S-911 Bracelet Locator

User's Manual

Revision 1.46

LAIPAC TECH

Locate to Protect

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For Your Safety

Read these simple guidelines. Not following them may be dangerous or illegal. Read the complete user guide for further information.

Road Safety Comes First

Do not use the device for talk and text when wireless phone use is prohibited or when it may cause danger.

Interference

All wireless devices may be susceptible to interference, which could affect performance.

Switch Off In Hospitals

Switch the device off near medical equipment.

Switch Off In Aircraft

Follow any restrictions. Wireless devices can cause interference in aircraft.

Switch Off When Refuelling

Do not use the device at a refueling point. Do not use near fuel or chemicals.

Switch Off Near Blasting

Follow any restrictions. Do not use the device where blasting is in progress.

Qualified Service

Only qualified personnel may install or repair this product.

Batteries

Use only approved batteries. Do not connect to incompatible products.

Back Up Copies

It is recommended to save the phone book record and important settings.

Connecting To Other Devices

When connecting to any other device, read its user guide for detailed safety instructions. Do not connect with incompatible products.

Emergency Calls

Ensure the phone function of the device is switched on and in service.

About Your Device

The wireless device described in this guide is approved for using GSM 850/900/1800/1900 networks. Contact your service provider for more information about which GSM frequency your service provider is using. When using the features in this device, obey all laws, respect privacy, and the legitimate rights of others.

Network Services

In order to use the S-911 Bracelet Locator, you must have GSM service from a wireless service provider and subscribe with LocationNow. Many of the features in this device depend on the features of the GSM provider to function. These network services may not be available with all providers meaning you may have to make specific arrangements with your service provider before you can utilize the network services. Your service provider may need to give you additional instructions for their use and explain what charges will apply. Some networks may have limitations that affect how you can use network services in your area.

- Chapter 1 -

SIM card
Installation Instruction

Introduction

This document describes the SIM card installation procedure used for the S-911 Bracelet Locator.

1.0 Preparation before installation of SIM card

1.1 A valid SIM card

A valid SIM (Subscribe Identity Module) card must be provided by the user in order to use the Bracelet. Your local GSM Carrier will be able to provide you a GPRS DATA and voice enabled SIM card.

The SIM card must be a 3V SIM, the bracelet is not compatible with the older 5V version SIM cards.

1.2 Special tools for installation

(1) 2 special Phillips screwdrivers are needed for the SIM card installation, one is 1.4mm in size and the other is 1.6mm in size.
(2) 1 long nose pliers (refer to Fig1).

Fig1. 1.6/1.4 mm Philips screwdrivers and long nose pliers

2.0 SIM card installation steps

(1) Push the **Power on/off** button to turn off the power supply (refer to Fig2).

Fig2. **Power on/off button (RED)**

(2) Gently push the wristband pin with a 1.6mm size Philips screwdriver about 4mm deep until pin comes out of the other end of the wristband. (refer to Fig3).

Fig 3. Push the pin out of the wristband

(3) Same operation on the second pin (refer to Fig4).

Fig 4. Example of 2 pins sticking out of the wristband

(4) Slowly pull the 2 pins out with long nose pliers (rubber band will also work) and place them somewhere safely so you don't loose them. (Refer to Fig5).

Fig 5. Pull out the 2 pins with long nose pliers

(5) Gently unscrew and take out the 4 rear case screws with a 1.4mm size Philips screwdriver and place them somewhere safely so you don't loose them. (Refer to Fig6).

Fig 6. Unscrew the 4 rear case screws

(6) Gently open the Bracelet main case (refer to Fig7).

Do not touch the PCB or any component inside. The ESD (electrostatic discharge) can damage the unit permanently.

