

samaritan<sup>®</sup> PAD  
Saver EVO<sup>®</sup> User Instructions



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Saver EVO<sup>®</sup> 2015



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**English**  
**H013-001-400-2**

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## Saver EVO User Instructions

Saver EVO software allows you to retrieve defibrillation event data from your samaritan PAD. Saver EVO will also allow the management of event data that has been saved to the PC with respect to printing, importing, and exporting event data to other Saver and Saver EVO users.

### Download from Website

1. Go to <http://www.heartsine.com/support/system-updates> and click the Download link under "Saver EVO Software".
2. Run "SaverEVO\_setup.exe" to install Saver EVO. This will be identifiable by this icon:  Follow the on-screen installation instructions.
3. Read the user licence agreement. In order to install this software you must accept the terms of this agreement. To accept the terms, select "I accept the agreement" and click the "Next" button.
4. Saver EVO will be installed in its default location with its standard configuration. Click the "Next" button to accept. These default settings should not be altered unless you are an experienced computer user.
5. If asked about device driver certification, click the "Continue anyway" button.
6. On the final installation screen click "Finish". A new Saver EVO icon will be created on the desktop.

### Quick Instructions

To retrieve recorded defibrillation event data from the samaritan® PAD:

1. Connect the relevant device to the PC.
2. Open the Saver EVO software 
3. Click the button labelled samaritan PAD 
4. Click the button labelled PAD Data 
5. Click the required recorded event in the list.
6. Click the button labelled View. 
7. Click the button labelled Save and enter the patient information as required to save the event on the PC. 
8. If required, click the button labelled Print to print the event. 

## Using Saver EVO

The Saver EVO start screen is shown below:



samaritan PAD – Opens the menu for functions specific to the PAD. See page 6 for details.



Manage Saved Events – Opens the menu for functions specific to events saved to the PC. See Page 18 for details.



Exit Saver EVO – Exits the Saver EVO software.



Change Saver EVO Settings – Change the Saver EVO password and select language options. Also allows the user to view Saver EVO revision information and Saver EVO's UDI.

## Using Saver EVO with the samaritan PAD

To use Saver EVO with the samaritan PAD you need to have the USB data cable that was supplied with your samaritan PAD.

Use the USB data cable to connect the samaritan PAD to the USB port on your PC. Open the Saver EVO software.



Clicking the samaritan PAD button will open the window shown below:

### Saver EVO PAD access screen



**PAD Data** – Click on this button to retrieve event data from the PAD. See page 6 for details.



**Change PAD Settings** – Click on this button to run diagnostic tests or change the configuration (volume, language or time) on the samaritan PAD. See page 9 for details.



**Self Test Status** – Click this button to view and save details of Self Tests that have run on the samaritan PAD. See page 17 for details.



**Back** – Click on this button to return to the Saver EVO start screen.

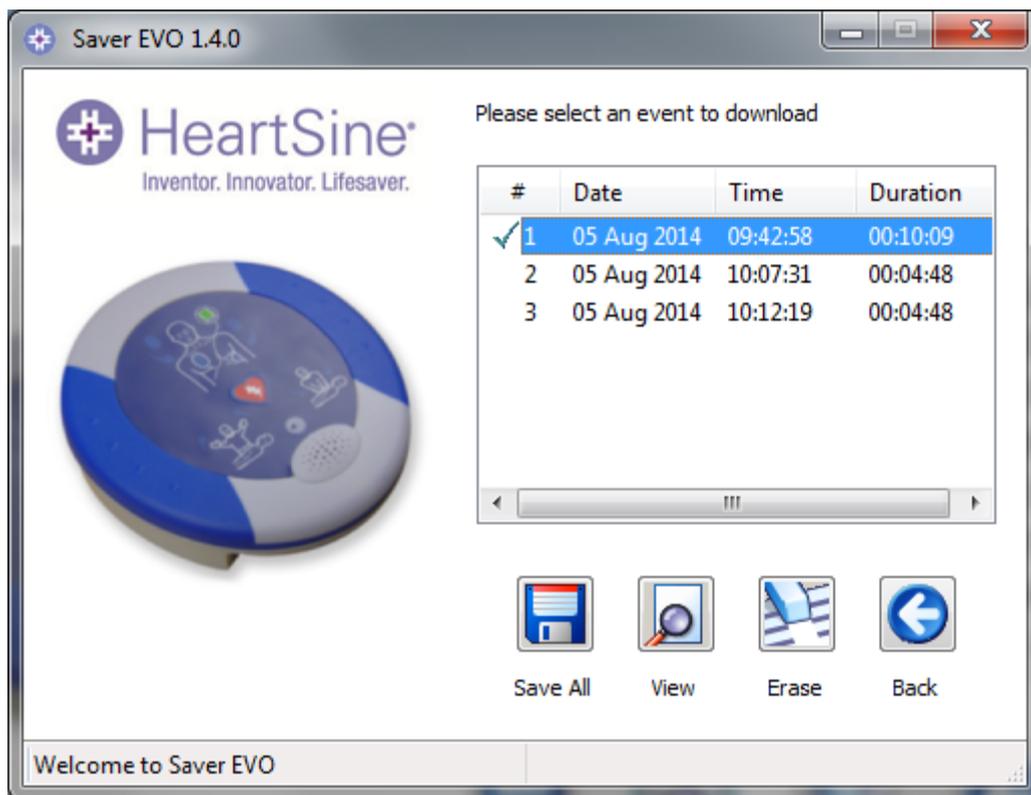
## Retrieving Event Data Information from the samaritan PAD



