

## Implementing LLEAP to SimMan 3G Family

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

## Simulator Firmware

1. Connect the simulator to AC power.



2. Connect the simulator to the PC using a network cable. The PC's wireless network connection should be turned off.



3. Turn on the simulator. The simulator will be ready when the green LED lights up.

	Note
1	

This might take several minutes.



4. On the instructor PC, Start Laerdal Simulation Home

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



5. Start Simulator Firmware & Network Wizard under Setup.



6. Choose Update SimMan 3G. This applies for all SimMan 3G family simulators.

## Update SimMan 3G

For SimMan 3G, SimMan 3G Trauma, SimMan 3G Mystic, and SimMan Essential

🛓 🛛 Simulator Firmware & Network Wizaru - 5.2.0.1711 🛛 🗕 🗖 💌				
Simulator Firmware & Network Wizard				
With Simulator Firmware & Network Wizard you can keep your simulator software up-to- date and configure network options				
Configure SimMan 3G Network For SimMan 3G, SimMan 3G Trauma, SimMan 3G Mystic, and SimMan Essential				
Update SimMan 3G For SimMan 3G, SimMan 3G Trauma, SimMan 3G Mystic, and SimMan Essential				
Update SimMan / SimBaby For SimBaby and SimMan Classic				
Configure Network or Update SimPad / Link Box For devices using SimPad Link Box				
LLEAP software suite will keep itself up-to-date if you have an internet connection				
• Help and information				





7. For most setups it is not possible to detect the setting of the network adapter in the simulator, so you will be asked if this is the first time the simulator is being upgraded to LLEAP.

If it is, click Yes.



8. Wait for the simulator to be found in the Configuration Tool and then click "OK". The green LED will start flashing red/green.

SimMan 3G Configuration tool	
Select simulator to update:	۲
SIMMANL-49QSGGL	
	•
	ancel

🗸 Note

If the simulator is not found, ensure that the cables are correctly connected and that the simulator has been started correctly following the procedure above. Also make sure that the Instructor PC is set to receive an Automatic private IP adress as the Alternative Configuration:

Control Panel 🕨	All Control Panel Items   Net	twork and Sharing Center	<b>•</b>	✓ Search Control Panel	× □ _
Control Panel Home Manage wireless networks Change adapter settings Change advanced sharing settings	View your basic netw NOLPC03995 (This computer) View your active network) Domain netw Amage States Domain netw Public network	vork information and s Multiple network	et up connections s Internet Access type: Internet Connections: M Wireless Netw (ANNE) Access type: No network a Connection: U Local Area Co	See full map nnect or disconnect work Connection	e e
Connection Prv6 Connectivity: IPv6 Connectivity: IPv6 Connectivity: Media State: Duration: Speed: Details	22 No network access No network access Enabled 2 days 05:23:58 1.0 Gbps	Local Area Connection I Networking Sharing Connect using: Intel(R) Ethemet Cor This connection uses the fi Const Conternation Network Const Conternation Network Networking Sharing Conternation Network Conternation Network	Properties nnection 1218-LM Configure ollowing items: 1 Networks wck Enhancer k Filter Driver duller aning for Microsoft Networks	XI       Internet Protocol Version 4 (         Ceneral Alternate Configur       If this computer is used on settings below.         If this computer is used on settings below.       If this computer is used on settings below.         If this computer is used on settings below.       If this computer is used on settings below.         If this computer is used on settings below.       If this computer is used on settings below.         If this computer is used on settings below.       If this computer is used on settings below.         If this computer is used on settings below.       If this computer is used on settings below.         If this computer is used on settings below.       If this computer is used on settings below.         If this computer is used on settings below.       If this computer is used on settings below.         If this computer is used on settings below.       If this computer is used on settings below.         If this computer is used on settings below.       If this computer is used on settings below.         If this computer is used on settings below.       If this computer is used on settings below.         If this computer is used on settings below.       If this computer is used on settings below.         If this computer is used on settings below.       If this computer is used on settings below.         If this computer is used on settings below.       If this computer is used on settings below.         If this computer is used on sett	ICP/IPv4) Properties
Activity Sent Bytes: 0	Received 38 480 Diagnose	Install     Install     Description     Transmission Control Provide area network protoa     across diverse interconn	Version 4 (TCP/IPv4) Version 4 (TCP/IPv4) Uninstall Properties Xtocol/Internet Protocol. The default cod that provides communication lected networks.	Preferred DNS server:     Alternate DNS server:     Alternate DNS server:     Preferred WINS server:     Alternate WINS server:     Validate settings, if c	hanged, upon exit



