

# TRANSCEND<sup>®</sup>

Sleep Apnea Therapy SYSTEM

## Sleep Apnea Therapy Software User Manual



## Notices

---



Revised	Sleep Apnea Therapy Software User Manual 103392 Rev C Published May, 2017 and supersedes all previous versions.
Notice	The information contained in this document is subject to change without notice.
Trademark	Somnetics® and Transcend® are registered trademarks of Somnetics International, Inc.; all rights reserved.
Copyright	© Copyright 2017 Somnetics International, Inc.; all rights reserved.

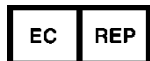
## Contact Somnetics International, Inc.

---

Corporate headquarters	Somnetics International, Inc.
Email	info@somnetics.com
Web	<a href="http://www.mytranscend.com/">http://www.mytranscend.com/</a>
Telephone	651.621.1800
Toll-free telephone	877.621.9626
Fax	651.204.0064



Somnetics International, Inc.  
33 5th Avenue NW, Suite 500  
New Brighton, Minnesota 55112 USA



Authorized Representative (MDD 93/42/EEC)  
Atlantico Systems Ltd.  
34 Oldfield  
Kingston  
Galway, Ireland  
TEL. + 35391443609

**Rx Only**

---

## About this user guide

---

**Note** For purposes of this manual, some software screen images may differ from the actual screen display. This is only for clear printing and on-screen display of this manual.

---

## Important notes

---

The information contained in this document is subject to change without notice.

**Note** Indicates a tip or feature to aid efficient operation of the device.

## General Guidelines and Precautions

---

This section contains information that is essential for safe operation of this product. Read and understand these instructions before using this product or any optional equipment. For more warning instructions, refer to additional materials supplied with the device.

Somnetics products are designed and manufactured for use in conjunction with accessories supplied and recommended by Somnetics. Accessories designed by other manufacturers have not been tested and should not be used with Somnetics products.

# Contents

---

<b>Introduction</b> .....	1
<b>Installation</b> .....	2
System requirements .....	2
Installation procedure .....	3
<b>Using the Sleep Apnea Therapy Software</b> .....	6
Common procedures .....	8
View compliance data .....	9
Email compliance data to clinician.....	12
Adjusting data in compliance reports.....	13
View/send a device fault log .....	15
Reset a device fault .....	16
View provider information .....	16
Exit the program .....	16

# Introduction

---

The Somnetics Sleep Apnea Therapy software is intended for use by both patients and clinicians.

Patients may use the program to view the therapy settings programmed into their device by their clinician, view the therapy history stored in the device, and send compliance data to their clinician.

In addition to the above, clinicians may use the program to view, set, or modify the device settings; calibrate the device; or retrieve compliance data from the device.



# Installation

---

This section includes instructions for installing the Sleep Apnea Therapy software.

- [System requirements](#)
- [Installation procedure](#)

## System requirements

---

The Sleep Apnea Therapy software is installed from a CD-ROM, which contains a setup program to help guide you through the setup and installation process. Before installing the software, ensure that the following minimum computer system requirements are met:

- Operating system: Windows 7 (32-bit or 64-bit), Windows 8 (32-bit or 64-bit), or Windows 10 (32-bit or 64-bit)
- Available USB port
- 512MB of RAM (the software can be installed on systems that do not meet this requirement; however, speed and performance may be compromised)
- Video settings of at least 1024 x 768, and at least 32-bit color (lower settings might impair readability)

---

**Note** You must have administrator privileges in order to install this software, update this software, or restore the patient database. Administrator privileges are not required to operate the software.

**Note** Install the software before connecting the device USB cable to the computer.

**Note** Some antivirus software may interfere with software installation. If difficulties arise during installation, consult an IT professional about disabling antivirus software during installation.

