Easy Compliance Lite Software

Multilingual version 3.4

Lite version is intended for patient use only; Some physician features are disabled.

Instructions for Use

Table of Contents

1	Introduction	1
2	Installing and Starting Software	1
3	Using the Software	5
3.1	New	5
3.2	Close	6
3.3	Save	7
3.4	Save As	8
3.5	Save Reports as PDF	8
3.6	Open	9
3.7	Print	. 10
3.8	Print Setup	. 14
3.9	Exit	. 14
3.10	Edit Patient Profile	. 15
3.11	Edit Clinical Details	. 15
3.12	Edit Patient Notes	. 16
3.13	Edit Phone-in Data	. 16
3.14	Using a miniSD or SD Card	. 18
3.15	Download via USB cable	. 19
3.16	Help	.23
3.17	Patient Profile Tab & Clinical Details Tab	. 24
3.18	Patient Notes Tab	. 25
3.19	Total Time Tab	. 25
3.20	Compliance Tab	. 26
3.21	Long Term Data	. 28

1 Introduction

The Easy Compliance Lite Software is compatible with Apex's CPAP System which is intended for the treatment of patients with Obstructive Sleep Apnea (OSA).

The Easy Compliance Lite Software is used with Windows[®] based PCs and allows you to download usage data collected by the Apex's CPAP device after treatment. The memory capacity in the Apex's CPAP system can hold up to 730 sessions of summary data.

In order to meet some FDA regulations, some features (mark with *) have been disabled in this version

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Date :		Bed Time :	*
Weight :		Average Sleep Hours :	File Edit View Download Settings Hele
Height:		Epworth Sloopiness Score(ESS) :	New Ctrl+
Neck Circamference :		Diagnostic AH :	Open Col+
Body Mana lades (EMI) :		Therapeutic AH :	Close
Dinod Pressure 1		Pressee Prescribed :	Save Ctrl+
Systalic :		Current Ramp Time :	Save As
Diantrolic		Nesk	Save Reports as PDF
Additional Notes :		Humiddler System :	* Export
			PrintCtrl+ Print Setup
		Lar	1 Demo file 2 CpepReader1 3 Mr Sleep Apnea 4 Demo

To ensure proper use of the software, please read all instructions prior to downloading data from the Apex's CPAP.

2 Installing and Starting Software

Preparations

- 1. Make sure your PC is running on Windows[®] based system. It will not run on Mac systems.
- 2. There are two steps to the software installation:
 - i. Download the Easy Compliance software from website.
 - ii. Install the USB drivers for the Apex's CPAP.

System requirements

Your computer must meet the following requirements:

- Available Windows[®] supported USB port (USB 2.0)
- Pentium-class processor; Pentium III 800-megaherz (MHz) or higher is recommended.
- Microsoft Windows[®] XP SP2, Windows[®] Vista SP1, or Windows[®] 7 (32 bit).
- 128 MB RAM.
- CD-ROM drive compatible with multimedia desktop computer specifications.

- 1024 x 768 or higher resolution VGA monitor.
- Minimum 100MB hard disk space for software and data.
- Internet Explorer 7 or greater

Steps to Install Easy Compliance software

- 1. Close all applications before installation.
- 2. Find the installation program and double-click it.
 - Install USB-to-Serial: PL2303 Driver

Note: Once this step is executed, PC will display the PL-2303 USB-to-Serial InstallShield WiZARD. It will guide you to complete the installation of the PL-2303 driver. If this driver has already been installed in your PC, just press "Cancel" button on the InstallShield WiZARD to skip this step.

- Install PDF creation: CutePDF Writer
- Install Easy Compliance Software

Note: Once this step is executed, PC will display the Setup WiZARD. Following the instructions will guide you to complete the installation of the Easy Compliance Software.

📸 Easy Compliance 3.4 Lite	Easy Compliance 3.4 Lite
Select Installation Folder	Welcome to the Easy Compliance 3.4 Lite Setup Wizard
The installer will install Easy Compliance 3.4 Lite to the following folder. To install in this folder, click "Next". To install to a different folder, enter it below or click "Browse". Eolder: C.\Program Files (x86)\Apex Medical\Easy Compliance 3.4 Lite\ Browse Disk Cost	The installer will guide you through the steps required to install Easy Compliance 3.4 Lite on your computer.
Install Easy Compliance 3.4 Lite for yourself, or for anyone who uses this computer:	WARNING: This computer program is protected by copyright law and international treaties. Unauthorized duplication or distribution of this program, or any portion of it, may result in severe civil or criminal penalties, and will be prosecuted to the maximum extent possible under the law.
1 Easy Compliance 3.4 Lite	Easy Compliance 3.4 Lite
Confirm Installation	Installation Complete
The installer is ready to install Easy Compliance 3.4 Lite on your computer.	Easy Compliance 3.4 Lite has been successfully installed.
Click "Next" to start the installation.	Click "Close" to exit.
Cancel < Back Next >	Cancel < Back Close

In the "Destination folder" box, you can type in a directory path or press the "Browse" button to establish a folder and path on your hard disc that will contain the software. The default path is "C:\Program Files\Apex Medical\Easy Compliance 3.4 Lite\". Press the "Next" button to complete the installation. Once the installation process is complete, click "Close" button to exit the program.