To retrieve defibrillation event data from the samaritan PAD ensure that your samaritan PAD is connected to the PC and then click the PAD Data button.

This will search the memory of the PAD and display all recorded events as shown below:

### Saver EVO PAD event log list screen



Events shown in green text with a ✓ symbol are events that have already been saved to the PC.



**Save All** – Clicking on the Save All button will cause all the events listed in the PAD event log to be saved to the PC in a single file.

*N.B. Events saved by this method cannot be retrieved for viewing by this version of Saver EVO. For retrieval of events from this file, contact HeartSine Technologies customer support. To save events individually for retrieval later please refer to the description of the “Save” function in Viewing Events on a samaritan PAD on page 8.*



**View** – Clicking on this button will cause the selected event to be displayed.



**Erase** – Clicking on this button will erase *all* events from the PAD event log. See page 9 for more detailed advice on erasing data.



**Back** – Click on this button to return to the Saver EVO PAD access screen.

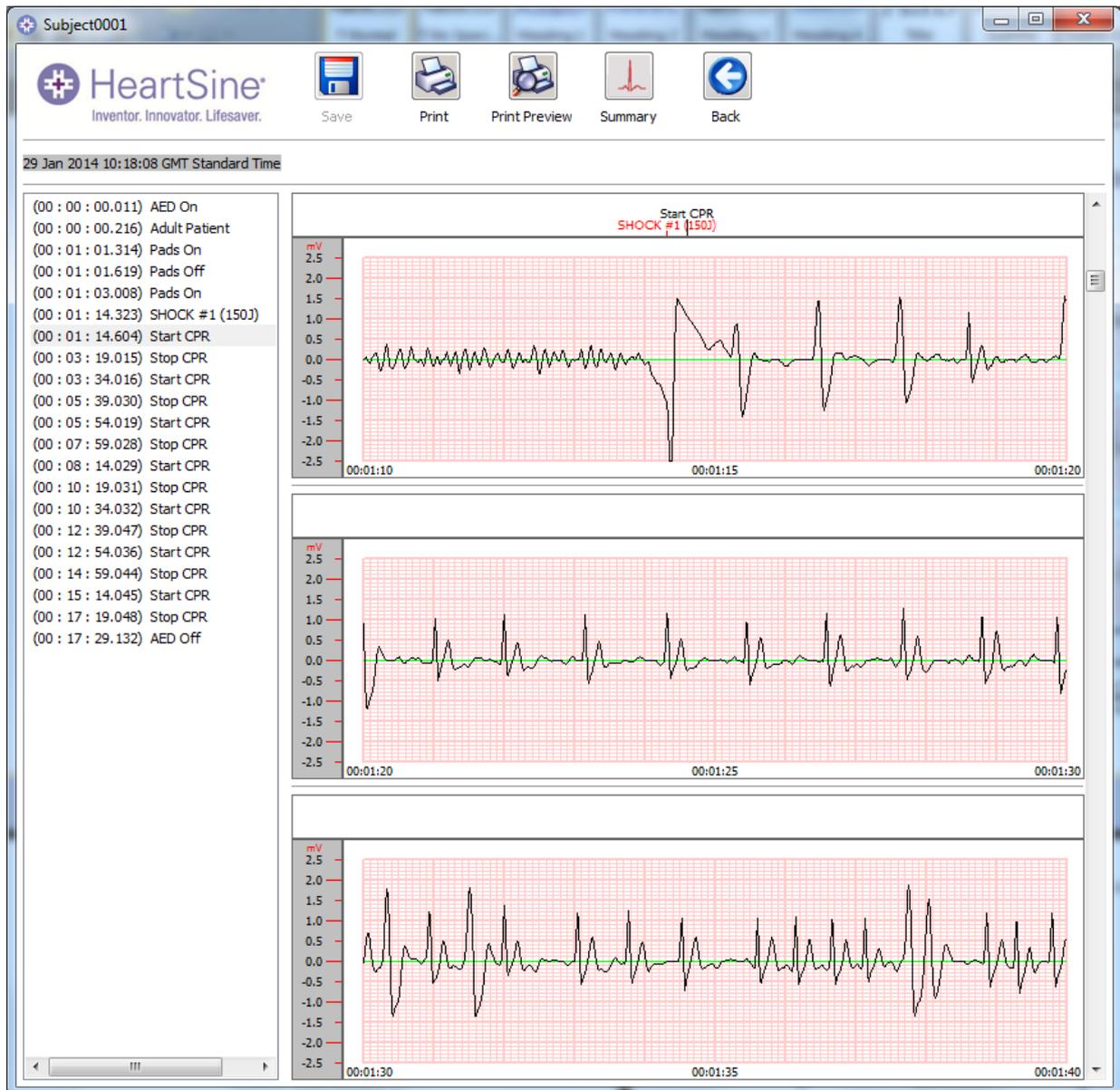
## Viewing Events on a samaritan PAD



To view an event, highlight the event in the list and then click the View button.