9. SimMan 3G Configuration Tool will scan the simulator and identify the current software version.

<b>₩</b>		SimMan 3G Confi	iguration tool		×
Simulator: Update to vers	SIN ion: ver	1MANL-49QSGGL sion 5.2.0.1711			0
Componen	t	Current version	Update version	Update	
				×	
	Please wait while we collect information about the simulator				
Simulator powe Server software	er: e environment vers	- ion: -			
			Update	Cancel	

10. In the list, make sure that the current version of Server Software environment version is at least version 2.3 before proceeding. If it's not, please contact your local help desk for advice as your simulator's firmware is likely too old to directly upgrade to LLEAP.

Click "Update". The simulator will now be updated to LLEAP.

	SimMan 3G Conf	iguration tool	
imulator:	SIMMAN3G-TYSKD		
Jpdate to version:	version 5.2.0.1711		
imulator components:			
Component	Current version	Update version	Update
Simulator Main board	2.6.0 (Build 0)	2.6.0	No
Head Module	2.0.0 (Build 0)	2.0.0	No
Leg Module	2.0.3 (Build 0)	2.1.0	No
Valve Control module	2.3.0 (Build 0)	2.3.0	No
Simulator Filesystem	2.0.2 (Build 0)	2.0.2	No
Server Software	2.3.0 (Build 1707)	5.2.0 (Build 1712)	Yes
imulator power:	AC por	ver	
erver sontware environme	ent version: 2.3.0	Update	<u>C</u> ancel

A message box will appear when the update is complete. Click OK, and close the SimMan 3G Configuration Tool.



11. Turn the simulator off by pushing the on/off button.

Wait about 20 seconds and then restart by pushing the on/off button again.

12. Start Simulator Firmware & Network Wizard again, repeat steps 5 - 8 and you will see this screen.

				Update
L	SimMan 2G Confi	guration tool	X	No
2	Simivian 50 Com	guration tool		No
Simulator:	SIMMANL-49QSGGL		0	NO
Update to version:	version 5.2.0.1711			No
Simulator components:				
Component	Current version	Update version	Update	No
Simulator Main board	2.6.0 (Build 0)	2.6.0	No	
Head Module	2.0.0 (Build 0)	2.0.0	No	No
Leg Module	2.0.3 (Build 0)	2.1.0	No	
IV Module	2.0.0 (Build 0)	2.0.0	No	NO
Valve Control module	2.3.0 (Build 0)	2.3.0	No	No
Simulator Filesystem	2.0.2 (Build 0)	2.0.2	No	NO
Server Software	5.2.0 (Build 1712)	5.2.0 (Build 1712)	No	
Simulator power:	AC pow	ver		
Server software environme	ent version: 2.4.0			
		<u>U</u> pdate	Cancel	

If 'Yes' appears for any of the items, select update to continue updating the simulator. Continue updating the simulator until 'No' appears on all items.

13. Congratulations, you are done! You can now start your first simulation using LLEAP.



14. System startup:

Ensure to start the system in the following order:

- 1. Manikin
- 2. Instructor PC
- 3. Patient Monitor

Booting up in this order makes the connection between the divices more intuitive.

© 2015 Laerdal Medical AS. All rights reserved.



www.laerdal.com