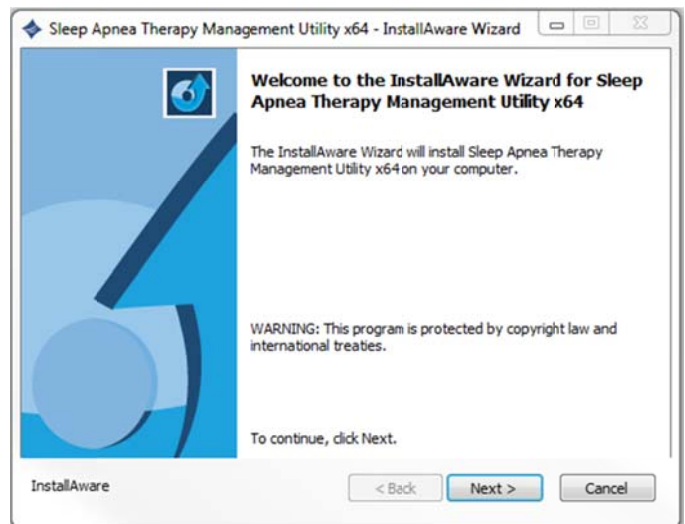
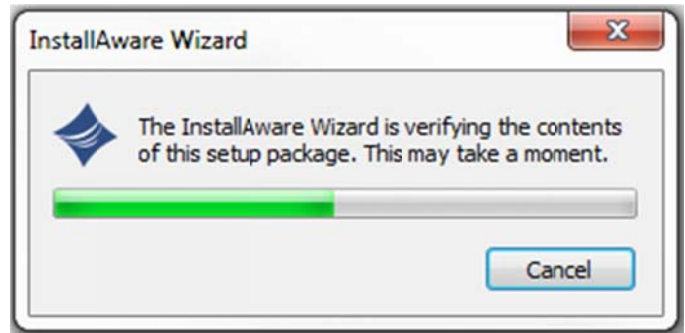
---

## Installation procedure

Follow these steps to install the Sleep Apnea Therapy software.

**Note:** You must have administration privileges to install this software. For questions regarding administration privileges refer to an IT professional.

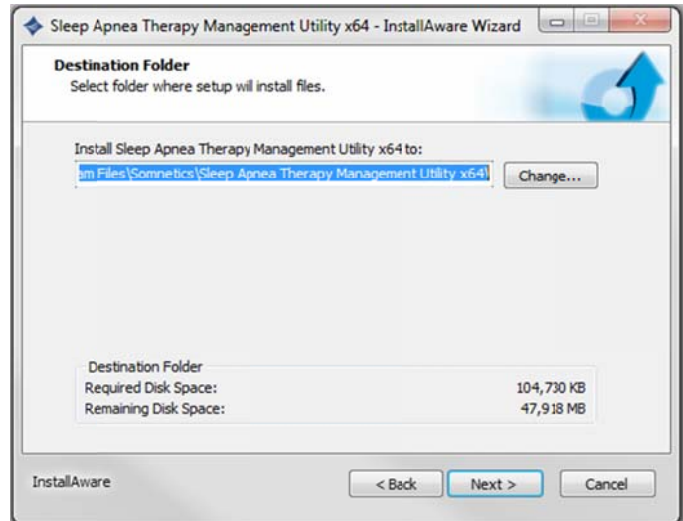
1. Log in to the computer on which the software will be installed. Close all other open programs before installation.
2. Insert the Sleep Apnea Therapy software CD into your computer disk drive. If you do not have the software installation CD the software can be downloaded from [www.mytranscend.com/support](http://www.mytranscend.com/support).
3. The install wizard will verify the setup package.  
**Note:** If you are updating existing Transcend software you will be instructed to uninstall your current version of software before installing an updated version.  
Select **Next>** to proceed.
4. Select your language from the menu and click **OK**.
5. A dialog box similar to the one shown will appear notifying the user that the installation setup is ready to begin.
6. Click **Next>** to begin the installation.



**Note** Software and Transcend user manual updates can be download at <http://www.mytranscend.com/support>

7. A destination folder for software installation will be recommended. To change the selected destination folder click **Change** and enter a new destination.

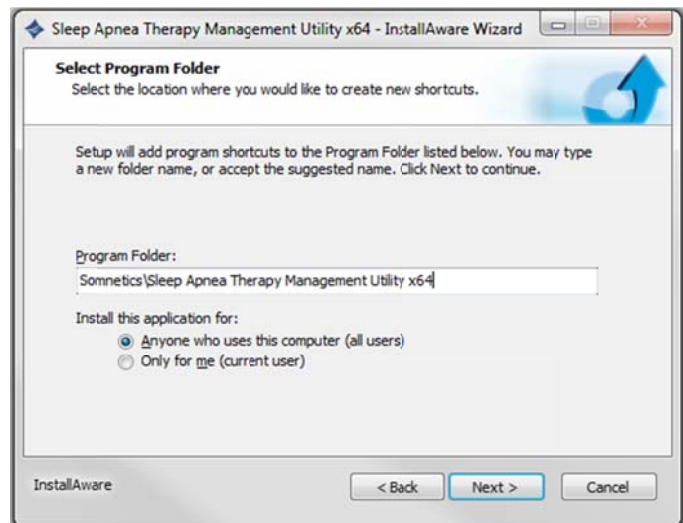
Click **Next >** to continue.