This will display the defibrillation event with the ECG trace and the event log in a single viewing window.

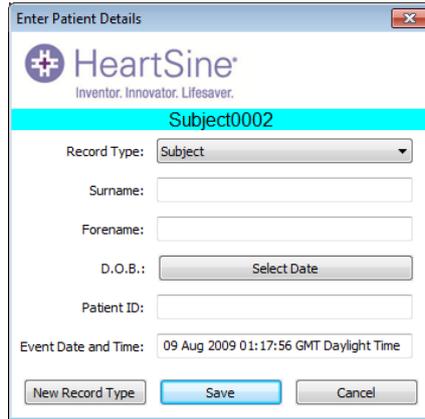
### The Saver EVO PAD event viewer window



You can now choose to save this displayed event to the PC by clicking the Save button.

Events saved in this way can be retrieved and viewed in Saver EVO. This provides options to enter information to be able to identify the patient from the list of saved events on the PC. The details about the patient can consist of alphanumeric characters and each field can be completed or left blank if desired.

## The Saver EVO PAD Patient details window



**N.B. Once the defibrillation event data is saved to your PC this information cannot be changed.**

The Saver EVO event View window also provides the following buttons:



Print – Click on this button to print the event currently displayed in the view window.



Print Preview – Clicking on this button will cause a preview of the printed data to be displayed on screen.



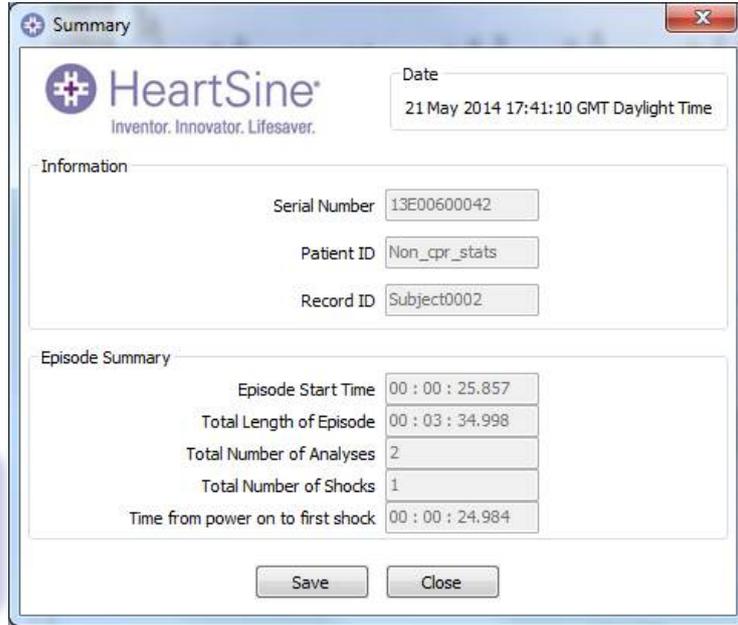
Summary – Click this button to view and save details of arrhythmia and CPR episodes  
(See page 10)



Back – Click on this button to return to the Saver EVO PAD event log list screen.