Install Software

The software icon in the folder where you installed the software and also on the desktop.

Installing the USB drivers for Apex's CPAP

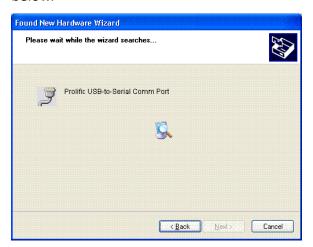
The USB driver should be installed automatically after the setup program is completed. For the first time to connect the device to PC with the USB cable, the message box below may appear. Found New Hardware WiZARD starts when Windows finish searching for the new hardware. Windows will ask you if it can connect to Windows Update to search for software. Select "Yes, this time only" then click "Next".



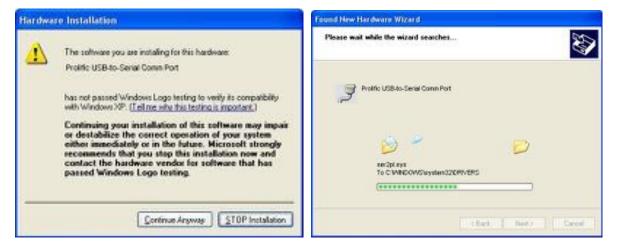
When the window below appears, select "Install the software automatically {Recommended}" then click "Next".



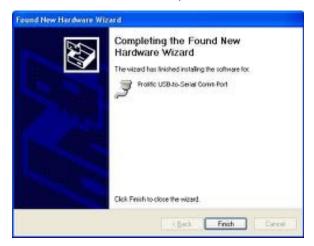
The Found New Hardware WiZARD will start to search the hardware and show window below.



During the search process, there may appear the warning message window below, click "Continue Anyway" to continue installation. The driver installation starts.



Click "Finish" to complete the installation. Now you can download the data via USB Cable.



Note: Some systems may need to restart the computer to complete the installation of the driver.

Starting the software

To use the software, double-click on the software icon **Solution**. A new file will be displayed, and all software functions can be accessed.

3 Using the Software

3.1 New

If you would like to create a file for a new patient, click the "New" Toolbar button or click "File" on the Menu Bar and then select the "New" item from the drop-down menu. Note that when you first start the software, the screen will already have a blank patient profile available (no need to press the "New" button).

Edit View Download	Settings Help
New	Ctrl+N
Open	Col+O
Close	
Save	Ctrl+5
Save As	
Save Reports as PDF	
Export	
Print_	Ctrl+P
Print Setup	
1 Demo file	
2 CpapReader1	
3 Mr Sleep Apnea	
4 Demo	
Exit	

File - > New

Note: Before downloading new user data, it is necessary to have a patient file open first (create a new file, open an existing file or have a blank profile on the screen). Otherwise, the download function will fail.

ቴ 🗣 🗎 🐨 🏛 🐨 🚳	0 8 8	
	t Dan Tipdan	Device Brast Apen Medical Device Model: 327 series - CB series
Name :	Physician (
	Sloop Lab :	
() Ba	Equipment Provider :	
Chart NO. :	Insurance Company :	
Sea :		
Date of Birth :		
Ethnic Cologory :		
Address		
Phone So. Plorent) :		
Phane No.(Office) :		
Cell Phone :		
		Las

New File

When you open a new file, the main window with empty patient record will pop up. The functions of the various parts of the main window are described below:

Patient Record

There are seven tabs in patient record to present the data of patient profile, clinical details, patient notes, total usage time, compliance usage time, detail and long term report.

<u>Menus</u>

From the menus user can perform several functions to load/save file, edit patient record, download data from CPAP device, and see help file.

<u>Toolbar</u>

Users also can quickly perform the functions of menu by clicking 11 icons.



Icon meaning

3.2 Close

If you would like to close the current patient file, click "File" on the Menu Bar and select the "Close" item.

ile	Edit View Download	Settings Help
	New	Ctrl+N
	Open	Ctrl+C
	Close	
	Save	Ctrl+9
	Save As	
	Save Reports as PDF	
	Export	
	Print	Ctrl+F
	Print Setup	
	1 Demo file	
	2 CpapReader1	
	3 Mr Sleep Apnea	
	4 Demo	
	Exit	

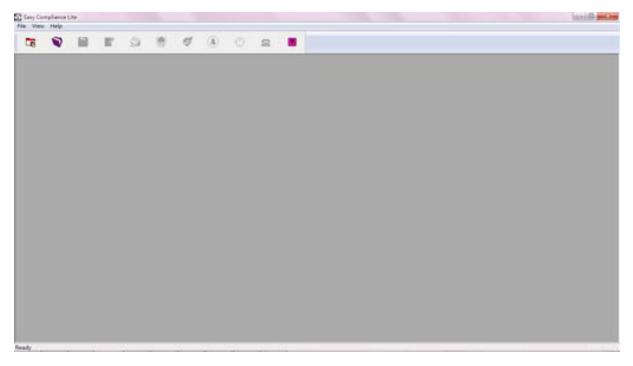
File - > Close

Once you execute this function, the current window will be closed and you will be asked to confirm whether you would like to save the current data or not. It is recommended that you save data before closing the patient file.