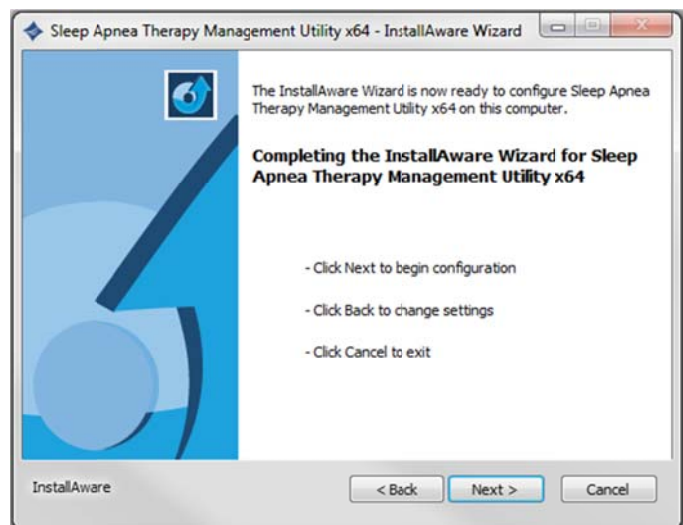
8. The install program will automatically name the program folder. To change the name of the folder, simply type a new file name in the text box.

9. To allow software access to all users, select **Anyone who uses this computer**. To restrict access to you only select **Only for me**.

Click **Next >** to continue.

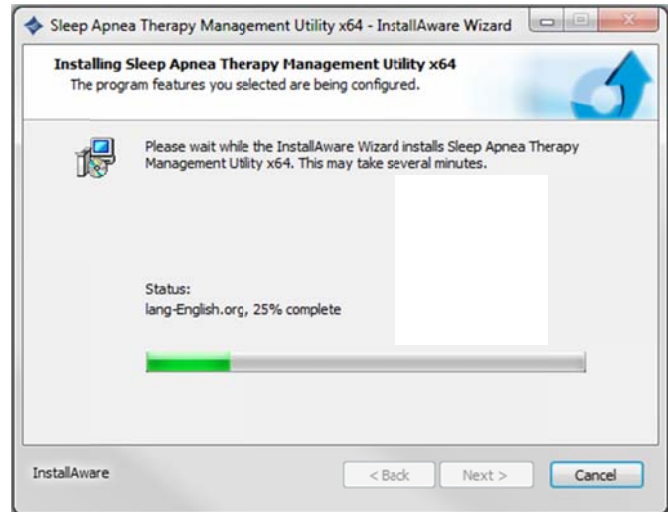


10. A window will appear confirming the installation settings. Click **<Back** to edit the settings or **Cancel** to exit. Click **Next >** to continue with installation.

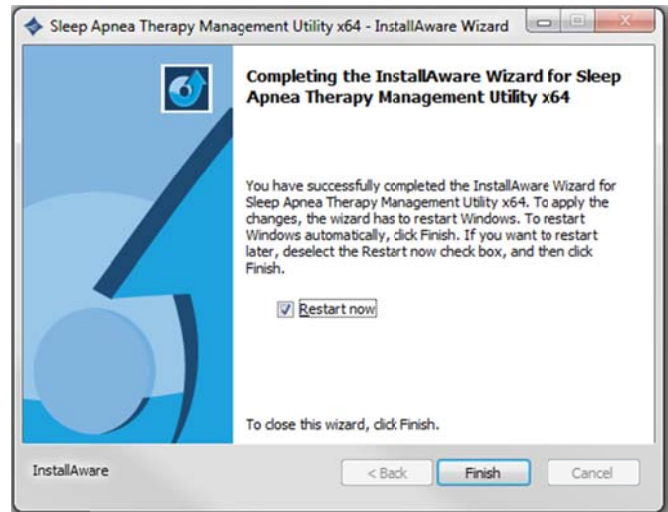




11. The Sleep Apnea Therapy Software will now initiate installation. A progress bar will appear indicating installation progress.



12. Windows must be restarted to apply the changes to your computer following successful installation. To restart Windows automatically click **Finish**. To restart Windows automatically click **Finish**. To restart at a later time uncheck the **Restart Now** box, then click **Finish**.