## Saver EVO event summary

The summary will display the following event information for all samaritan PAD devices:



The screenshot shows a 'Summary' window with the following fields:

- Date:** 21 May 2014 17:41:10 GMT Daylight Time
- Information:**
  - Serial Number: 13E00600042
  - Patient ID: Non\_cpr\_stats
  - Record ID: Subject002
- Episode Summary:**
  - Episode Start Time: 00 : 00 : 25.857
  - Total Length of Episode: 00 : 03 : 34.998
  - Total Number of Analyses: 2
  - Total Number of Shocks: 1
  - Time from power on to first shock: 00 : 00 : 24.984

Buttons: Save, Close

Click the 'Save' button to save the data in a PDF document at a location of your choice.

If you are using a samaritan PAD 450P, the following additional CPR compression data will also be displayed:

No CPR (%)	0.00	— Percentage of CPR rate equal to 0 CPM
Slow CPR (%)	49.79	— Percentage of CPR rate below 100 CPM
Good CPR Speed (%)	49.38	— Percentage of CPR rate between 100 and 120 CPM
Fast CPR (%)	0.83	— Percentage of CPR rate above 120 CPM
Average Rate (CPM)	95.77	— Average CPM rate calculated for CPR episode
Compression Fraction (%)	100.00	— Percentage of time CPR was administered when advised

CPM refers to Compression per Minute

## Erasing Memory on a samaritan PAD



To erase the memory of a samaritan PAD click the Erase button.

As a caution Saver EVO will ask you to enter your password prior to the memory being erased. When the correct password is entered the memory of the samaritan PAD will be erased. For information on how to change the default password please see Changing the Password and Language in Saver EVO on page 21.

Caution: HeartSine recommend that you download the complete PAD memory prior to erasing it. This information should be stored safely for future reference.

**It is recommended that when event data is retrieved from the samaritan PAD and saved to the PC that the events should be erased from the memory of the PAD. This will ensure that the complete memory is available for recording the data from another defibrillation event.**

## Changing samaritan PAD Settings



The Change PAD settings button allows users to configure some features of the samaritan PAD as follows:

- Check/set PAD time
- Run diagnostic tests
- Edit PAD Configuration



Clicking the Change PAD Settings button will access the following screen:

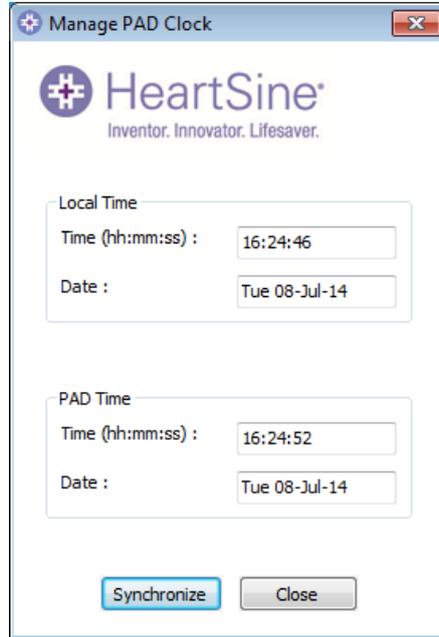
### Saver EVO Change PAD Settings Window





Check/Set PAD Time – set the time on the samaritan PAD to the same time as the PC to which it is connected.

## Saver EVO Check/Set PAD Time window



Manage PAD Clock

 **HeartSine**  
Inventor. Innovator. Lifesaver.

Local Time

Time (hh:mm:ss) : 16:24:46

Date : Tue 08-Jul-14

PAD Time

Time (hh:mm:ss) : 16:24:52

Date : Tue 08-Jul-14

Synchronize Close

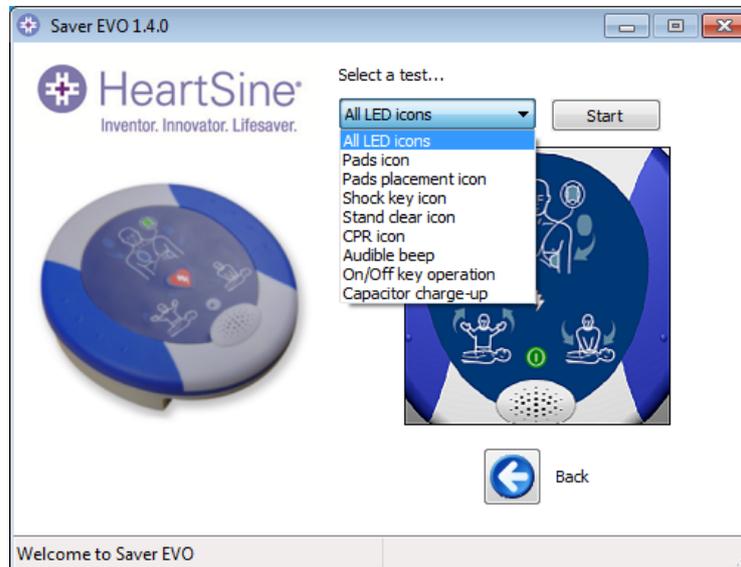
Clicking the Synchronise button will set the time on the samaritan PAD to the same time as the PC to which it is connected.

