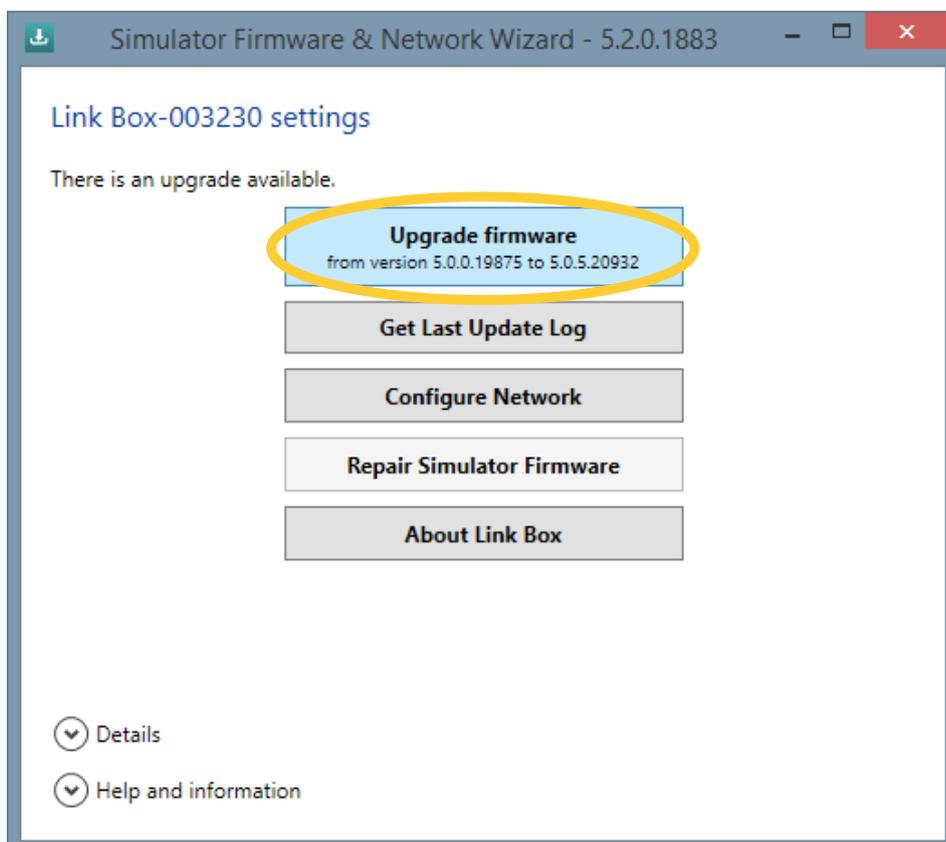


Implementation of LLEAP Instructions

7. Select your Link Box. Since no simulator is currently connected, it will say Unknown Simulator.

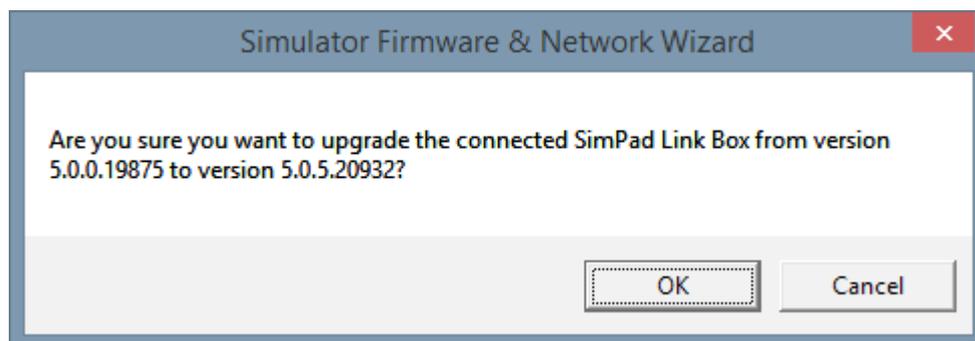


8. After a few seconds, this dialog will appear. If there is an upgrade available, select Upgrade firmware.

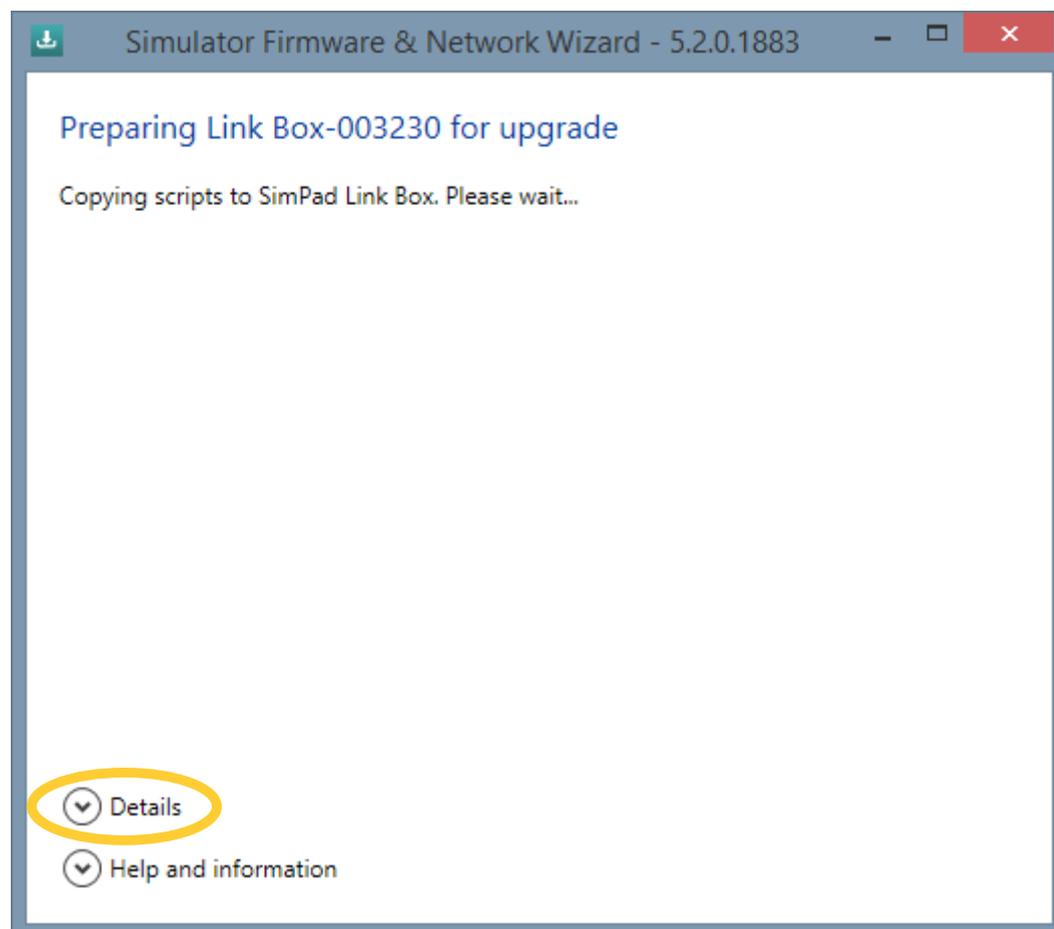


Implementation of LLEAP Instructions

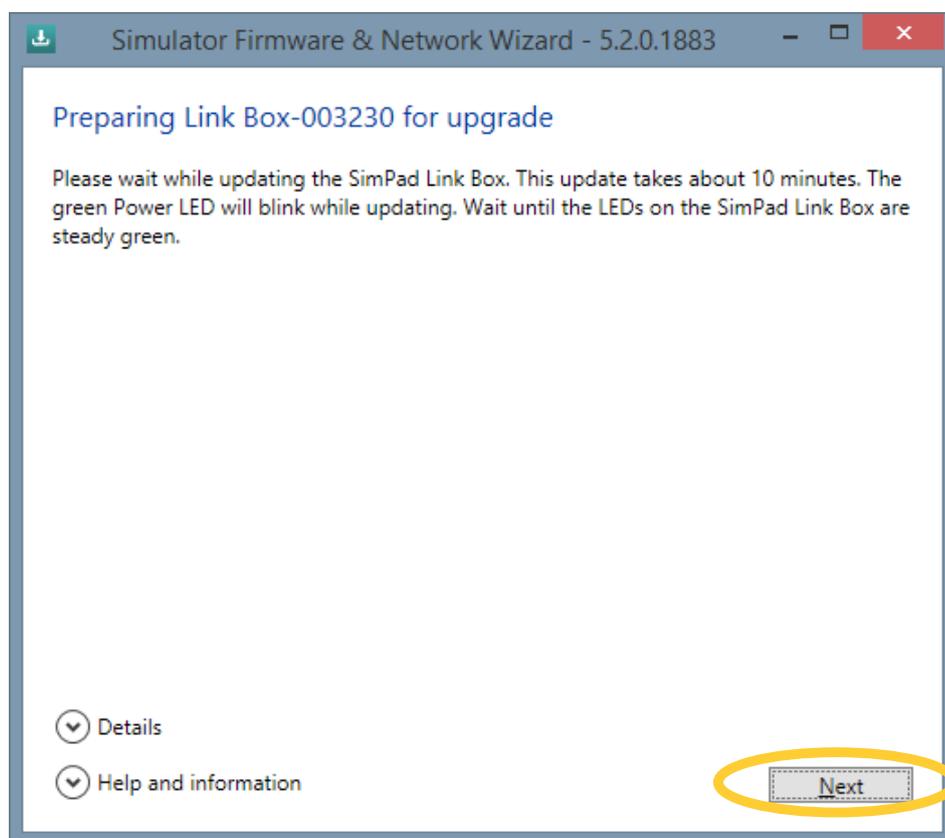
9. After some seconds this popup will ask for your confirmation. Click OK to start the upgrade process.



10. The upgrade process is now running, and in total the process takes about 15 minutes. During the first 2-3 minutes, there is a file transfer to Link Box. To follow the progress in more details, click on details to expand a list view of all process steps.



