Operative Experience

# Simulator Firmware Upgrade Procedure

## Introduction

This document explains how to upgrade the Firmware for OEI Simulator platforms.

### Requirements

- A Laptop or a Computer Desktop with Wi-Fi Card referred in this document as "the computer"
- Administrator access to the Laptop or Computer Desktop to be used during this procedure
- Access to Internet
- An Internet Browser. Supported Browsers and their versions are:
  - Chrome: 63.x.x or Greater
  - Firefox: 54.x or Greater
  - Safari: 11.x.x or Greater
  - $\circ \quad Edge: 41.x \text{ or } Greater$

## Instructions

- 1. Connect "the computer" to the Internet
- 2. Go to <u>www.operativeexperience.com/support</u> and download the latest firmware software file for your simulator (.oei file). Follow the instructions on the web-page
- 3. Power up the simulator
- 4. Once firmware software file has been downloaded, select the Simulator Network via "the computer" network settings
- 5. Switch "the computer" network to the Simulator Network

**IMPORTANT**: During this process, only "the computer" can be connected to the Simulator and NO OTHER device; Tablet and/or ICI, should be connected to the simulator. Failure to do so might corrupt your system will make your simulator unusable

#### 6. Open the Internet Browser

Start!	×	
$\leftrightarrow$ $\Rightarrow$ C $\triangle$	٩	*

a. In the URL field, type the following: <u>http://10.42.0.1</u>

#### 7. The following screen should appear

a. For Tactical Simulators

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	Right	Center	Left	Right Lung	Left Lung		
	0	•	0	0	0		
				Off	Off 🔊		
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		4			bpm		

b. RealMom Simulators



8. Click of the Application Menu – Three Line icon and from the Menu, select Settings



9. Settings screen is different for Tactical and for RealMom, therefore we want to make sure we focus exclusively in the System Update portion of Settings that is identical to both (see red square)

OEI   Settings	× \
← → C ③ 10.42.0.1/0	DEI/#/app/settings
⊟ Settings	
	App Color
	Dark Mode 🛛 🌔
	Auxiliary Bleeding
	Bleeding Location:
	Language
	Language Selection English 👻
	System Update
	Select update file to install: Choose Files No file chosen

- 10. Click the "Choose Files" button
  - a. The File Picker/Select Window will appear. Depending on the version of "the computer" Operating System" the File Select Window might be different

b. Mac OS

Desktop	- Pr		
Documents	Þ		
Downloads	D-		
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Movies	p-		
Music	- P-		
Pictures	Þ		
Public	p-		
Sites	P-		
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📣 Pick a file	×
Search Work	٩
Organize ▼ New folder III ▼	
★ Favorites     ™ button.fig     ™ untitled1.m       ™ button callback.m     ™ var1.mat	
Ibbraries       Ibbraries         Ibbraries       Ibbraries	
Computer iconEditor.m	
Image: Setposl.png         Image: Setposl.png         Image: Simple_gui.m         Image: Setposl.png         Image: Setposl.png	
File <u>n</u> ame: "var1.mat" "button.fig" "simple_gr ▼ All Files (*.*) <u>O</u> pen ▼ Ca	▼ incel

d. Select the downloaded file

System Update	
	Select update file to install:
	Choose Files OEI_Update_2.1.1-R1.oei
	Apply Update

e. Click on Apply Update



f. During the update, the following screen will appear. Click OK.

/ Bleeding		
	Connection Error	
ge	Connection has been lost with the simulator. Click OK to retry.	
	ОК	
Update		
	Svstem is updating	
	Please do NOT turn off the Simulator while the system is updating.	
	С С	

Once the Simulator update has been completed re-join the Simulator Wi-Fi and check update status

11. Once the Simulator Restarts, the following screen will appear



12. At this point, it might be necessary to re-join the Simulator Wi-Fi Network. Once "the computer" re-joins the Simulator Network, make sure the new versions have been installed and that the Simulator is fully operational

≡		00:00:00						Operative Experience 📼 0%
		Head Position			Tension Pneumothorax		l Simulation Logs	
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					breaths per min			
				0 💿		60		
			4			bpm		

13. Click on the Application Menu – Three Line icon 📰 and from the Menu, select About



- a. Check the following three bullets against the current configuration Information for the Product Type you are configuring:
  - i. App Version
  - ii. Firmware Version
  - iii. Product Type:
- b. Once the above step is complete, quit the Internet Browser and exit "the computer" from the Simulator Network.
- 14. Using your Tablet Instructor Control Interface (ICI), join the Simulator Network and start the OEI Sim application
- 15. Click on the Application Menu Three Line icon 📰 and from the Menu, select About



16. Your Tablet ICI will give you additional information beyond "the computer" Internet Browser. Make sure, your App is running the desired version.