Click the Close button to return to the Saver EVO Change PAD Settings window.



Run Diagnostic Tests – This button allows the user to run some basic tests to check that their samaritan PAD is functioning. The list of available diagnostic tests is accessed from a “drop-down” menu as shown below.

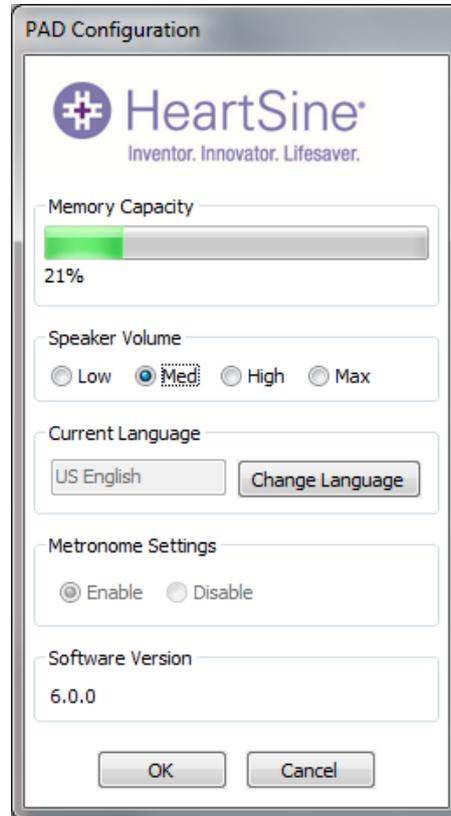
## Saver EVO PAD Diagnostic Tests window





Edit PAD Configuration – This allows you to view and modify various features of the configuration on your samaritan PAD device.

## Saver EVO Edit PAD Configuration Window



Memory Capacity	The amount of memory that has been used on your samaritan PAD. If your memory is full, you should save (page 8) and/or erase the events on your samaritan PAD (page 11).
Speaker Volume	View your current speaker volume and set your speaker volume to low, medium, high or maximum.
Current Language	Displays the current language programmed onto your samaritan PAD. How to change the PAD Language is described on the next page and how to change the language of Saver EVO is available on page 21.
Metronome Settings	Metronome can be enabled or disabled on your samaritan PAD except for 500P and 450P models where it is automatically enabled for the CPR assist functionality it offers.
Software Version	This indicates the software version that is installed on your samaritan PAD.

## To Change the PAD Language Settings

1. Click the Change Language button.

The PAD Language Selection window appears:



2. Select the language from the drop-down menu (the choice of languages may be limited to those that are programmed into the device and/or the country in which the device was purchased).
3. Click the Reprogram button.

You will be asked to confirm the language change (Yes/No).

4. If you clicked Yes, you must enter your password to continue.
5. Check that the confirmation window shown below is displayed. If this message is not displayed after the programming has completed, please contact your authorized HeartSine distributor or HeartSine directly.



(Optionally, you can also download the User Manual.)

6. Also check that the language has been set on the PAD by inserting a Pad-Pak, turning the device on and listening to the first messages.
  - Adult patient/Child patient
  - Call for medical assistance
7. When you are sure that the correct language has been installed on your device, you may then switch the device off.

## Viewing Self Test Status



Click the Self Test Status button to view details of self tests that have run on the samaritan PAD. The following details are displayed:

- The Date and Time of each self test.
- The Result of each self test. This may be:
  - 'Passed'
  - 'Warning'
  - 'Failed'
- The Temperature of the device at the time of the self test.
- A Description of the Result of the self test. This may be:
  - For 'Passed' results:
    - Self Test Passed
  - For 'Warning' results:
    - Temperature Fault
    - Configuration Fault
    - RTC Fault
    - Undefined Fault Code
  - For 'Failed' results:
    - Software Integrity Fault
    - Memory Fault
    - Capacitor Fault

If any 'Failed' results are logged for your device you should contact HeartSine support at: **support@heartsine.com**