- 11. When the file transfer process is finished, the updating process will start, and the LEDs will start flashing. This part of the process takes about 10 minutes. When the LEDs are steady green, click next.



- 12. The upgrade process is now finished. Click Close.

- 13. Turn off the Link Box

Simulator Firmware

Caution

Do not turn on the Link Box before connecting to the simulator, as this may corrupt the firmware update.

- 1. Connect your simulator to the Link Box. Please refer to the User Guide and Quick Setup Guide of your simulator for details on how to connect the simulator to the Link Box.
- 2. Turn on the Link Box.



Implementation of LLEAP Instructions

- 3. After the Link Box is turned on, the Power LED will start flashing slowly during its start-up procedure.



- 4. After a few seconds, both LEDs will stop flashing and be constantly lit. The Link Box is now booted up and ready to start the automatic firmware upgrade of the simulator.
- 5. After a few more seconds, the simulator upgrade process will automatically start. Now the Power LED will flash at a much faster rate than during start-up. This process should take 5 to 10 minutes.



Note

If the Power LED does not begin to flash and both are still illuminated constantly, no update is required.

- 6. Once the Power LED has stopped flashing, the update is complete.



Note

Do not launch LLEAP and try to connect to the Link Box before the simulator update is complete.

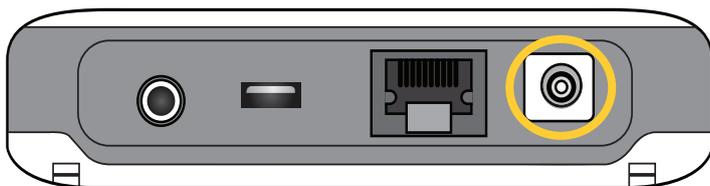
- 7. Once the Power LED has stopped flashing, the update is complete. You can now connect to the simulator through LLEAP.