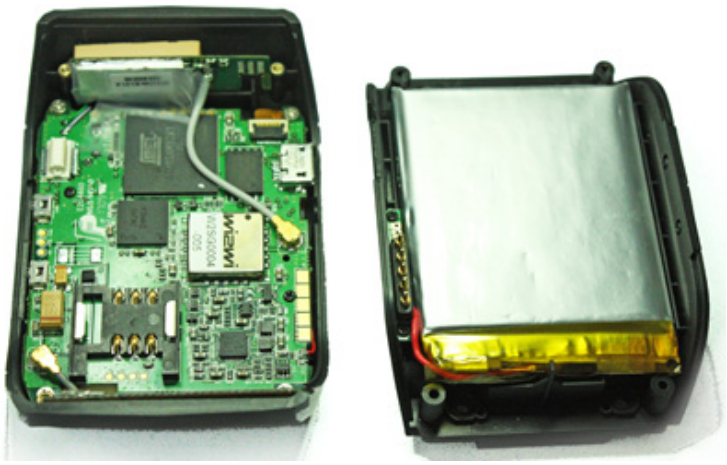


Fig 7. Please don't touch the PCB or any components inside.

(7) Fully insert a valid SIM card into the SIM card holder, label-up. You will see that the bottom edge of the SIM card firmly contacts the bottom line of the card holder. (Refer to Fig 8).

Fig 8. Fully insert SIM card into the card holder

(8) Close the main case carefully, and gently fix the 4 screws, refer to Fig 5 and Fig 6.

(9) Reinstall and secure the wristbands carefully by gently pushing the 2 pins into wristbands, refer to Fig 4.

CARE AND MAINTENANCE

Your device is a product of superior design and craftsmanship. The suggestions below will help you protect your warranty coverage.

- Keep the device dry. Precipitation, humidity, and all types of liquids or moisture can contain minerals that will corrode the electronic circuits.
- Do not store the device in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not attempt to open the device other than as instructed in this guide.
- Do not drop, knock, or shake the device on purpose. It will trigger the tamper alert to the monitoring centre.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the device.

- Chapter 2 -
Utility Configuration

Introduction

As a personal tracking device, if the bracelet wants to work with any Tracking Service provider's platform, such as **www.LocationNow.com** from Laipac Technology Inc. it should properly be integrated with Protocol and API.

Also, to support future application firmware upgrades for the bracelet, it needs a tool to download firmware.

Bracelet Utility is a tool to meet the requirements above.

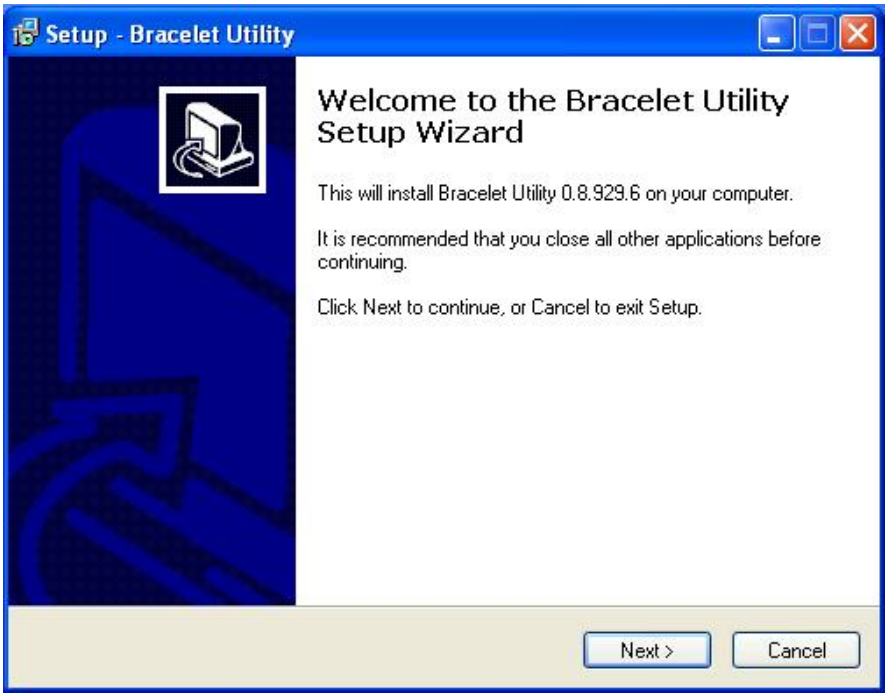
Quick Start manual only touches the configuration function part of this utility. It introduces:

- How to install this utility
- How to configure Bracelet by using default configuration file

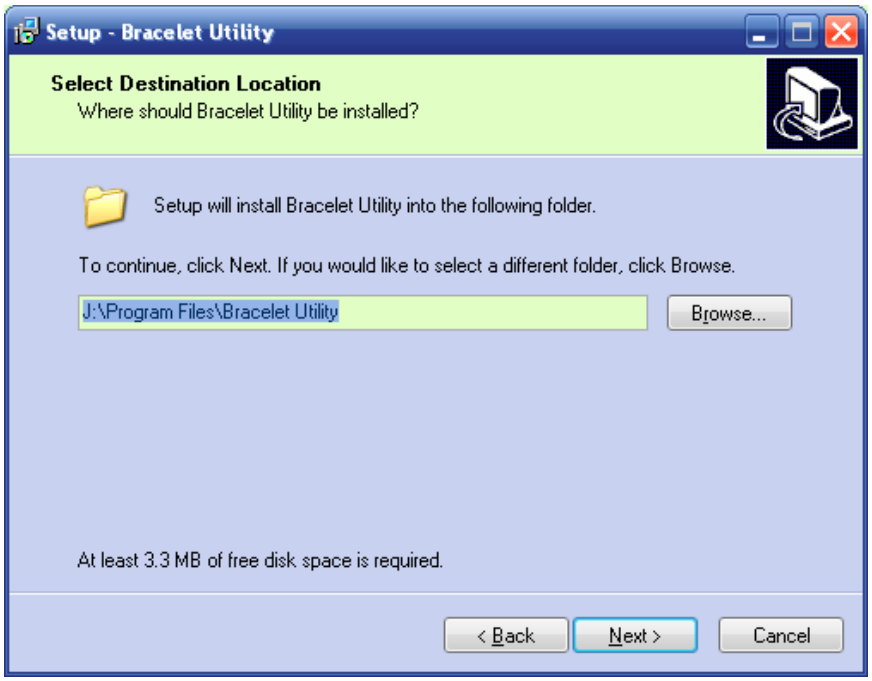
1. Installation of bracelet Utility

Step 1: Run the installation program.

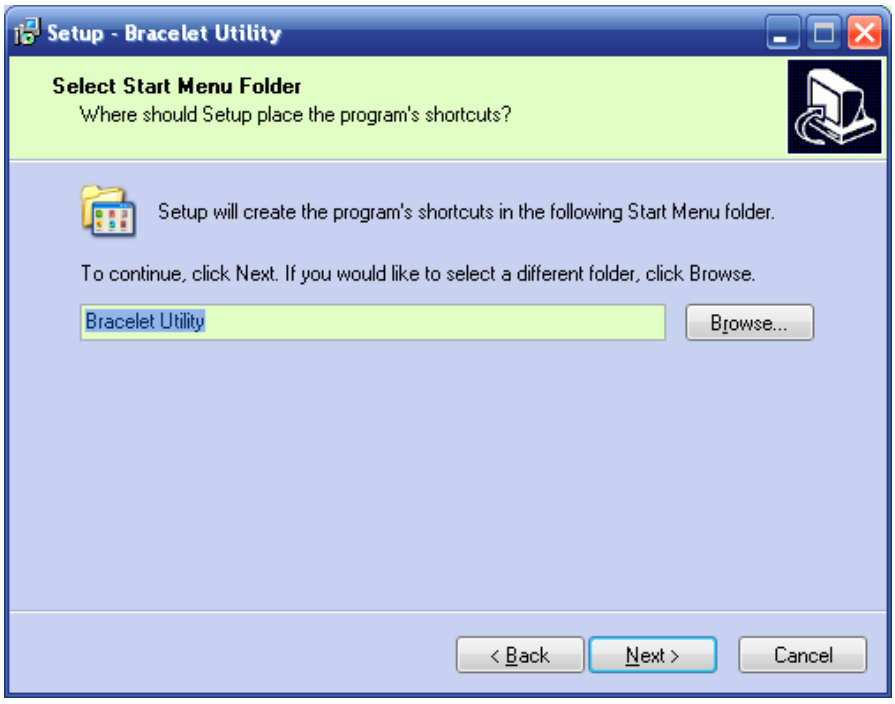
Run the "Bracelet Setup.exe" program to start Setup Wizard. These steps apply to Windows XP, Windows Vista, and Windows 7 Users.