CpapRea	der				X
?	Save	changes to	CpapRea	ider1?	
Yes		No		Cancel	٦

Confirmation during the Close function

After closing the patient file, the main window will be displayed.



Main Window

3.3 Save

If you would like to save the current data to the hard disk, click "File" from the Menu Bar and then select the "Save" item. You can also press the "Save" Toolbar button.

File	Edit View Download	Settings Help
	New	Ctrl+N
	Open	Ctrl+O
	Close	
	Save	Ctrl+S
	Save As	
	Save Reports as PDF	
	Export	
	Print	Ctrl+P
	Print Setup	
	1 Demo file	
	2 CpapReader1	
	3 Mr Sleep Apnea	
	4 Demo	
	Exit	

File - > Save

3.4 Save As

Click "File" from the Menu Bar and then click "Save As" to the save data to another file.

File	Edit View Download	Settings	Help
	New		Ctrl+N
	Open		Ctrl+O
	Close		
	Save		Ctrl+S
	Save As		
	Save Reports as PDF		
	Export		
	Print		Ctrl+P
	Print Setup		
	1 Demo file		
	2 CpapReader1		
	3 Mr Sleep Apnea		
	4 Demo		
	Exit		

File - > Save As

To save the current data to a different filename, type a new name into the "File name" box and click the "Save" button.



"Save As" window

3.5 Save Reports as PDF

If you would like to save usage data reports as an electronic file, click on "File" from the Menu Bar and then "Save Reports as PDF". All the usage data during the selected period will be converted into a PDF file.

Edit View Download	Settings Help
New	Ctrl+N
Open	Ctrl+O
Close	
Save	Ctrl+S
Save As	
Save Reports as PDF	
Export	
Print	Ctrl+P
Print Setup	
1 Demo file	
2 CpapReader1	
3 Mr Sleep Apnea	
4 Demo	
Exit	

File - > Save Reports as PDF

3.6 Open

If you would like to open an existing file, click "File" from the Menu Bar and then select the "Open" item. You can also press the "Open" Toolbar button.

le Edit View Dow	
New	Ctrl+N
Open	Ctrl+O
Close	
Save	Ctrl+S
Save As	
Save Reports as PD	F
Export	
Print	Ctrl+P
Print Setup	
1 Demo file	
2 CpapReader1	
3 Mr Sleep Apnea	
4 Demo	
Exit	

File - > Open

- 1. When you select the "Open" item, the Open dialog box will appear.
- 2. Search for your file (with .paf extension) in the dialogue box and select it by double clicking on it.
- 3. By default, the Main Window will display the Patient Profile screen for the selected patient data.

3.7 Print

If you would like to print the current window, click on "File" from the Menu Bar and then "Print". You can also press the "Print" Toolbar button.

File	Edit View Download	Settings	Help
	New		Ctrl+N
	Open		Ctrl+O
	Close		
	Save		Ctrl+S
	Save As		
	Save Reports as PDF		
	Export		
	Print		Ctrl+P
	Print Setup		
	1 Demo file		
	2 CpapReader1		
	3 Mr Sleep Apnea		
	4 Demo		
	Exit		

File - > Print

When you select the "Print" function, a dialog box appears allowing you to select the reports to be printed. You can choose to preview the content before printing or to convert the report to a PDF file.

nt Report	
Report Type	ОК
Summary	Cancel
Compliance Time	
Long Term Trend	
☑ Print preview before printing	
Print to PDF file	

Report Type

XT series / iCH series Report @ 2013-04-15 ID No. 12345678 / Sleep Apnea

Summary Report

Date :

	P	atient Profile	
Namo :	Sleep Apnea	Address :	XXXX
ID No :	12345678		YYY
Chart NO. :			ZZZ 123 AAA
Sex :	Male	Ethnic Category :	
Date of Birth :	11	Physician :	
Phone No.(Home) :		Sleep Lab :	Sleep Lab
Phone No.(Office) :		Equipment Provider :	APEX
Cell Phone :		Insurance Company :	
	C	inical Details	
Weight :	85 kg	Epworth Sleepiness Score(ESSI :
Height :	175 cm	Diagnostic AHI :	40 event/hr
Neck Circumference :	40 cm	Therapeutic AHI :	5 event/hr
Body Mass Index (BMI) :	27.8	Pressure Prescribed :	10 cmH2O
Blood Pressure :	mmHg / mmHg	Current Ramp Time :	5 min
Bed Time :	23.30	Mask :	WIZARD
Average Sleep Hours : Additional Notes :	6 hr	Humidifier System :	