Implementation of LLEAP Instructions

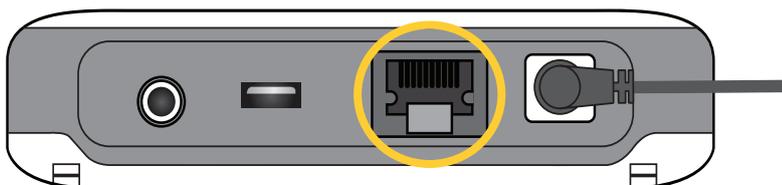
SimPad Software (applicable only for users using both PC and SimPad to control their simulator)

With the Link Box and simulator now updated to LLEAP, you must also update your SimPad to be able to connect to your simulator.

1. Connect the SimPad to AC power.



2. Connect the SimPad to your LLEAP PC using an ethernet cable.



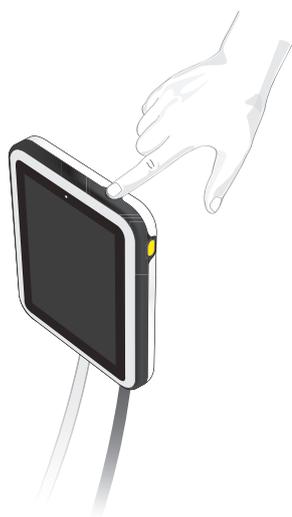
3. Power up the SimPad and wait for the steady green light.

4. From your LLEAP PC, start Laerdal Simulation Home.

Start button > All programs > Laerdal Medical > Laerdal Simulation Home

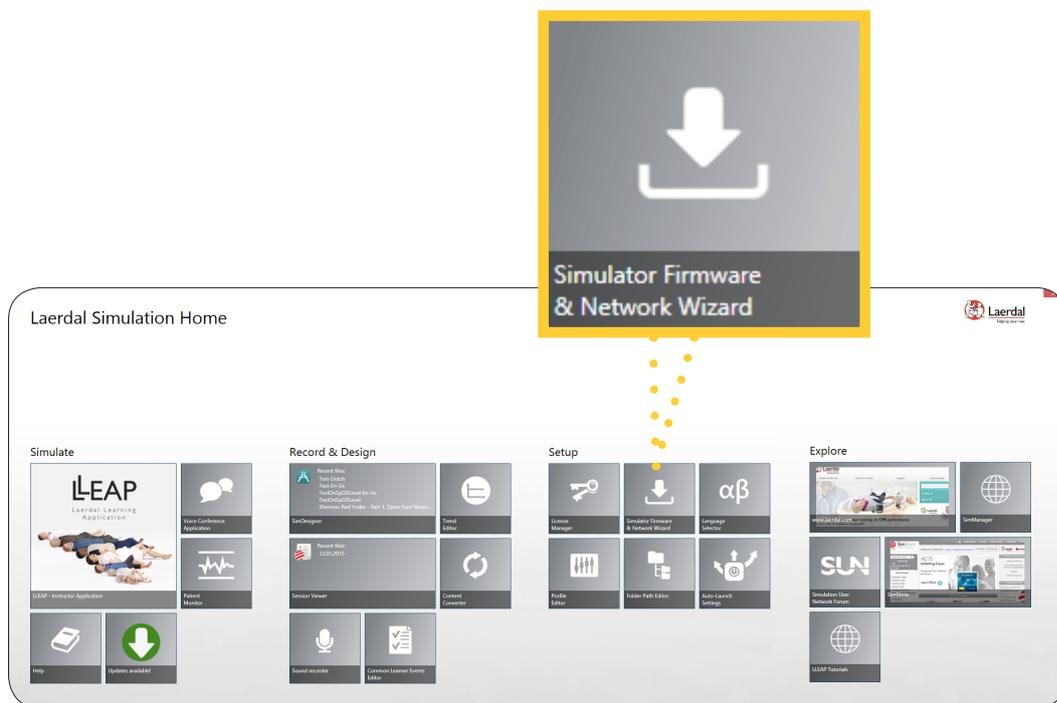
Note

If running Windows 8, the shortcut to Laerdal Simulation Home is automatically added to the desktop.