# Using the Sleep Apnea Therapy Software

**Note** You must have the device connected to your computer with the USB cable in order to view compliance data.

**Note** You must close all other open programs before launching the Transcend Sleep Apnea Therapy Software.

1. There are two ways to launch the Sleep Apnea Therapy software:
  - ◆ Choose **Start ▶ Programs ▶ Somnetics ▶ Sleep Apnea Therapy Management Utility ▶ Sleep Apnea Therapy Management Utility**.
  - ◆ Double-click the **Somnetics Sleep Apnea Therapy Software** icon on your computer desktop.



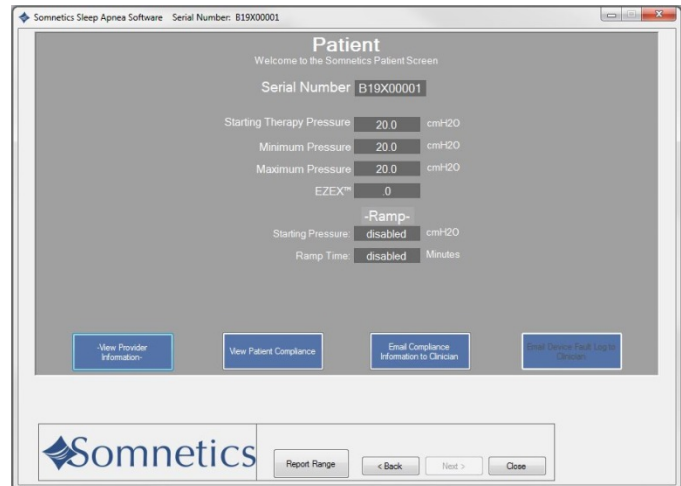
2. The program opens with a **Welcome** screen similar to the one shown here. From this window you have the option to select a different language.

**Note** If the Transcend device is in a fault state, the program displays a fault message when you connect the device to the computer with the USB cable and launch the Sleep Apnea Therapy software.

See [Reset a device fault](#) for more information.



3. Click Patient.
4. The program displays a patient screen (Fig 1). See [Common procedures](#) for information on how to carry out the most common procedures.



## Common procedures

---

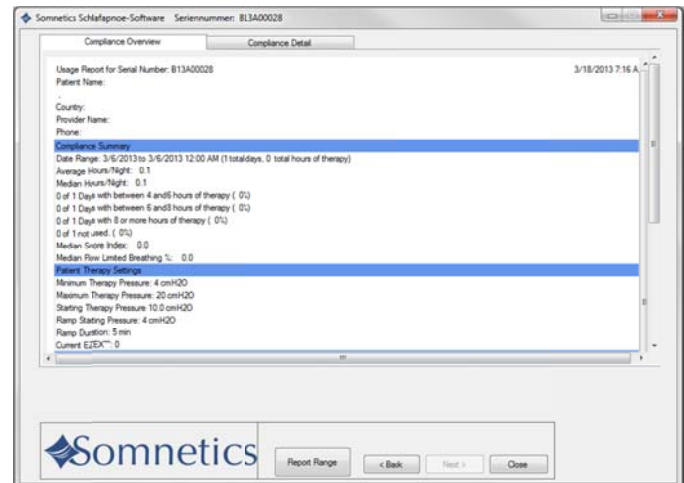
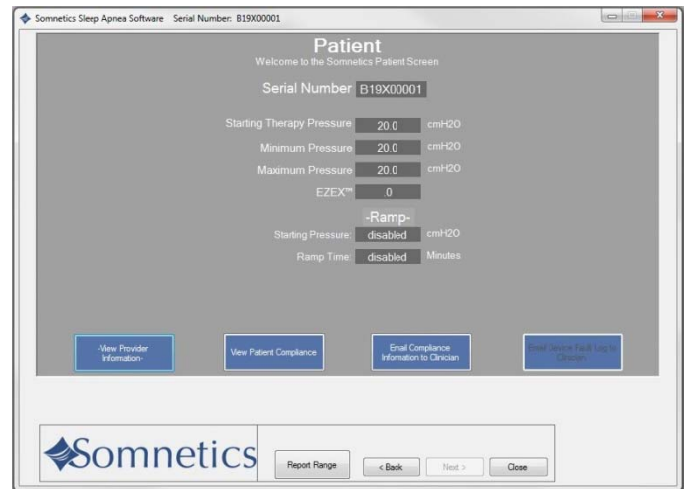
This section presents information about the following common procedures:

- View compliance data
  - Email compliance data to clinician
  - Adjusting data in compliance reports
  - View/send a device fault log
  - Reset a device fault
  - View provider information
  - Exit the program
-

## View compliance data

Follow these steps to view compliance data.