		Patient Notes	
NO.	Date and Time	Notes (80 characters per line)	
t :	1		
l	0		
· · · ·	· · · · · · · · · · · · · · · · · · ·		

15		Com	pliance Lime	<u>. </u>
Selected Period >= Total days :		10/02/21 = 2010/06/20 8 dayls)	Compliance (With Usage) Total Compliance Hour(s):	409.9
	Writh Liviege	Without Usage	Average Compliance(h/d) :	6.5
Number of Days	62	- 00	Min Compliance (h/d)	2.4
%. Avenage/Period :	11.75	48.8%	Max Compliance (Ivid) :	9.0
	-		Selected Pariod >= 0 fr (IVd) : % of Utilization Days == 0 fr (h/d) :	63-56y(s) 100.0%

0	Effici	acy Statistics		
Average AHT :	6.12	Mode	CPAP	APAP
Avarage Pressure :	7.6 omH2O	Natiber of Usage Days	0	124
Average 90th Percentile Pressure :	7.7 cmH2O	Last Pressure Setting:		MnP:4.0
Average Leak :	39.8 (pm	(cami#42/05)	1000	Max P: 8.0
Average Time with Large Leak :	0.5 min	Last PVA Level	OFF	OFF
영상 집에 집에 있는 것은 것은 같은 것이다.		Average PVA Level	OFF	OFF

Signation :

Date :

Summary Report

ID No. 12345678 / Sleep Apnea

Compliance Time Usage Profile Range Compliance Time 21 (0.5 (0.5) 20 (0.5 (0.5) 10 (0.5 (0.5) 10 (0.5 (0.5) 17 (0.5 (0.5) 17 (0.5 (0.5) 42 h (11 m 1 22 5 27 5 50 2 26 5 27 5 16 56 2 26 5 26 56 2 26 5 26 56 2 26 5 26 56 2 26 5 26 56 2 26 5 26 56 2 26 5 26 56 2 26 5 26 56 2 26 5 26 56 2 2 5 5 56 2 2 56 2 2 56 2 5 1 100 h (00 m 100 h (00 m 100 h (00 m) 100 h (00 m) 27 (第五-42) 27 (第五-42) 27 (第五-43) 27 (第五-43) 28 (\$1,1 ۰

Compliance Time Report, with limited 90 days of data

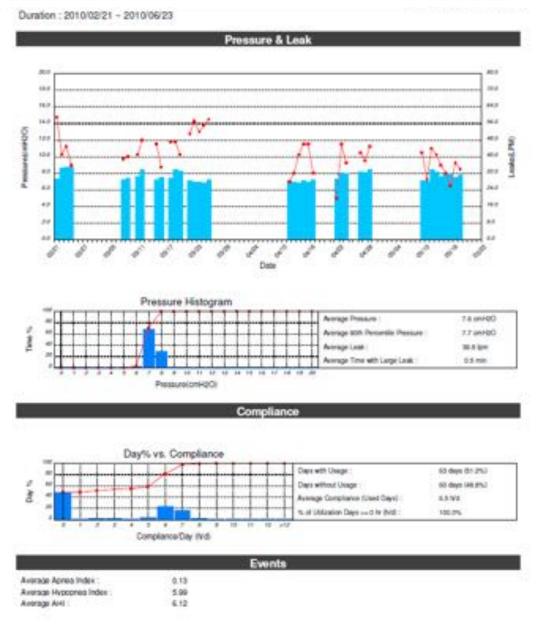
Duration (N)

Hour

XT series / iCH series Report @ 2013-04-15

Long Term Trend

ID No. 12345678 / Sleep Apnea



Long Term Trend Report, with limited 90 days of data shown in the pressure graph

3.8 Print Setup

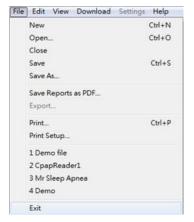
If you would like to adjust the printing options, go to "File" (Menu Bar) -> "Print Setup". You can adjust paper size, printer, landscape etc.

Edit View Download	Settings Help
New	Ctrl+N
Open	Ctrl+O
Close	
Save	Ctrl+S
Save As	
Save Reports as PDF	
Export	
Print	Ctrl+P
Print Setup	
1 Demo file	
2 CpapReader1	
3 Mr Sleep Apnea	
4 Demo	
Exit	

File - > Print Setup

3.9 Exit

If you would like to exit the Easy Compliance software, go to "File" (on Menu Bar) -> Exit.



File - > Exit

When you exit the software, you will be asked to confirm whether you would like to save the current data or not. It is recommended you save all data before exiting.

CpapReader		×
Sav	e changes to Cp	papReader1?
Yes	No	Cancel

Confirmation window while exiting the software

3.10 Edit Patient Profile

If you would like to edit the patient profile data, click on "Edit" from the Toolbar buttons and then select the "Patient Profile" tab towards the top of the "Patient Information" window. A patient profile edit window will then display. Simply fill in or update the appropriate information and click the "OK" button.