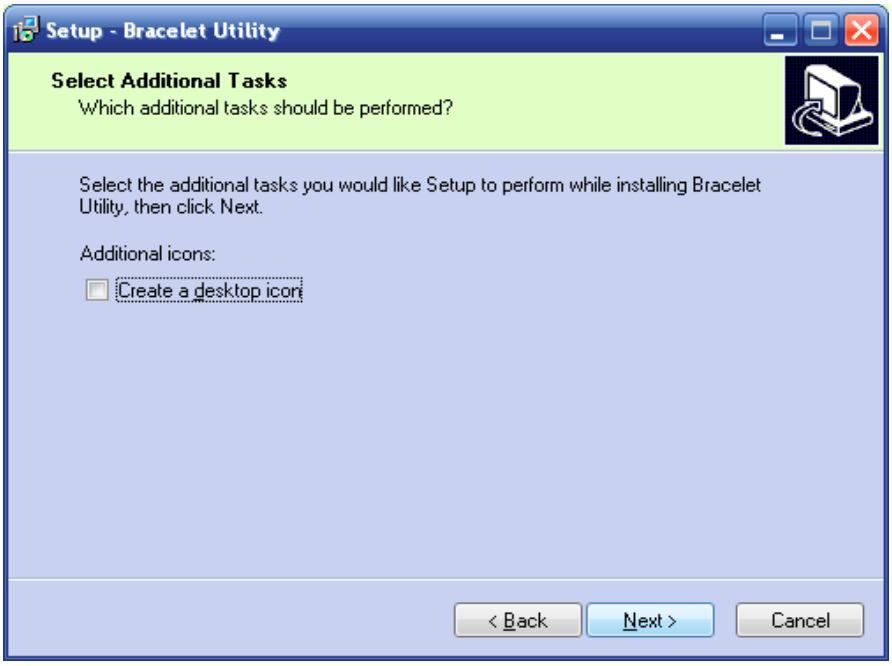
Step 2: Press the "Next" button to enter the page to Select Destination Location.



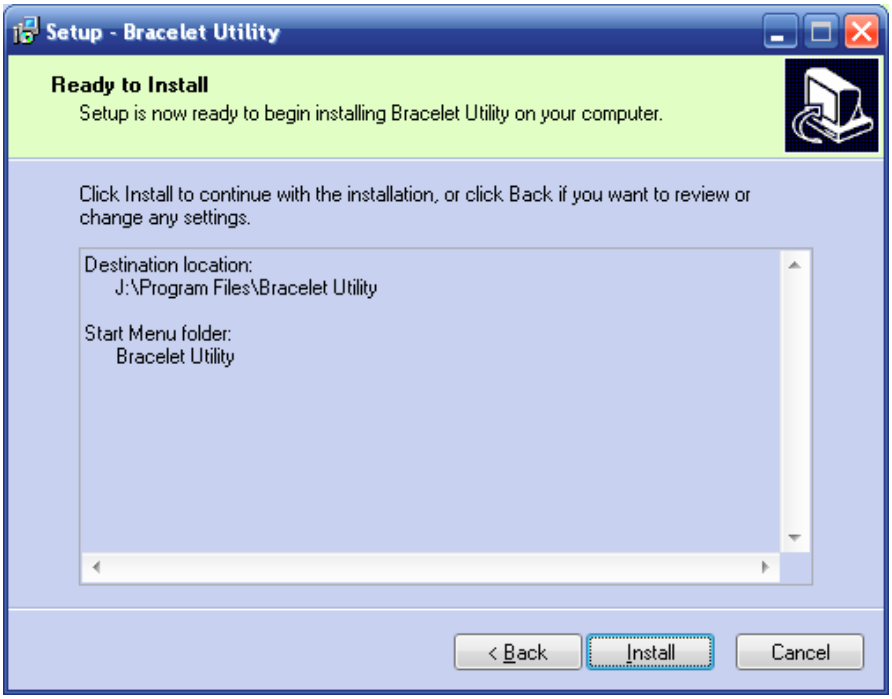
Step 3: If you don’t want use the default folder, please type the name of the new folder and in box or press "Browse" open dialog to select another desired folder, then press the "Next" button to enter the next page.



