VCU SOMTech
School of Medicine

LLEAP Upgrade Procedures

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Title:

Description: Process for Upgrading LLEAP to newest Version. See ____ for steps needed to perform the updates.

Equipment: SimMan3G, SimBaby, SimNewB, Universal computers 9-205/9-209/9-211/9-215/9-209/9-210

Software: LLEAP

1. Check with vendor or in patch notes, to see if the Simulator's Firmware also needs to be upgraded before upgrading LLEAP.
2. Update **9-205 LLEAP** version fully
   1. If Firmware updates for Manikins *are not* required
      1. **9-205 Universal PC** to test new LLEAP version for functionality on all Laerdal Simulators (**SimBaby, 4x SimMan3Gs, SimNewB)**
      2. Update LLEAP to its latest version on all **other PCs that have it installed**
      3. Verify functionality with **each PC** by running a scenario with any Laerdal Simulator
   2. If Firmware updates *are* needed, continue to **Step 3**
3. Use **9-205** to upgrade 1x SimMan3G's firmware
   1. Test functionality with new LLEAP version and Firmware version
4. Update **9-211** LLEAP version fully
5. Use **9-211** PC to upgrade firmware on **SimNewB** and use **9-205** PC to upgrade firmware on a second **SimMan3G**
   1. Test functionality with new LLEAP version and Firmware version
6. Update **9-209** LLEAP version fully
   1. Test NRP scenarios for functionality with **SimNewB**
7. Use **9-211** PC to upgrade firmware on **SimBaby** and use **9-205** PC to upgrade firmware on a **third SimMan3G** (Can be performed at the same time as step 6)
   1. Test functionality with new LLEAP version and Firmware version
8. Update **9-208** LLEAP version fully
9. Use **9-208** PC to upgrade firmware on final **SimMan3G**

1. Test functionality with new LLEAP version and Firmware version
10. Update LLEAP version on **9-215/9-210** fully
    1. Test functionality with new LLEAP version and Firmware version with any available simulators that have been upgraded
11. Update LLEAP version on all other devices necessary
    1. Standalone patient monitors PCs, InSitu PCs, Workstations (Kristin, Tony, etc)