1. With a device powered and connected to the computer with the USB cable:
  - Click **Patient**.
  - Click **View Patient Compliance** (Fig 1).
2. The program retrieves the available compliance data and displays a **Compliance Overview** screen (Fig 2).



3. The Compliance Overview screen shows the following information:
- ◆ **Compliance Summary**  
The Compliance Summary section shows an analysis of the compliance data for the period selected: date range, average hours/night, median hours/night, and days of therapy use.
  - ◆ **Patient Therapy Settings**  
The Patient Therapy Information section shows the therapy settings in use for the period selected: Therapy pressure (minimum/ maximum/ starting), Ramp starting pressure, Ramp duration, and EZEX™ setting.
  - ◆ **Therapy Pressure Summary**  
The Therapy Pressure Summary displays the minimum required pressure, maximum required pressure, time-weighted average pressure, 90<sup>th</sup> Percentile Pressure, and 95<sup>th</sup> Percentile Pressure.
  - ◆ **AHI Events per Hour**  
AHI stands for **Apnea Hypopnea Index**. The AHI Events per Hour section displays an index of the calculated average number of apnea and hypopnea events per hour.
  - ◆ **Leak Summary**  
The Leak Summary section displays the average leakage, median leak, 90% leak in liters per hour, and 95% leak in liters per hour (L/h).

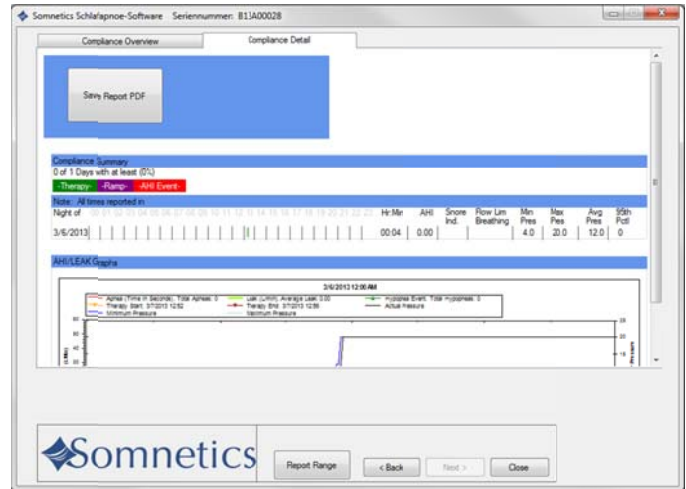
---

**Note** Some of the reporting may show up as N/A or disabled depending on Transcend device type.

**Note** Altitude change affects leakage and the Leak Summary section may report inaccurate results after a change in altitude. The unit self-adjusts after three days to the correct leakage rate.

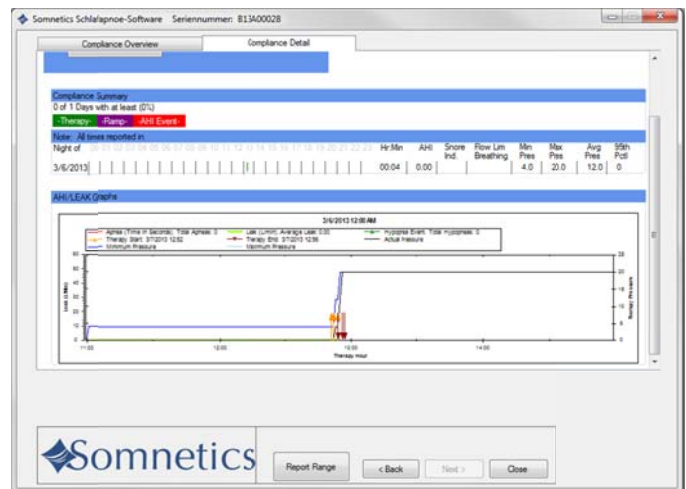
---

- Click the **Compliance Detail** tab to display detailed compliance information for the selected date range (Fig 3).



- Scroll down in the **Compliance Detail** screen to view a graph of each therapy session (Fig 4).