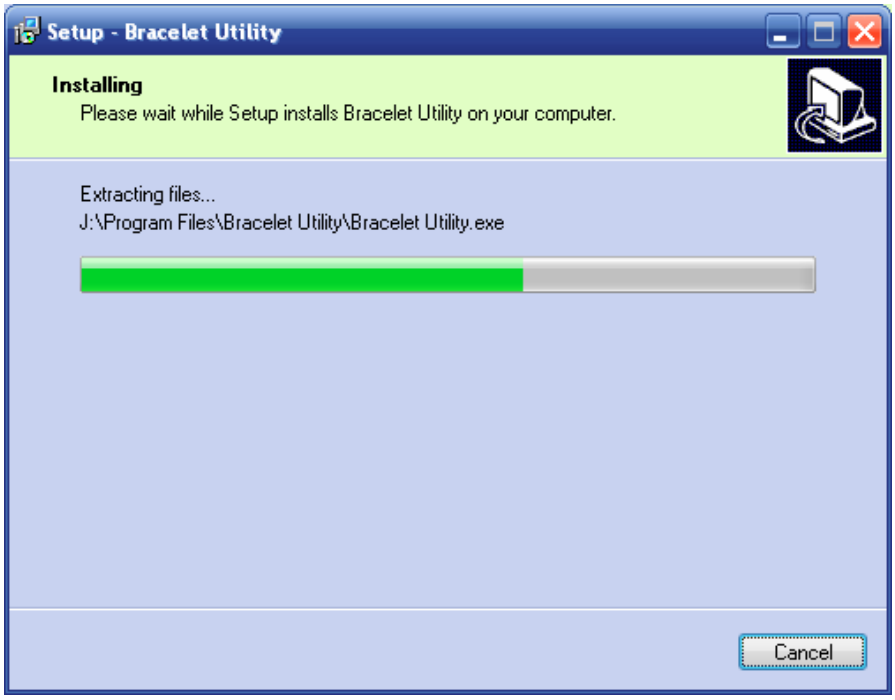
Step 4: Select the Start Menu Folder, and then press the "Next" button to go to the next page.



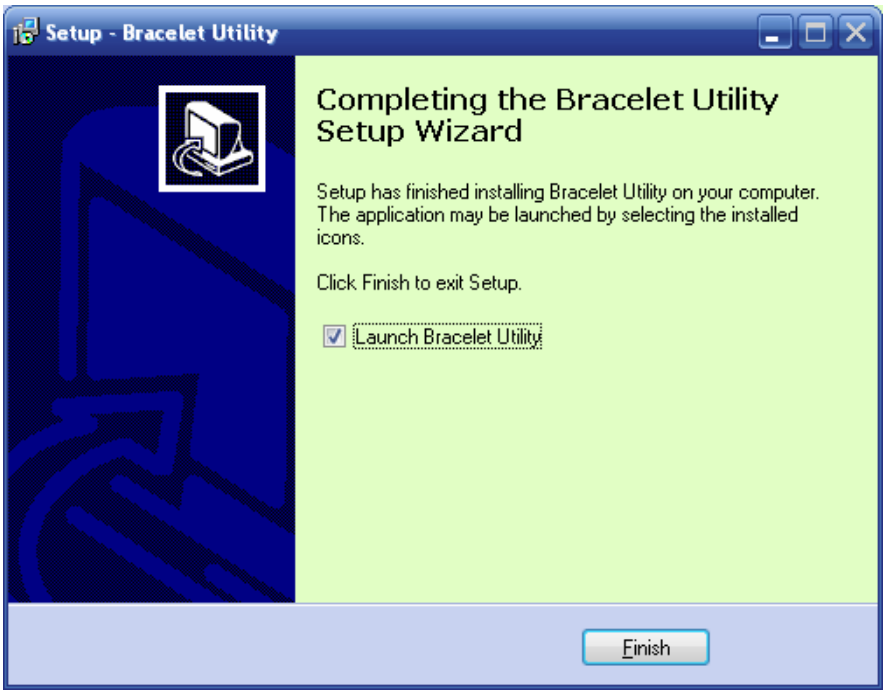
Step 5: If you want to create a shortcut icon on your desktop, please check the "Create a desktop icon" item. Then press the "Next" button to go to the next page.



