



User Manual

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Pressure Mapping Systems

Included Items

- Mattress Sensor
- USB B Cable to USB A cable
- USB Wall Charger (Wireless only)
- SensorEdge USB Flash Drive

Sleep System Setup

Installing the Software

1. Plug the included SensorEdge flash drive into an available USB port on your computer or tablet and open the drive in your Windows Explorer.
2. Navigate to Software > Sleep System and click the setup file (setup.exe).
3. Follow the instructions on the Setup Wizard. When finished, click close.

Installing the Mattress Sensor

1. Open the SensorEdge USB drive containing your software and navigate to Software > Devices
2. Drag the mxd file in the folder and drop it in the shortcut named "Install Device."
3. You may also copy the mxd file, double-click the "Install Device" shortcut to the Devices folder, and paste it into the location.
4. The mxd file is named "Mattress_####.mxd" with the serial number represented in the file name.

Connecting to the Mattress Sensor


Sensor

1. Use the included USB cable and wall charger to charge the Mattress Sensor for 3-5 hours.
2. Length of battery depends on use, but you should expect to get about an hour of continuous use for every 2 hours you charge, up to 5 hours.

Wired Mattresses

1. Connect the Mattress Sensor to your computer or tablet using the included USB B to USB A cable.

Wireless Mattresses

1. Make sure the device is charged and powered on for 30 seconds.
2. Open the list of available wireless networks on your computer. This is normally found on the bottom right of your screen next to the time and date and is represented by the wireless icon .
3. Connect to the wireless network named SensorEdge_Wireless_#### using the password sensoredge (all lowercase and no space). The numbers at the end on this network represent the device's serial number.
4. The connection will display a warning icon and text of "limited." This appears when you are connected to the device but do not have access to the rest of the World Wide Web.

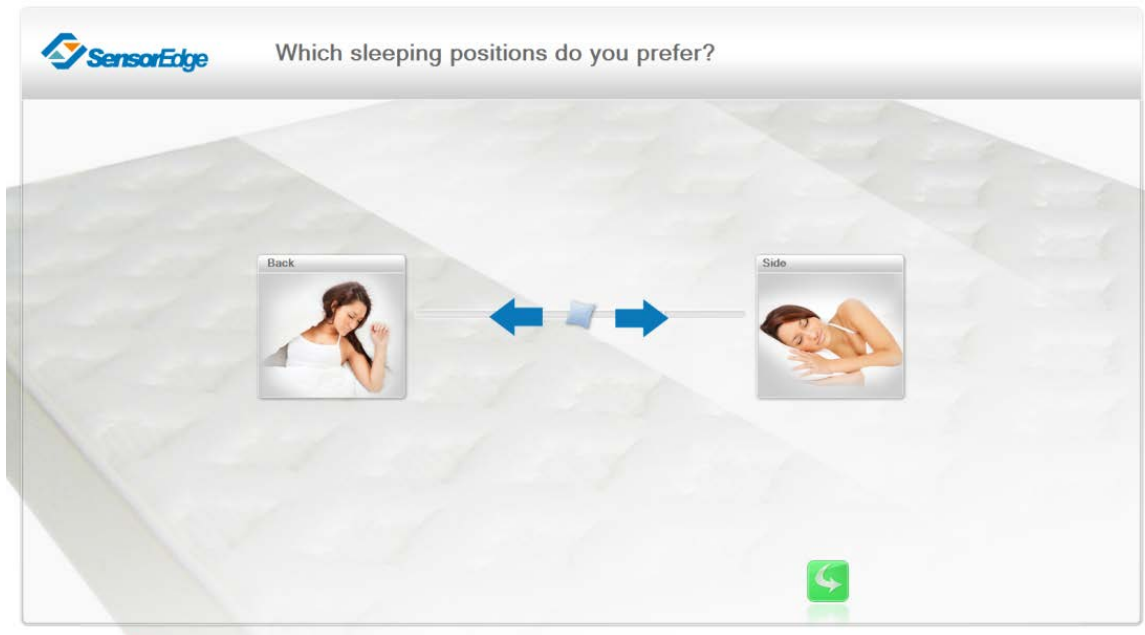
5. Once you have established connection, open the Sleep System software and record a test session.
6. **IMPORTANT:** All SensorEdge software comes with Virtual Devices. These devices help you train on the software without an active device. If you see a pressure profile of a human while not on the device, you are likely using the Virtual Device. If this happens, return to the [Installing the Mattress Sensor](#) section of the manual and ensure the Mattress_####.mxd file is in the Devices folder. If the error persists, contact [SensorEdge support](#).