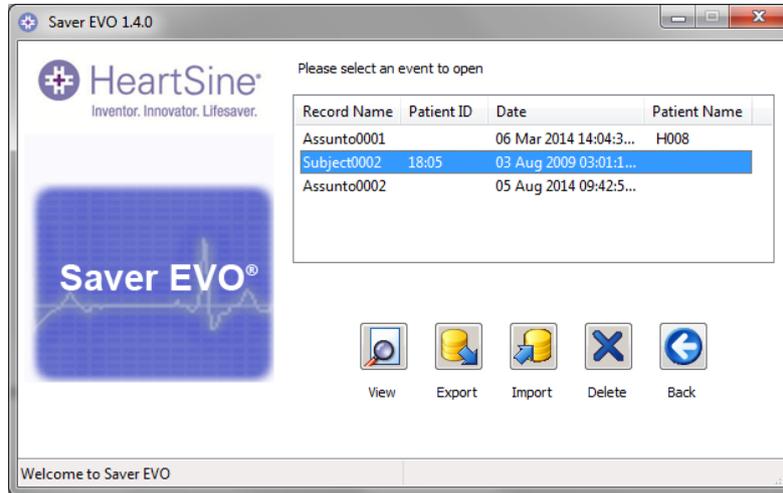
Click the Save button to save the data in a PDF document at a location of your choice.

## Using Saver EVO with Saved Events

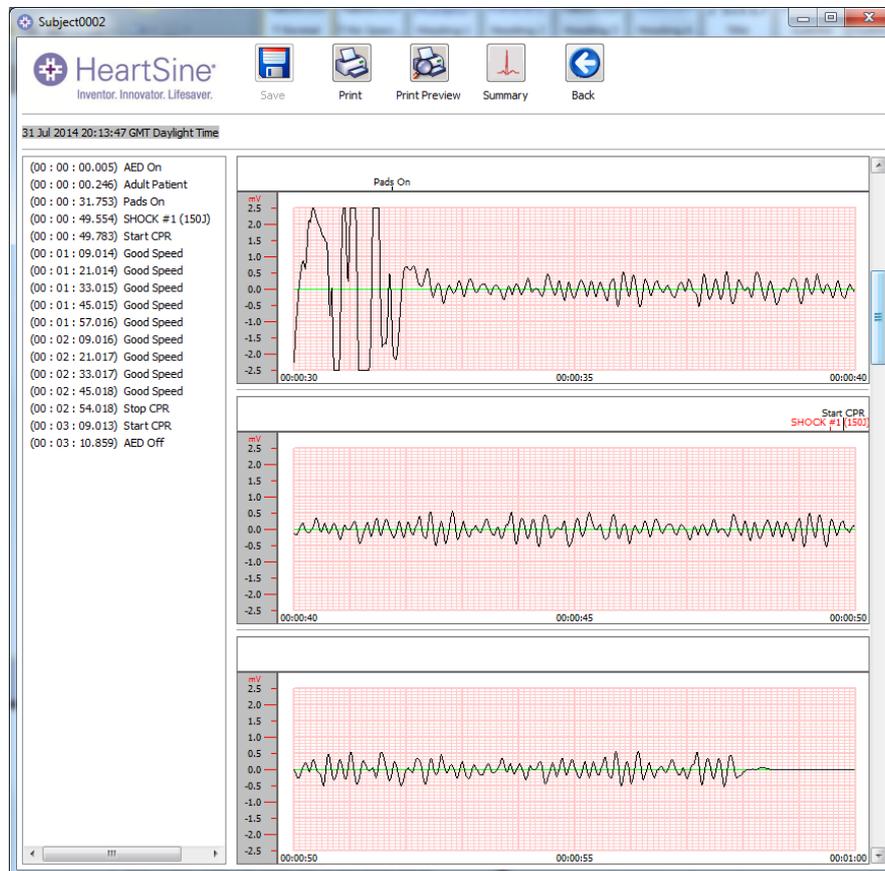


The Manage Saved Events button on the main screen of Saver EVO allows users to review event data that has been downloaded from the samaritan PAD and saved to the computer.

Clicking this button will open a window as follows:



Highlighting an event in the list and clicking View will open the saved event to view the ECG data and event log. Any saved patient details will be displayed across the top of the screen and an ordered list of sub-events will be displayed on the left of the screen. (The sub-events available vary according to the model of samaritan PAD being used.)



To send or receive copies of saved events, use the Export and Import functions of Saver EVO.

## To Export Events



1. From the Manage Saved events screen highlight the event(s) that you wish to export and then click the Export button.
2. The PC will ask for a location on the computer where you wish to save the export file and also lets you choose a name for the exported file.
3. Click the Save button to save the file in the chosen location.
4. From the Manage Saved events screen highlight the event(s) that you wish to export and then click the Export button.
5. The PC will ask for a location on the computer where you wish to save the export file and also lets you choose a name for the exported file.
6. Click the Save button to save the file in the chosen location.

It is then possible to attach this file to an e-mail using your normal e-mail software and send the exported file to another user who has the Saver EVO software.

