

Delsys Software Update Tool

User's Guide

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1 Important Information

1.1 Intended Use

The Delsys Software Update Tool is a support software package to be used in conjunction with the Trigno Wireless EMG biofeedback system. The tool is designed for the sole purpose of updating the firmware and software related to the Trigno Wireless EMG system.

1.2 Technical Service and Support

For information and assistance visit our web site at:

www.delsys.com

Contact us at:

E-mail: support@delsys.com

Telephone: (508) 545 8200

1.3 Device Information

Please see the Trigno Wireless EMG System User Guide for information on the EMG Device.

1.4 System Requirements

Trigno Wireless EMG System

Windows 7 or newer, 64-bit or 32-bit operating systems supported

One USB 2.0 port

2.0 GHz processor clock speed (minimum)

2 GB system memory (minimum)

1 GB hard disk storage (minimum)

2 Delsys Software Update Tool Overview

The Delsys Software Update Tool is a software application designed to allow customers to perform firmware updates to their Trigno Devices from their own lab, as well as update the software running on the PC.

3 Installing the Delsys Software Update Tool

The Delsys Software Update Tool installer is available from delsys.com. Please visit our website or contact our support team for further assistance locating the tool's installer.

After download, launch the installer. When prompted, click "Install." The Delsys Software Update Tool will now install on your computer. For future updates, you will not have to download the tool again; you will simply be able to open up the tool to see if your system requires updates. The application will automatically run after the installation completes.

4 Using the Delsys Software Update Tool

4.1 EMGworks



When the Delsys Software Update Tool is launched, it will query the PC to determine the currently installed version of EMGworks. If a new version is available (or EMGworks is not installed), the application will display an alert icon. If this is the case, please visit delsys.com to download the latest version.

EMGworks		Installed version 4.2.0	Update...
<i>1: EMGworks is out of date</i>			
EMGworks		Not installed.	Update...
<i>2: EMGworks is not installed</i>			
EMGworks		Installed version 4.3.0	
<i>3: EMGworks is up to date</i>			

In addition to the version information, if EMGworks is installed and activated, the activation key is displayed at the bottom of the application.

4.2 Trigno Base Station

Make sure your Base Station is connected and powered on. Once connected, launch the Software Update Tool. After querying the base, the current version of the firmware will be displayed. If a new firmware version is available, the application will display an alert icon and present an option to update the base firmware.


Trigno Base Station		BID-206 Firmware: MA2719-BE1400-DS0612-US1804-DA0801	Update...
<i>4: Trigno Base Firmware is out date</i>			
Trigno Base Station		Serial: SP-W02-1113 (BID-206) Manufacture date: Tuesday, December 13, 2016 Firmware: MA2902-BE1500-DS0801-US2001-DA0900	
<i>5: Trigno Base Firmware is up to date</i>			

Note: the Serial Number, BID, and Firmware versions depicted are representations of these values and will not match with what will be depicted when the Delsys Software Update tool is in use.

While updating the base – do not close the application, disconnect the base, or remove base power.

4.3 Trigno Sensors

Each individual sensor must be paired to determine if a firmware update is necessary. Click the pair sensor button to begin a check.

Trigno Sensors  Ready to pair. Pair Sensor...

6: Click the "Pair Sensor" button to begin

Waiting for sensor

- 1 Remove the sensor from the charging station and press the sensor button to power it on.
- 2 Press and hold the sensor button until this message disappears.

7: Waiting for user to pair sensor

After pairing, the sensor firmware version and type will be displayed, along with the serial number. If a new firmware version is available, an alert icon will be displayed and option to update will be presented. Click the Update link to perform an update. When selected, the update process will request another pair operation be performed. Since the update is performed wirelessly, a clear path between the sensor and the base station antenna is required for the entirety of the update.

Trigno Sensors

SID-14989 Firmware 22-18 Type D
Update required.
Pair Sensor...
Update...

8: Message indicating firmware update is available

Waiting for sensor

- 1 Remove the sensor from the charging station and press the sensor button to power it on.
- 2 Press and hold the sensor button until this message disappears.

9: Waiting for pair to initiate the update

Sensor update complete.

10: Update successful

Trigno Sensors

SID-14989 Firmware 30-08 Type D
Pair Sensor...

11: New Firmware version displayed

Note: the SID and Firmware Versions depicted are representations of these values and will not match with what will be depicted when the Delsys Software Update tool is in use.

Repeat this operation for all sensors.

After firmware updates, sensors will need to be re-paired to the base. Use the Trigno Control Utility to perform these operations.

4.4 Update Summary

After updates are performed, a link near the top of the application will provide a summary of the updates performed during this session.