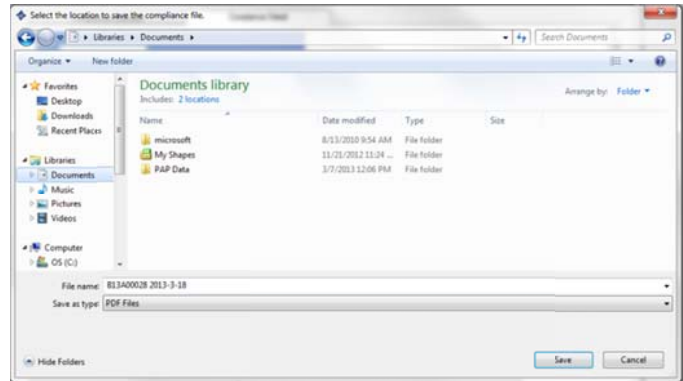
- ◆ Red lines indicate apneas; when they happened and how long they lasted.
- ◆ Dark green lines with triangles indicate occurrence of hypopneas.
- ◆ The black line indicates active pressure.
- ◆ The dark blue line indicates the minimum pressure setting and the light blue line indicates the maximum pressure setting.
- ◆ The light green line indicates leak in liters per minute.
- ◆ The orange line with the 'up' arrow indicates the start of therapy.
- ◆ The maroon line with the 'down' arrow indicates the end of therapy.



- To generate a PDF report of the compliance data, click **Save Report PDF**.

7. The program displays a **Save As** dialog box (Fig 5). The default file name is **<SerialNumber><Today'sDate>.pdf**.

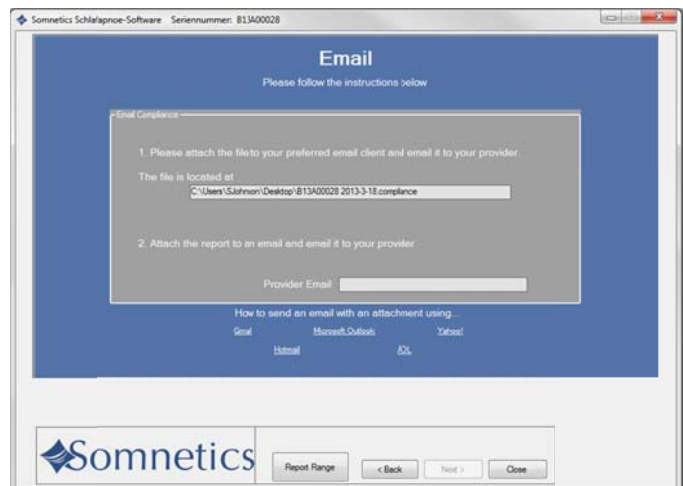
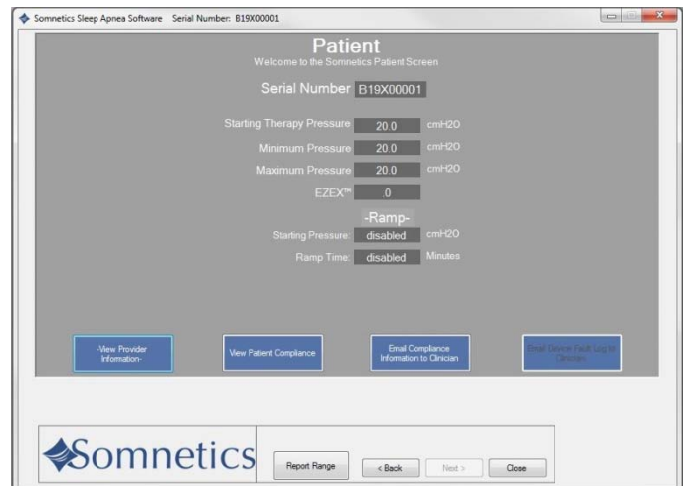
You may modify the file name in the **File name** field. The default storage location is **My Documents**. Use the controls on the dialog box to browse to your preferred location, then click **Save** to save the file and return to the **Compliance Detail** screen.



8. When you're finished, click **<Back** to return to the **Patient Settings** screen.

## Email compliance data to clinician

- In the **Patient Settings** screen, click **Email Compliance Information to Clinician** (Fig 1).
- The location of the compliance data file is in the address bar.
- Follow the instructions in the software to attach the file to an email and send to your clinician (Fig 2).