**Event data from Saver EVO can only be viewed by another Saver EVO user.**

## To Import Events

To import events and view these on your PC, the file that has been sent to you from another user of Saver or Saver EVO needs to be saved to a location on your PC.



1. From the Saver EVO Manage Saved Events screen click the Import button.
2. Browse to the location where the file was saved and click Open.
3. The records will be added to the list of Saver EVO files on your computer.

These can then be viewed by highlighting the event in the list and clicking the View button.

### To Delete Saved Events

Saved events can be deleted from your computer memory by Saver EVO. Events can be selected by highlighting the event(s) to be deleted (multiple events can be selected).



When you have confirmed that only the events you wish to delete have been selected click the Delete button.

As a precaution Saver EVO will ask you to enter your password prior to the events being deleted. When the correct password is entered the selected events will be deleted from your computer.

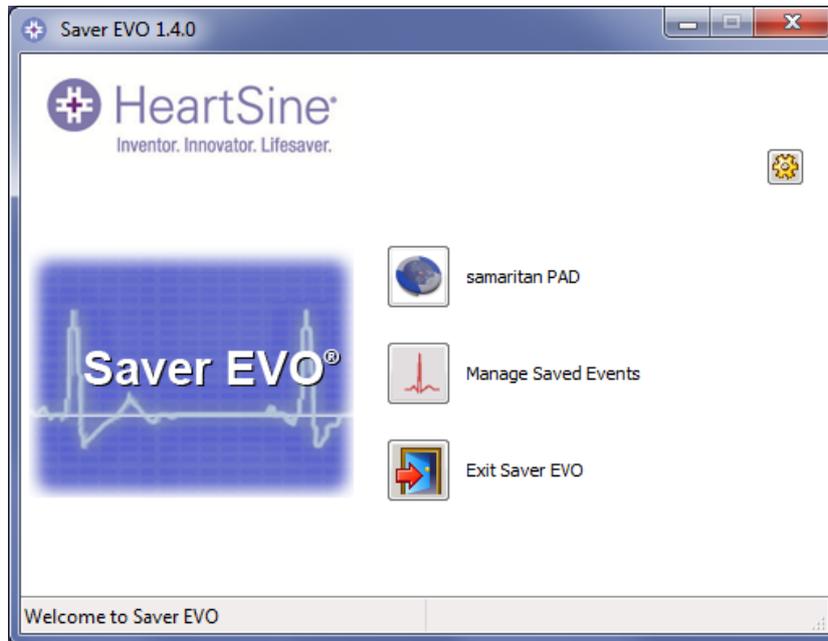
Caution: Please ensure that only the events you want to delete have been selected prior to deleting. Once deleted from your computer's memory events cannot be regenerated and all information will be lost.

## Changing the Password and Language in Saver EVO

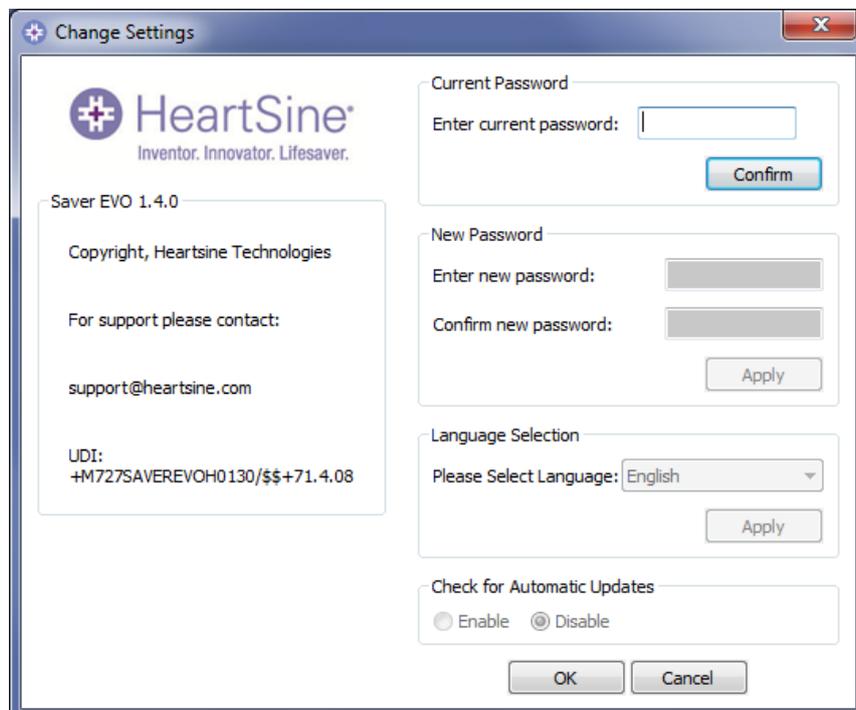
Saver EVO has some functions that can only be changed or completed by entering a password. This allows administrators of the software to restrict access to certain capabilities to authorised users. Saver EVO is shipped with the password set to the default "password".