Edit - > Patient Profile

Patient Profile Clinical Det			
Furst Name	Lert Name	ID No.	Chart No.
1			
Street and Number		Town/City	
State or Province	Zip or Postel Code	Country	
Telephone	Date of Birth	Physician	
Home	Yeaz Month Day	Sleep Lab	
Office	Sex		
Cellular Phone	Male O Female	Equipment Provi	der
	Ethnic Category	Insurance Compe	aay

Edit Patient Profile

3.11 Edit Clinical Details

If you would like to edit the clinical data for the patient, click on "Edit" from the Toolbar buttons and then select the "Clinical Data" tab towards the top of the window. Simply fill in or update the appropriate information and click the "OK" button.



Edit -> Clinical Details

lectTud # Mrts ⊂ Jagetel	Zyskie Danile	Bed Tase Average Deep None
# Meter C Depend		Array Dep News
soumanak		
	Crasest Presman Setting	Epworth Despisers Joon (\$22)
Wegld State Brack Cantadonace ISC can	(i) califi Constitution for (ii) same Mak	Degente ARI Desperte ARI eventer evente
ndy Main Jahrer (BMD)	Broad lifer Zyrikov	Addread Steer

Edit Clinical Details

3.12 Edit Patient Notes

You can also add or edit the Patients Notes. When the Edit Patient Notes screen appears, click on any of the available 20 lines that you want to enter data for. The maximum number of Patient Notes is 20.

t Natur : Natur : No		Start Dav Last Updav	Device Brand: Apex Modical Device Model: NT series / KII series	
NO.	Date and Time	N	ten (80 characters per live)	10
1				
2				
3				
4				
5				
6				
1				
8				
9				
10				
- 11				
12				
12				
14				
15				
116				
17				
18				
19				1
				Clear All

Edit Patient Notes

3.13 Edit Phone-in Data

If you would like to edit the phone-in data, click on "Edit" from the Toolbar buttons and then select the "Phone-in Data" tab towards the top of the window. A phone-in data edit window will then display. Simply fill in or update the appropriate information and click the "Print" button.

Ed	it View Download Set
	Patient Profile
	Clinical Details
	Patient Notes
	Phone-in Data

Edit -> Phone-in Data

ChaP Model	•	CHAP Model O XT Fit # 10+iHvar Usage Period	e/kulo
Start Time : 2015/05/05 Period End Time : 2015/05/05	: 1 day(s) Tree Edit	End Time 1 Period: © 1.Day: © 7.Days	C 30 Days C 90 Days
Total Heter : Compliance Heter : Session Counter (>4x) : Check Value :	hour(s) hour(s)	Usage Hours : Average Compliance Hours : Days > Altris : Average AHC : Average Pressure : Average Leak : Check Yake :	hour(j) hour(j) /day day(j) use(j) gan
Pet	Canol	Oreck Value :	

Edit Phone-in Data

Report @ 2014-05-09

ID No. /

Summary Report (Simple Format)

Date 1

	Patient Profile	
Name :	Address :	
ID No :		
Charl NO. :		
Sex :	Ethnic Category :	
Date of Birth :	Physician ;	
Phone No.(Home)	Sleep Lab	
Phone No (Office)	Equipment Provider :	
Cell Phone :	Insurance Company :	
	Clinical Details	
Weight :	Epworth Skeptness Score(ESS) :	
Height :	Diagnostic AHE :	
Neck Circumference	Therapeutic AHE :	
Body Mass Index (BMI) : Blood Pressure : /	Pressure Prescribed Current Ramp Time	
Ged Time :	Mask :	
Contract a second contract of the second sec	Humidifier System	
Average Sleep Hours		

Patient Notes				
Date and Time	Notes (80 characters per line)			
		() ()		
	Calle and Time	Date and Time Notes (80 characters per tire)		

Selected Period : Total days : Total Compliance Hour(s) : Session Counter ()-(hr); Compliance Time

2014/05/09 - 2014/05/09 1 day(t) 4.2 0

September

Date

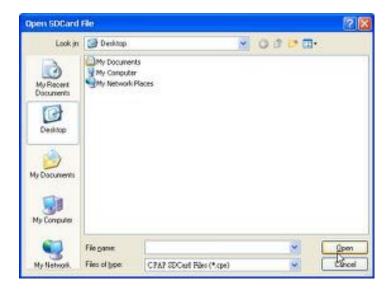
Summary Report of Phone-in Data

3.14 Using a miniSD or SD Card

The patient can use the miniSD or SD card to backup the most recent compliance data in the Apex's CPAP system (for some models). Once the data is backed up, the patient will send the miniSD or SD card to you and the compliance data can be retrieved and analyzed using the Easy Compliance software.

Insert the miniSD or SD card to the card reader connected to your PC. Click the "Card" icon to open the files saved in the miniSD or SD card. The files of type is "CPAP SDCard Files (*.cpe) or APAP SDCard Files (*.ape).







3.15 Download via USB cable

This section describes how to download data from the Apex's CPAP to your PC.