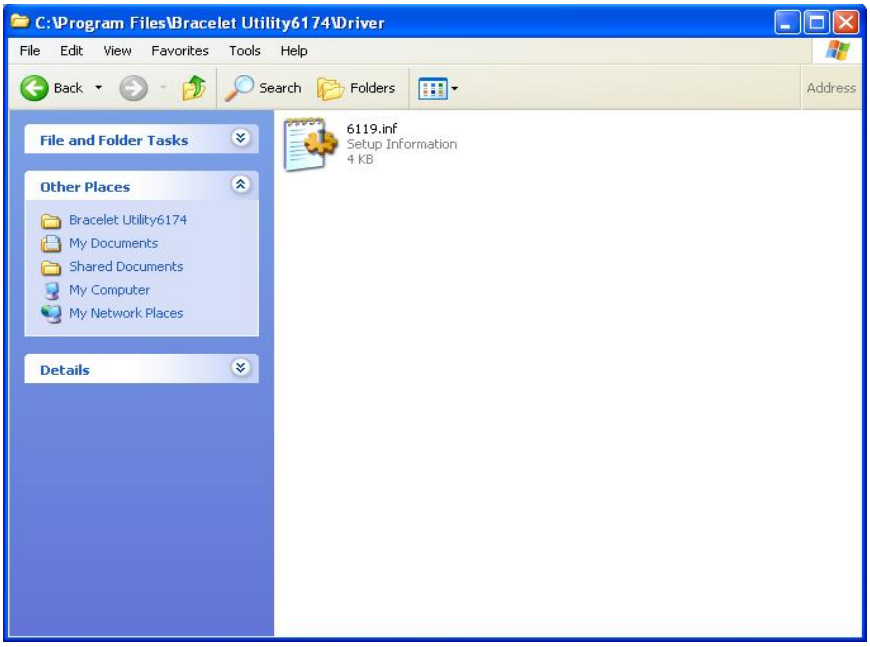
Step 6: If nothing needs be changed, press the "Install" button. Otherwise, you can press the "Back" button to go back to the previous page.



Step 7: After extracting the files to destination directory, the installation is finished. The last step is optional which will ask if you want launch the Utility immediately. If you do not want to run the utility, uncheck the "Launch Bracelet Utility" item and press "Finish" to complete the installation. If the item is checked, the Utility will run after the installation dialog is closed.