To change this password to one of your own choice, click the  button on the Saver EVO start screen:



This will open the following window displaying the Saver EVO version and UDI:



### Saver EVO UDI

The Saver EVO Unique Device Identification (UDI) will be displayed in this window

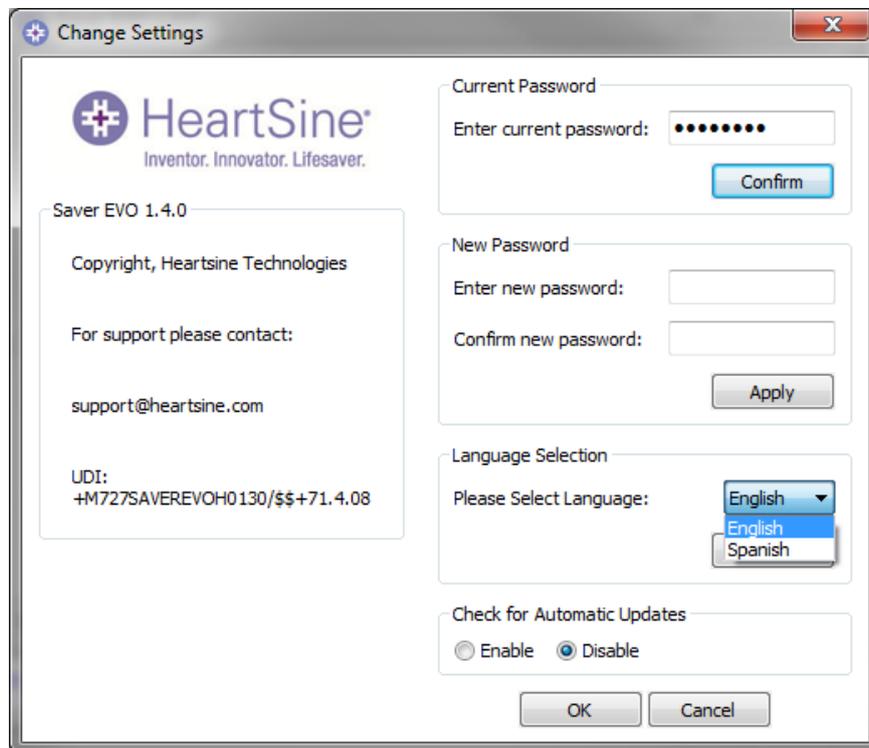
## Changing the password

Enter the current password and click “Confirm”. This will allow you to enter and confirm your new password.

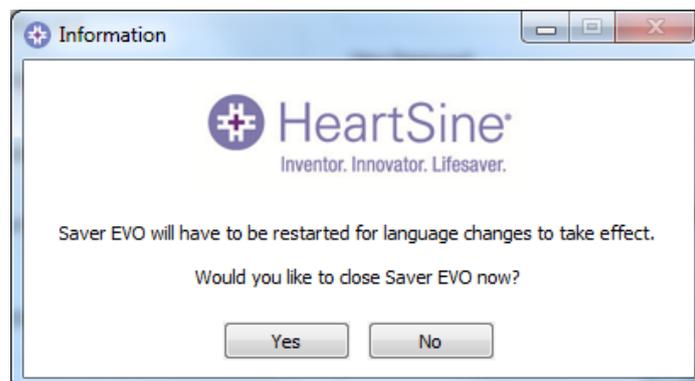
Click “Apply” to make the change. A confirmation that the password was successfully changed will appear. Click “OK” and again click “OK” in the Change Password window to exit this function. Note that reinstalling Saver EVO will reset the password to the default in the software. This action however will not remove any event data that has previously been saved.

## Language Selection

To choose the language of the Saver EVO software, select the language from the drop-down list and click Apply. Note that this screen makes it possible to change the language used in the Saver EVO software screens, not the language of the PAD voice prompts. See page 16 for instructions on changing the PAD language:



After clicking Apply, the following screen will appear and Saver EVO will have to be restarted for the language changes to take effect.



## Check for Automatic Updates

If the Enable box is selected then each time Saver EVO is started, it will attempt to connect with the HeartSine website to check for more recent versions of Saver EVO. If an update is available you will be prompted with the following window when Saver EVO is launched:



Choose Yes or No accordingly if you want to download a newer version of Saver EVO.