To download data, there are three steps to follow -

Step1. Connect Apex's CPAP device to your computer with USB cable.

Step2. Start the software and establish an internal connection (between the CPAP system and PC).

Step3. Download data.

Each step is described in detail below.

Step1: Connect Apex's CPAP device to your computer with USB cable.

- 1-1. Plug the power cord into the power socket of the Apex's CPAP device. Plug the other end of the cord into a wall outlet. Keep the CPAP system in Standby mode (no airflow). Download will fail if the device is providing airflow.
- 1-2. Connect the Apex's CPAP device to your computer using the USB cable supplied in package. The Mini-USB end (the smaller end) is for the CPAP system and the standard USB end (the larger end) is for the computer.
- 1-3. Start the software on the PC by double-clicking on the icon 🔛 in the software directory.

Step2: Start the software and establish an internal connection (between CPAP system and PC).

Aside from the physical cable connections, it is necessary to establish another internal connection between the two devices, which is done through the PC's Serial Ports (not to be mistaken for the physical Serial connectors).

In most cases, you can have the software automatically establish these connections as follows:

- 2-1. Click on the "Download" item in the Menu Bar and select the "COM port Auto Connect" item.
- 2-2. The Software will automatically detect an appropriate connection for you.
- 2-3. If the connection was established successfully, the message "Auto Connect Successful" will appear. Otherwise, the message "Auto Connect Fail" will appear.

Extract Data via COM Port
Extract Data via SDCard File
COM Port Auto Connect
COM Port Settings

Download / COM Port Auto Connect

CpapRe	ader	×
⚠	Auto Connect successfully	(COM4).
	ОК	

Auto Connect Successfully

CpapRe	ader 🔽
⚠	Auto Connect failed !
(ОК

Auto Connect Failed

-- PC fails to connect automatically --

If the internal connection to the CPAP system fails, check the following:

- Check if the power cord is securely attached to the Apex's CPAP device, and the CPAP device is in standby mode
- Check if the connecting cable is securely attached to the CPAP system and the computer.
- Check the USB driver on the PC. Go to the Device Manager in your system to determine the appropriate driver installation steps. Open the Device Manager (located in "Control Panel\System" then select the "Hardware" tab and click "Device Manger..."), and select "View > Devices by Type" to make sure the device you install is correctly displayed. The device appears as an additional COM port with the label "USB Serial Port". If you don't find an additional "USB Serial Port", try to reinstall the USB driver.

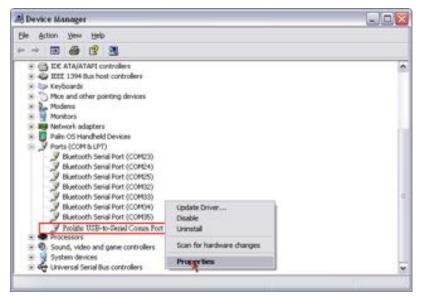
Manually set Connect setting

You can also manually set the connection setting but you must know the correct COM port number which Apex's CPAP device uses. Check Device Manager in your system to find the correct COM port number. Select "View > Devices by Type," and under "Ports (COM & LPT)," look for a USB Device with "Prolific USB Serial Port (COMn)." Note that n is the number of the COM port assigned to the Apex's CPAP device.

- 2-1. Go into "Control Panel">System and click the Device Manager button on the Hardware tab
- 2-2. Select the menu "COM & LPT," and find the COM port of "Prolific USB Serial Port (COMn)". Right mouse click (or double click) for the "Properties"
- 2-3. Select the Port Settings Tab. Click the Advanced button.
- 2-4. Manually set the COM Port number.
- 2-5. Go back to the menu bar of Easy Compliance and select correct COM port, and click "OK" button to confirm.

Syntem Res	ton Au	Inviato Updates	Rende
General	Computer Name	Hadvan	Advances
	Sec. 1		
Add Heebran			122
2 IN	Add Haldware Wilds	ard neight you inicially	rarpion
-			
Devk	e Manag	er Add Ha	dware lo/card
	1		
Division Milania			
District Links	(m)		
Kill In	Davice Manager In	the hadward	iver make
1 IN	Davics Manager In Kur computer, Use II	he Danke Manager	leven installed to charge the
1 IN	Davice Manager In	he Danke Manager	ivore installed to charge the
1 IN	Davics Manager In Kur congute. Use I	te Dece Manager	levese installed to charge the re Manager
	Device Manager In our conjuste: Use M antes d'any device Deve Signing	te Dece Manager	to charge the
Hardware Por	Device Manager In our conjuste. Use 9 anties of any device Dever Signing		to change the
	Device Manager In our computer. Use 9 anties of any device Dever Signing One dware profiles poold		to change the
	Device Manager In our conjuste. Use 9 anties of any device Dever Signing		to change the
	Device Manager In our computer. Use 9 anties of any device Dever Signing One dware profiles poold	te Deriv	to change the
	Device Manager In our computer. Use 9 anties of any device Dever Signing One dware profiles poold	te Deriv	to change the

Click "Device Manager"



Select "COM & LPT" and find "Prolific USB Serial Port". Right mouse click (or double click) for the "Properties".