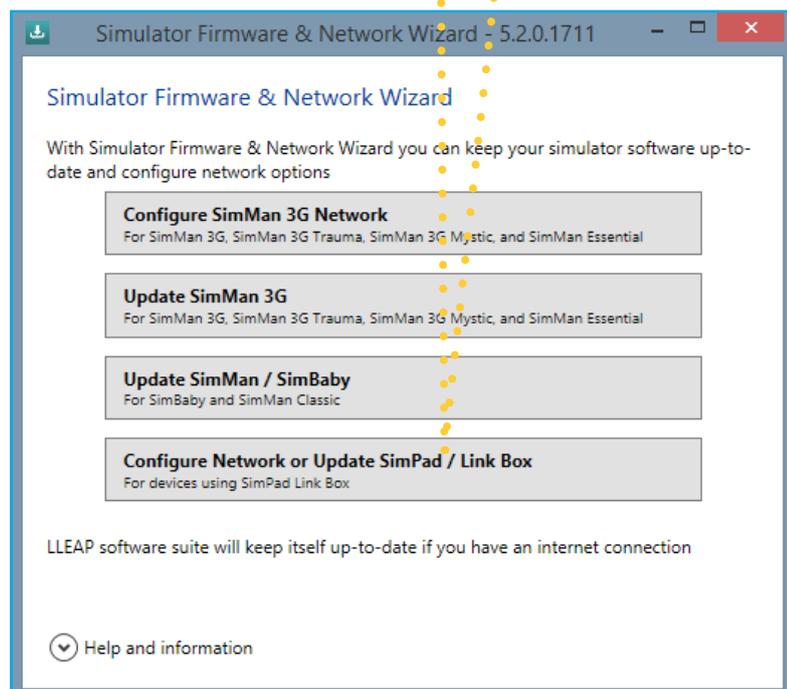
Implementation of LLEAP Instructions

5. Select Simulator Firmware & Network Wizard



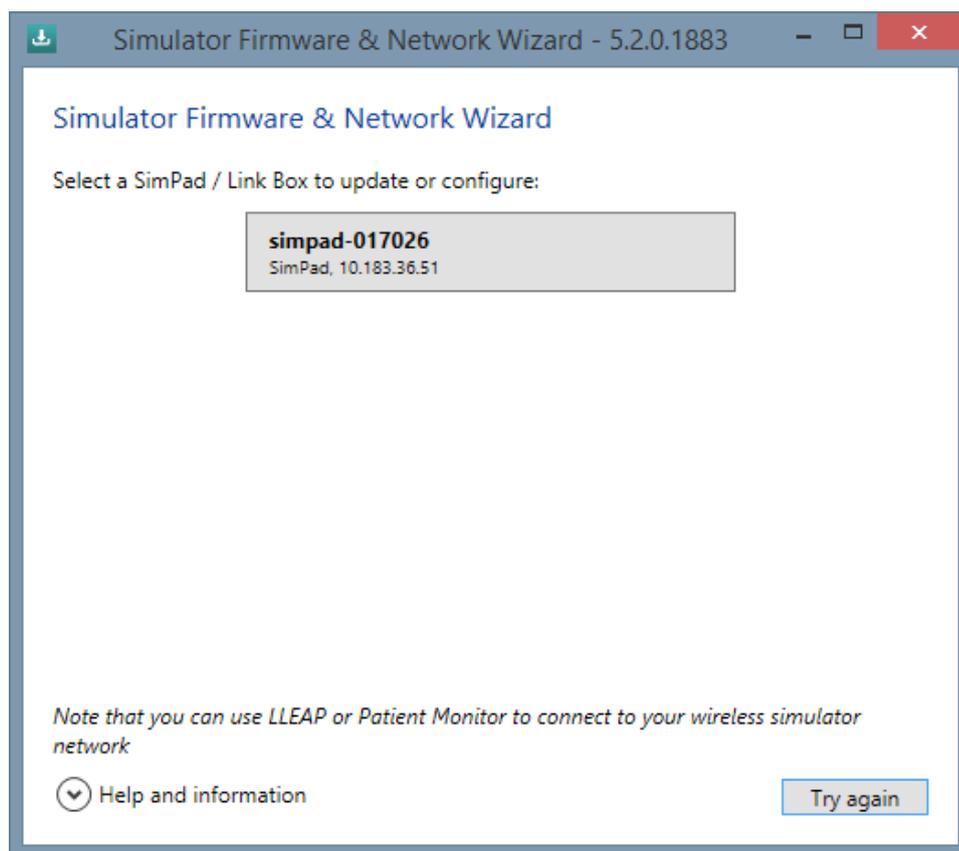
6. Select Configure Network or Update SimPad / Link Box