Sensor Care and Maintenance

1. Always use caution when inserting and removing the USB cable from the device ports.
2. Store the Sensor in a safe, clean, and dry environment away from direct sunlight in the original packaging.
3. Do not store the Mattress Sensor folded; it may damage the sensor.
4. Keep the Mattress Sensor in an environment between 32°F and 90°F, 0°C and 32°C.
5. Do not leave the Mattress Sensor in direct sunlight or extreme temperatures for long periods of time.
6. To ensure the accuracy and longevity of the sensor, do not place any heavy objects on the Mattress Sensor for an extended period of time.
7. Always keep the Mattress Sensor clean and free of debris and dirt.
8. Do not wash, iron, steam, or tumble dry the sensor.

Using the Sleep System

1. Have the customer choose which sleeping position he or she prefers of the two listed using the pillow on the track. You can move the pillow back and forth on the track to match what position the customer prefers.

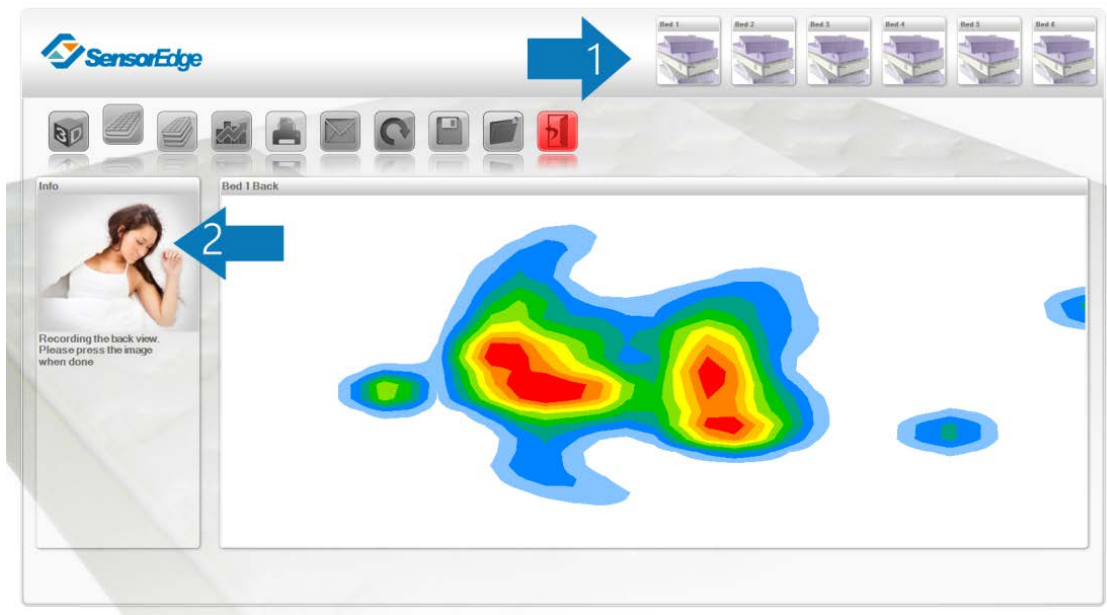


2. The buttons used by Sleep System let you perform all the necessary tasks to develop your customer's pressure profile. Buttons are considered active when raised above the others, such as the second button in the picture below.