Bits per second: 9600 v Data bits: 8 v Party: Nore v Stop bits: 1 v Reve control: Nore v Advanced. Restors Defaults	ieneral Port Sette	101 Driver Details	Resources	
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Party: None M Stop bits: 1 M Row control: None M		Bits per second	9600	v
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Flow control: None		Party:	None	×
		Stop bits:	1	×
Advanced		Flew control:	None	
		- 10	vanced	Restore Defaults

Select the Port Settings Tab. Click the Advanced button

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Select lover settings to	correct connection problems.			1	Carvo
Select higher settings fo	x late pelomance			1	
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() Transmit Buffer (Love())		0	High (16)	(16)	

Manually set the COM Port number

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COM Po	ort <u>A</u> uto Co	onnect
COM Po	ort Settings	

ection		OK
	~	Cancel
COM4		
	COM2 COM3 COM5 COM5 COM5 COM7 COM8	COM1 COM2 COM2 COM5 COM5 COM5 COM5 COM7

Set COM port

Step3: Start to Download

3-1. To download the patient data from Apex's CPAP device, click on "Download" from the Menu Bar and select the "Extract Data" function; the user's therapy data will be copied to your computer's memory (you can also click the "Download" Toolbar button).

Note that after a download, the data on the Apex's CPAP system will not be removed. Data in Apex's CPAP system can only be erased through the control panel on the device.

While downloading data, a progress indicator displays the percentage of data retrieved.

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	Extracting long term data
	Index number 1
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Down	loading 👔
Down	loading
Down	
Down	Download successfully complete.
Down	Download successfully complete. Index number 1

Download complete indicator

Once the data retrieval process has been completed, click "OK" and the Patient Profile screen will appear with the new information.

Software fails to download the data

If the connection to the CPAP Device fails, you will be informed by an error message. Please check the following:

- Check if the Apex's CPAP device is powered on and in standby mode.
- Check if the USB cable is secured at both ends.
- Check if the connection between CPAP device and the computer is established by following Step 2 described above.

To stop the download, simply press the Close button in the top right corner of the progress window.

Important: Every time you download data to an existing patient file, all existing usage data for that patient will be erased. So, if it is important to retain existing data, remember to save the existing data to another file before downloading new data. The other option is to ALWAYS save the data to a new file after downloading.

3.16 Help

To obtain help for the software, click on the "Help" Tool Bar button. The Help documentation will appear in PDF format.

3.17 Patient Profile Tab & Clinical Details Tab

General patient information can be viewed from two of the Information Tabs at the bottom of the main menu. This includes the "Patient Profile" and "Clinical Details" tab. Both tabs have an "Edit" Button in the lower right corner that you can press to access an "Edit" screen where you can modify/add information.

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			Sheep Lab (
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Cell Phone :					

Patient Profile View

Device Brand : Aper Modead Device Model XT series / KH series
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Epworth Sinepineus Score(ESS):
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Therapoutic AH :
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Current Ramp Time :
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14

Clinical Details View

3.18 Patient Notes Tab

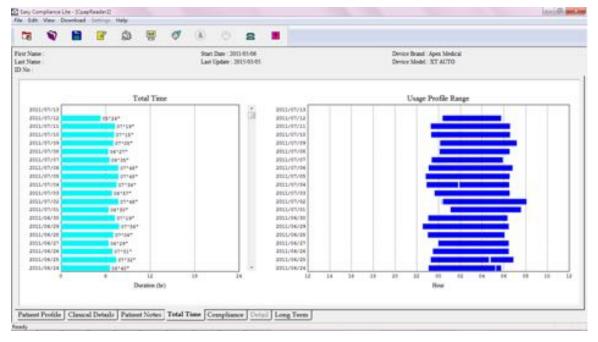
The Patients Notes tab is a simple way to attach your own notes to the current patient file. To view and edit the patient notes, go to "Edit" (Menu Bar) -> "Patient Notes". When the "Patient Notes" window appears, you can click on any of the line items where you can add or edit your notes. The maximum number of notes is 20.

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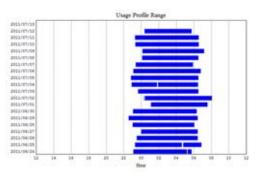
Patient Notes

3.19 Total Time Tab

Total Time Tab displays a general overview of the device operating records for each day. The Total Time data has two sections. The left panel is the cumulated operating time for the device which is defined as the time airflow is flowing through the tube (whether or not the patient has donned the mask). The right panel shows the times during the day that the device was operating.

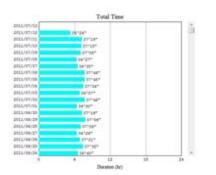


Total Time Tab



View of Usage Profile Range (right panel)

The Usage Profile Range (right panel) displays the time of day during which the device is running. A 24-hour period is shown as a horizontal bar, and starts at 12pm (noon) in order to capture one night on a continuous single line (since the devices is typically used at night).