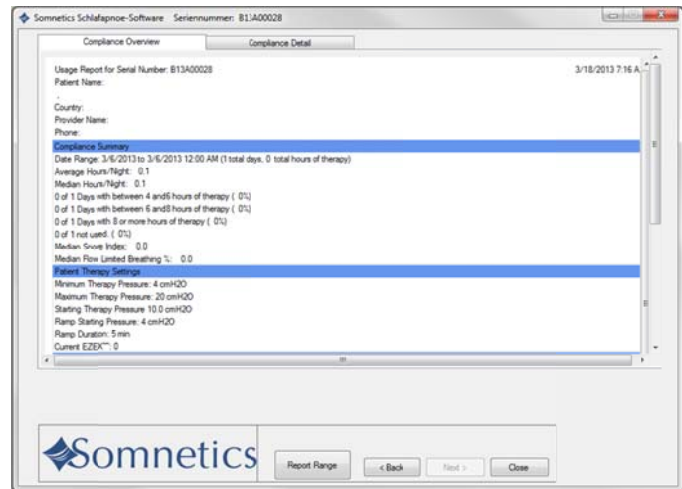




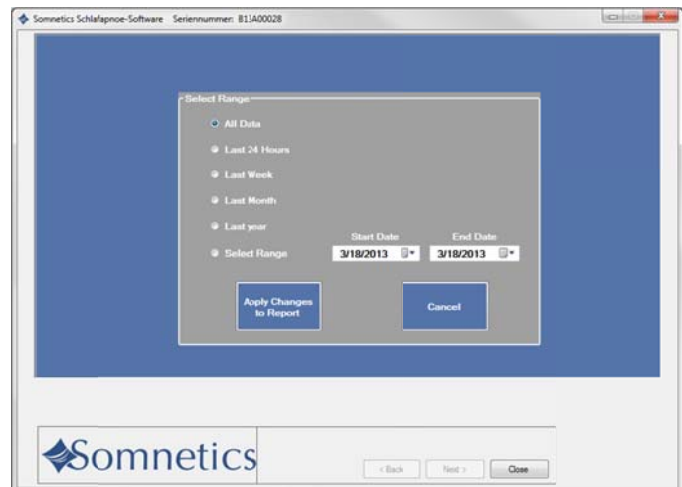
## Adjusting data in compliance reports

1. To change the date range of the compliance data report:
  - a. Go to the Compliance Overview screen and select Report Range (Fig 1).

**Note:** The Report Range button is also available on the Compliance Detail screen and on every screen during Patient Mode.



- b. You have the option of modifying the report to see all data, last 24 hours, last week, last month, last year, or select a custom date range (Fig 2).
  - c. Select your date range and click [Apply Changes to Report](#). Click [<Back](#) to view the updated report.



2. The compliance report defaults to an analysis of how many nights you have used the device for 4 hours, 4-6 hours, 6-8 hours and 8 or more hours. You have the ability to change the report hours. To adjust compliance report hours:
  - a. Go to the Welcome screen (Fig 3).

- b. Click [Set Report Hours](#) button (Fig 3).

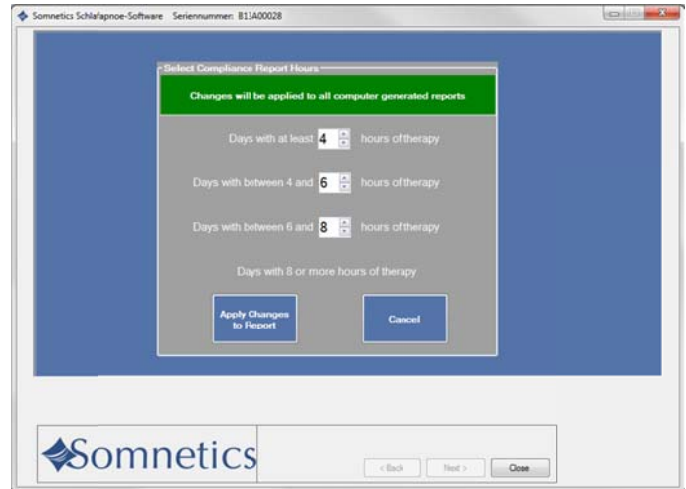


c. Select the hours that will be shown on the compliance report (Fig 4).

d. Click [Apply Changes to Report](#).

**Note:** Making changes to the compliance date range or the compliance report hours will apply to all reports in the software.