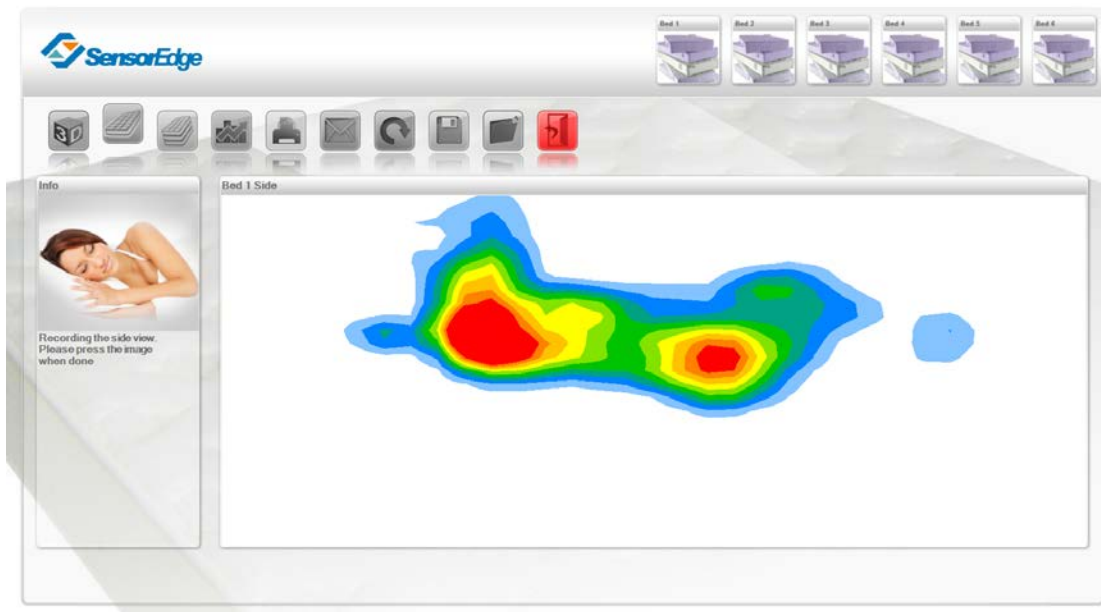


1. Turns on and off the 3D view in single session and compare modes
2. Switches to view a single recording of one mattress and either side or back
3. Switches to view all the pressure readings from every bed
4. Generates a report based on the pressure profiles from the entire session. This is the key and final step in choosing the right mattress.
5. Prints the report generated by step 4
6. Email the report to the customer and remind them to purchase
7. Reload the entire program. This will erase all pressure readings that have not been saved.
8. Saves the entire session for later review or sharing
9. Opens previous sessions
10. Exits the program

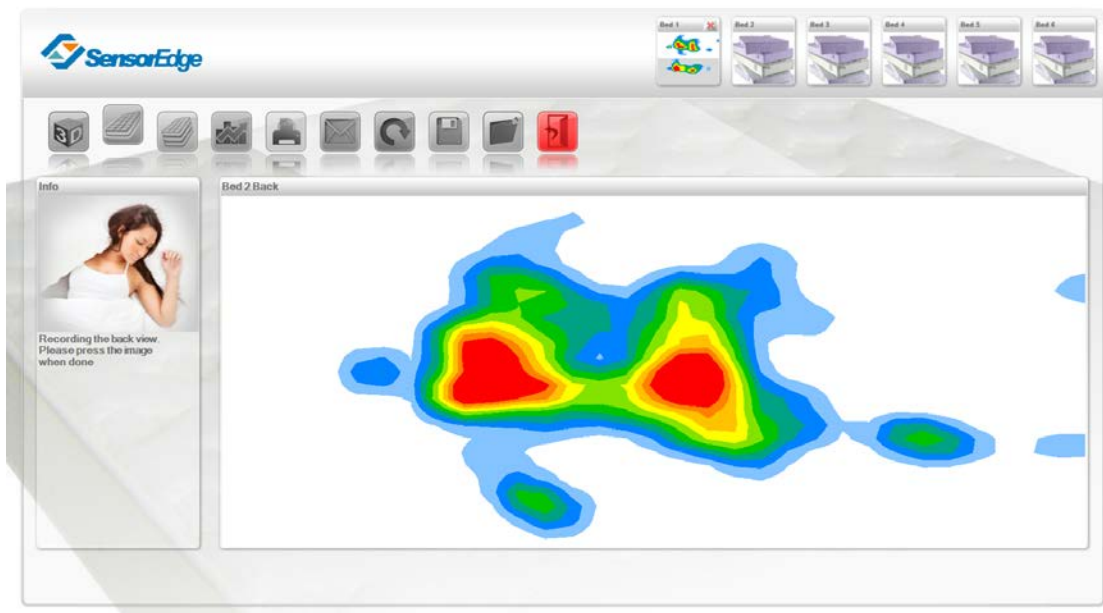
- Record your first session by clicking "Bed 1" in the top right corner. Once you have completed the back, click the pressure map or the image to the left to continue.



- Repeat Step 3 with the customer lying on his or her side. Click again to stop recording.