Configure Network or Update SimPad / Link Box
For devices using SimPad Link Box

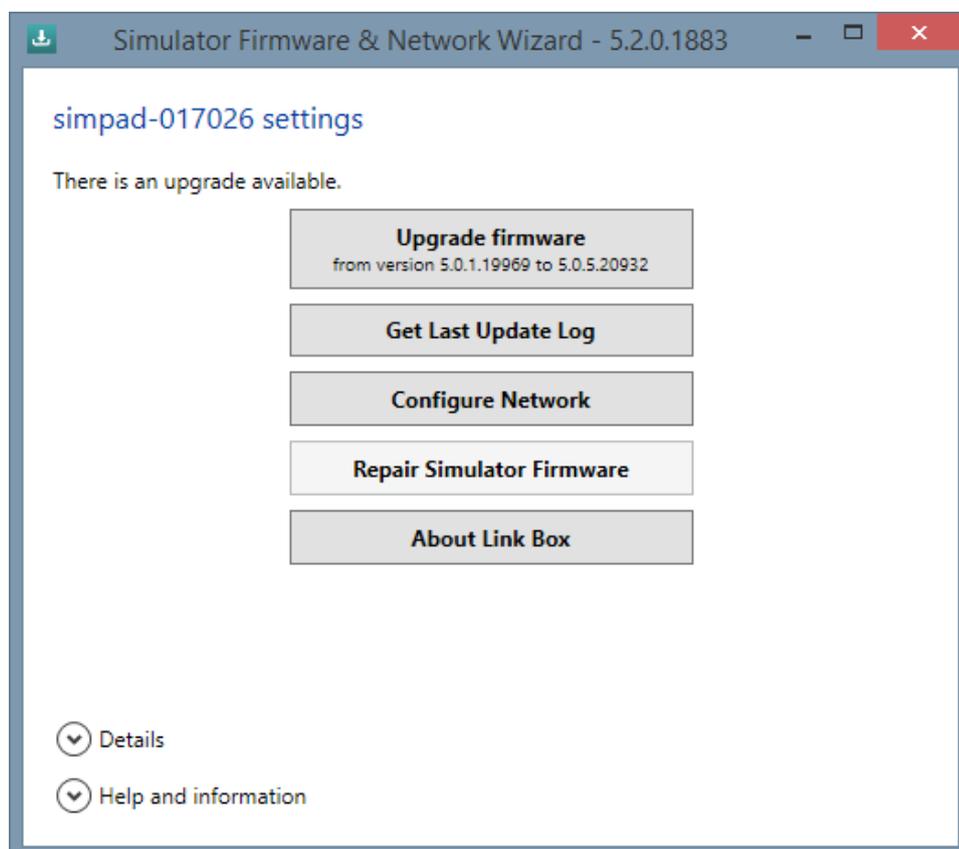


Implementation of LLEAP Instructions

7. Select your SimPad.

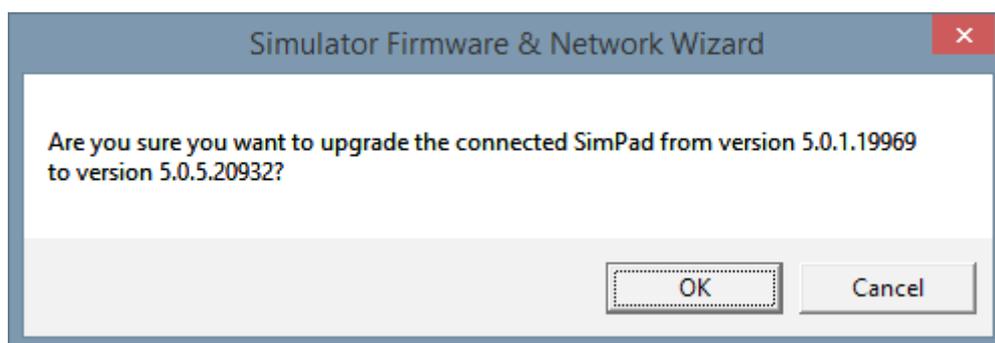


8. After a few seconds, this dialog will appear. If there is an upgrade available, select Upgrade firmware.

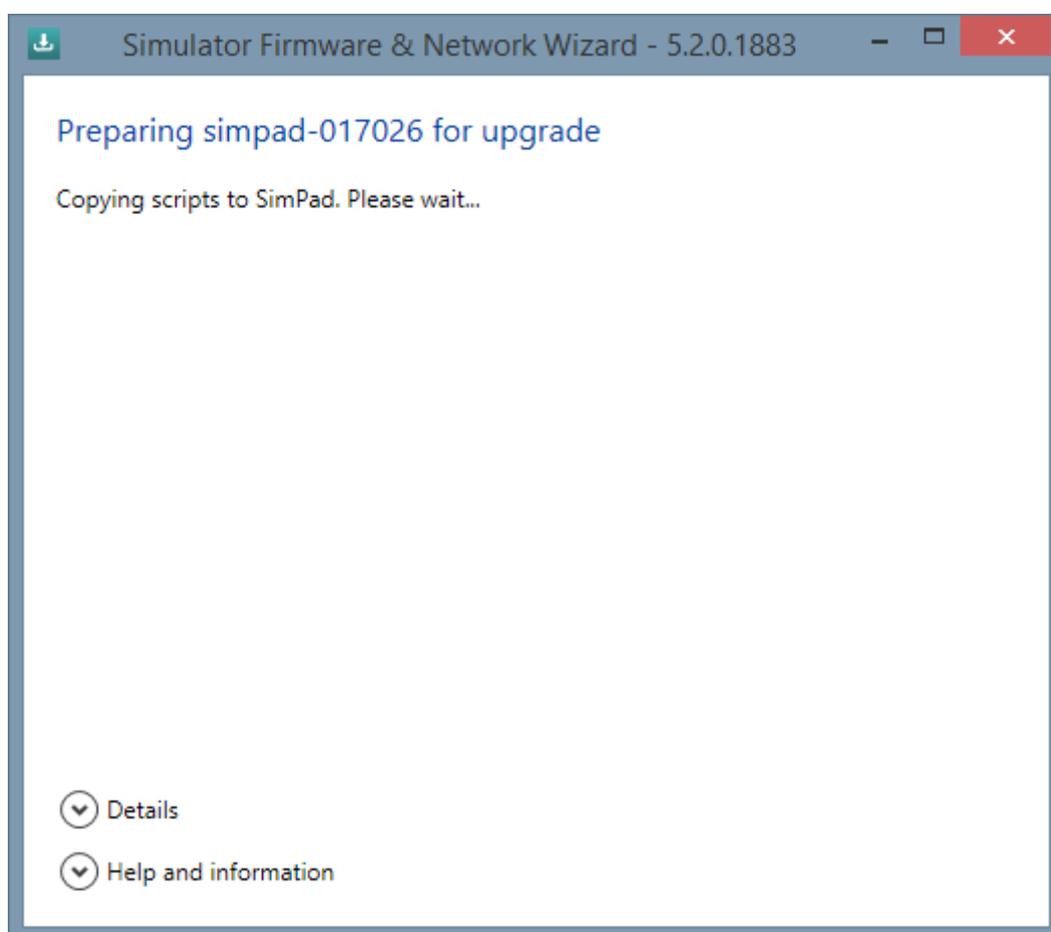


Implementation of LLEAP Instructions