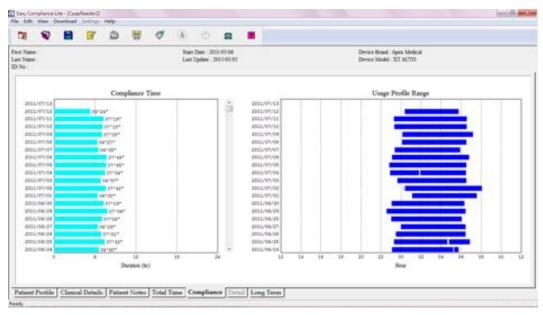


View of the cumulated daily device operating time

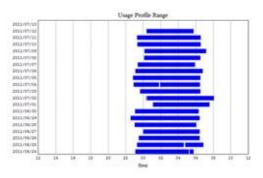
3.20 Compliance Tab

Compliance Tab displays an overview of the compliance records for each day. The Compliance tab is composed of two sections; the left panel is the cumulated daily compliance time recorded for each day; the right panel is the times during the day that the patient is receiving treatment.

Compliance time is the time that the device is delivering airflow AND the patient is wearing the mask.



Compliance Tab

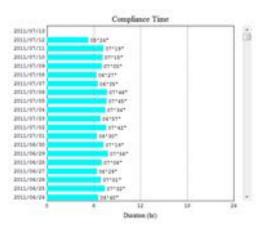


View of compliance usage profile range

The Compliance Usage Profile Range displays the times during the day where the patient is receiving treatment. A 24-hour period is shown as a horizontal bar and begins at 12pm in order to capture one night on a continuous single line.

- **Note**: In order to leave the patient enough time to settle into a relaxed state, the first 15 minutes of each session is not recorded by the Apex's CPAP device.
- **Note**: The compliance time and pressure data will be captured every 15-minute in the Apex's CPAP system and user may turn off the device by pressing "START/STANDBY" button on the device. If a usage session is ended up by low pressure auto-off function instead of normally turning off manually, the compliance record shorter than 15-minute session will NOT be shown on the compliance view even though it is stored in the device memory. Therefore, there might be a few minutes difference in the meter record between software and the device LCD.

There might be a slight discrepancy between the information on the Compliance tab and the data on the Apex's CPAP device. If, at the end of a usage session, there was a drop in pressure in the mask (mask slips off), the last few minutes of a 15-minute session may NOT show on the Compliance tab (though it is recorded on the CPAP device).



View of cumulated daily compliance time

3.21 Long Term Data

The Long Term data shows various statistical information regarding patient data. This tab is separated to two sections; the left panel is the daily pressure graph and right panel is the analysis data. The analysis data is composed of three pages which are Pressure, Compliance and Events.

<u>Time Edit</u>

To change the parameters for the Long Term data, you can click "Time Edit" button at the top-right of Long Term tab. And then an "Analysis Time Edit" window will display. Here, you can configure the select period and minimal compliance.

- Selected period: The time period will be covered in the long term data.
- Minimal Compliance: This is used to calculate the percentage of days that the user reached the "Minimum" hours of treatment

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Edit Analysis settings

<u>Pressure</u>

This page provides the information about average pressure & leakage.

- Used Pressure
- Average Pressure: The average pressure over the time period.
- Average 90th Percentile Pressure: The pressure that user is stayed equal or lower of it for 90% of the time.
- Average Leak: The average leak for the time period.
- Lowest Leak: The average lowest leak for the time period.
- Highest Leak: The average highest leak for the time period.
- Average Large Leak Time: The average time of large leak for any one day.
- Pressure Graph: Pressure graph is a histogram that displays the average pressure levels delivered on any particular a day.

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Long Term Data – Pressure

Compliance

This page provides the information about compliance.

- Used Days
- Number of Days: The total number of days the user used (Utilization) and did not use (No Utilization) the device.
- Average of Days/Week: The average of days per week the user used (Utilization) and did not use (No Utilization) the device.
- % Average/Period: The percentage of days with device usage and without device usage.
- Util Time (Utilization Time)
- Average Compliance: The average daily compliance time per day.
- Min. Compliance: The least amount compliance time for any one day.
- Max. Compliance: The most amount of compliance time for any one day.
- > Analysis

This section provides the information about the days that reach a minimum number of compliance hours. The minimum compliance hour is defined in Long Term \rightarrow Time Edit \rightarrow Minimal Compliance

- Selected Period >= x h/d: The number of days that reached a minimum number of compliance hours.
- % of Utilization Days days with usage >= x h/d: The percentage of days that reached a minimum number of compliance hours.

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Long Term Data – Compliance

Events

This page provides the information about total number or index (average events/hours) of detected events.

- AHI: The total number or index of apnea plus hypopnea.
- Apnea: The total number or index of apnea.
- Hypopnea: The total number or index of Hypopnea.
- Vibratory Snoring: The total number or index of snoring.

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Long Term Data – Events