**Note:** Reports within the software will default to the last change made.



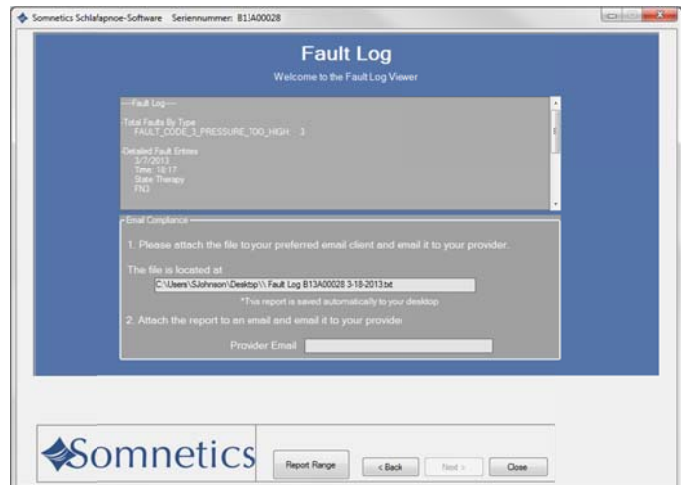
## View/send a device fault log

If faults have occurred on the device the program allows the user to view and send them to their clinician. Follow these steps to view and send the device fault log to your clinician:

1. On the **Patient** screen, click **Email Device Fault Log to Clinician** (Fig 1).



2. The program displays a **Fault Log** screen (Fig 2).
3. A copy is saved in the location referenced in the **Email Compliance** window.
4. Attach the fault log file to an email and send to your provider's email address. Follow the on-screen instructions for attaching and sending an email.

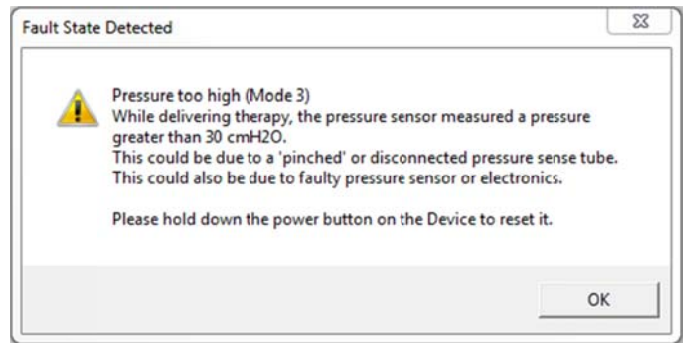


## Reset a device fault

When you launch the Sleep Apnea Therapy software and connect a device which is in a fault state, the program displays the fault message along with the fault information.

The fault message displayed is specific to the current fault state. Follow the instructions in the fault message for guidance.

Hold down the power button on the device to clear the fault. You may need to unplug the device from the computer, then plug it back in after the device is reset.

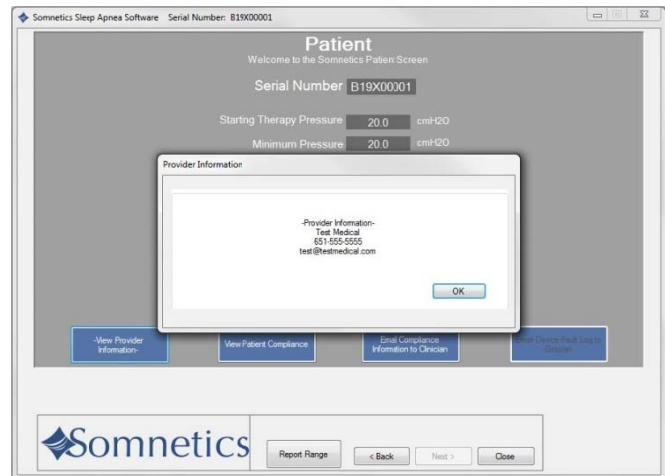


## View Provider Information

To view provider information:

On the [Patient](#) screen, click [View Provider Information](#) (Fig 1).

**Note:** If no device provider information has been entered by a clinician, this window will be blank.



## Exit the program

On the [Patient Settings](#) screen, click [Close](#) to exit the program.

Somnetics International, Inc.  
33 5th Avenue NW, Suite 500  
New Brighton, Minnesota 55112 USA

<http://www.mytranscend.com/>

Phone: 651.621.1800

Toll-free: 877-621-9626

Fax: 651.204.0064

Sleep Apnea Therapy Software User Manual

**REF** 103392 Rev C