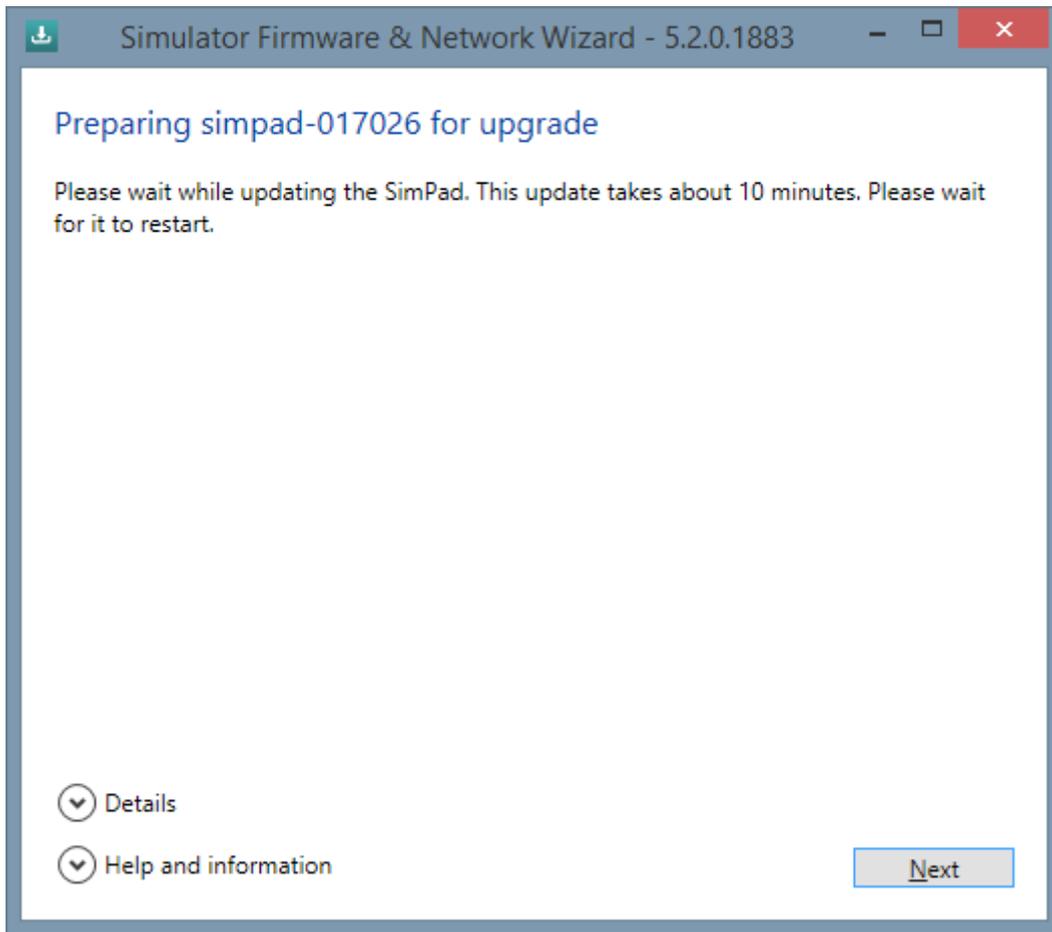
9. After some seconds this popup will ask for your confirmation. Click OK to start the upgrade process.



10. The upgrade process is now running, and in total the process takes about 15 minutes. During the first 2-3 minutes, there is a file transfer to SimPad. To follow the progress in more details, click on details to expand a list view of all process steps.



11. When the file transfer process is finished, the updating process will start, and the SimPad Upgrading screen will show. This part of the process takes about 10 minutes. When the SimPad restarts and is ready, click next in the dialog below..



12. The upgrade process is now finished. Click Close.
13. The SimPad is now ready for use with your LLEAP-upgraded Link Box.

© 2015 Laerdal Medical AS. All rights reserved.

00029078 Rev A

www.laerdal.com