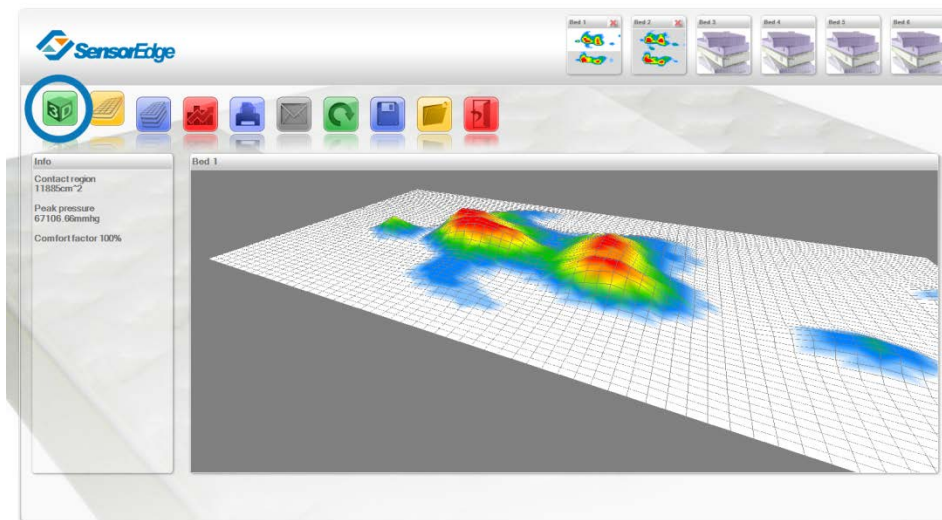
- Click "Bed 2" to record on a new mattress following steps 3 and 4. You can repeat this process up to 6 times.



- To review the back or side pressure map from a session, click the image you would like to see in the Beds List (Bed 1, Bed 2, Bed 3...). The area highlighted in white is the current view.



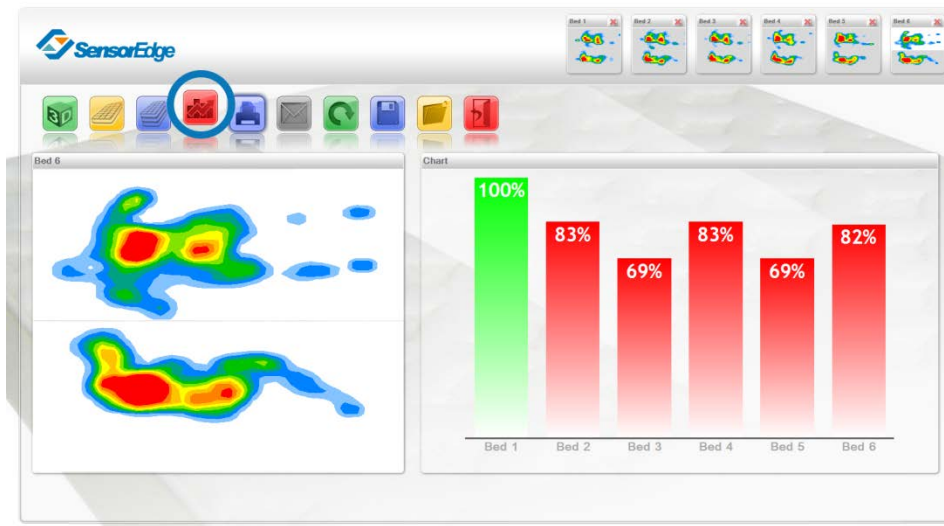
- Click the 3D button to switch the view to 3D. Clicking the button a second time will return you to the 2D view.



- Click the Comparison button to see the pressure maps from all the recorded sessions on one screen. You can also view comparisons in 3D by clicking the 3D button. You can view either backs or sides by clicking on the back or side of a picture in the top right Bed icons



9. When you have finished recording all your desired sessions, click the Report Button to view the results. The mattress that gives the best pressure profile reading will be highlighted in green, giving you a chance to empirically recommend that mattress to a customer. The pressure map displayed next to the report is the one selected in the Bed icons at the top right corner of the screen.
10. Click the Print button to print this report from the software to your default printer. The page will contain the graph and whichever pressure map you have selected to show. Ideally, you should use the map of the best fit mattress to your customer's pressure profile.



Troubleshooting

Before reaching out to SensorEdge for service and support, please try the following steps.

Wired Mattress Sensor

1. Unplug the USB cable from the Mattress Sensor and the computer or tablet and connect the cable again.
2. Close and restart the software.

Wireless Mattress Sensor

1. Make sure your Wireless Mattress Sensor is powered on (shown by a blue light around the power button) and charged (for Wireless Mattress Sensors).
2. Turn off the Wireless Mattress Sensor and wait 15 seconds.
3. Turn the Wireless Mattress Sensor and wait 30-60 seconds.
4. Reconnect to the mattress from your computer or tablet using the Wireless Network panel in Windows.

If you are not able to resolve your issue using these steps, email us at support@sensoredge.com or call us between 9:30 a.m. and 6:00 p.m. EST at +1 (973) 975-4163. Please be specific in describing your issue.