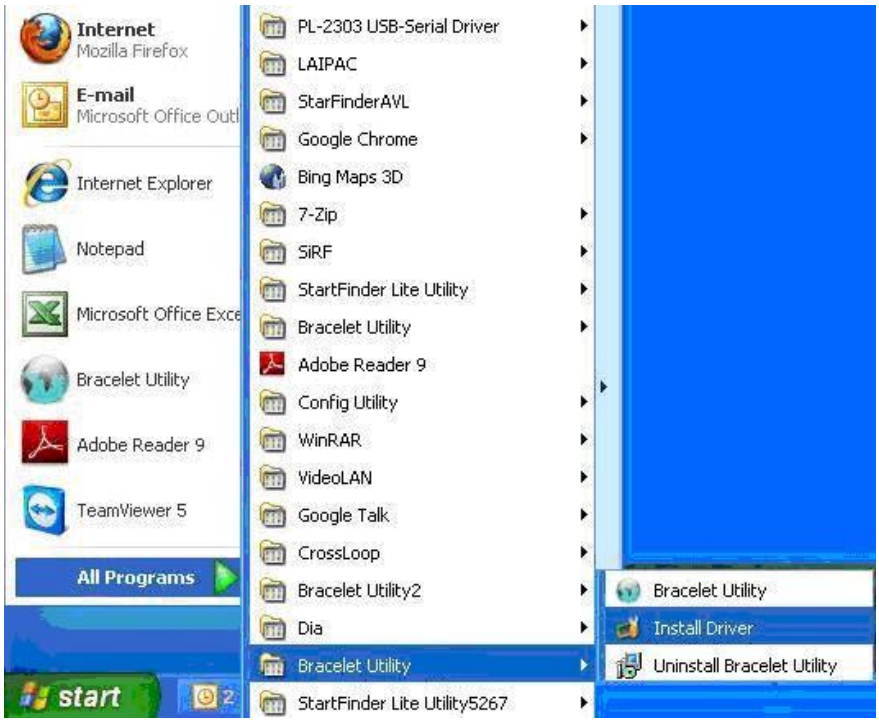


Windows 7 users, must download the replacement 6119.inf file, delete the existing one from its default location suggested below, and place the downloaded 6119.inf file in its place.



2. Installation of USB Driver

Step 1 - Locate the “Install Driver” file from “Start, Programs, Bracelet Utility, and click Install Driver”. For Windows Vista/7 users, right click “Install Driver” and select “Run as Administrator”.



When accessed, the below window will appear.

Step2 - Click the Install button and wait for it to finish installing. Sometimes this window will appear with a program not responding error. Once finished, close the window.

Step3 - Open the utility (Right click and run as administrator for 64 bit operating systems) and select configuration.

Step4 - Connect Bracelet and PC with USB cable

Step5 - Turn on or Reset the Bracelet and ignore the display shown on Bracelet LCD screen

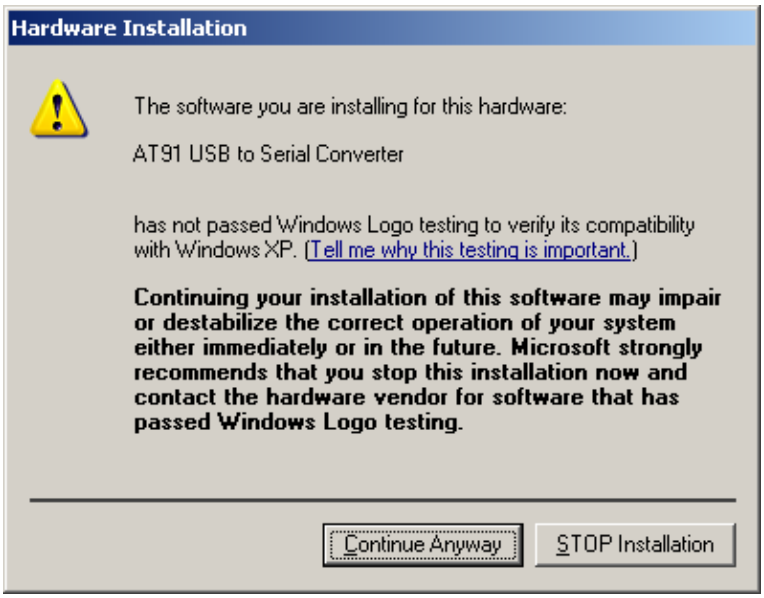
Step6 – Found New Hardware Wizard will appear for USB Driver Installation

After several seconds the PC screen will show the above window, then, check “Yes, this time only” and click “Next” button

Select “Install the software automatically (Recommend)” and click “Next”

Remark

If the following message pops up, click “Continue Anyway”.



Once the automatic USB driver installation has completed, please click “Finish”. The bracelet will reset and in some instances, windows will state that the drivers may not be successfully installed. Ignore this and reset the bracelet again to continue.

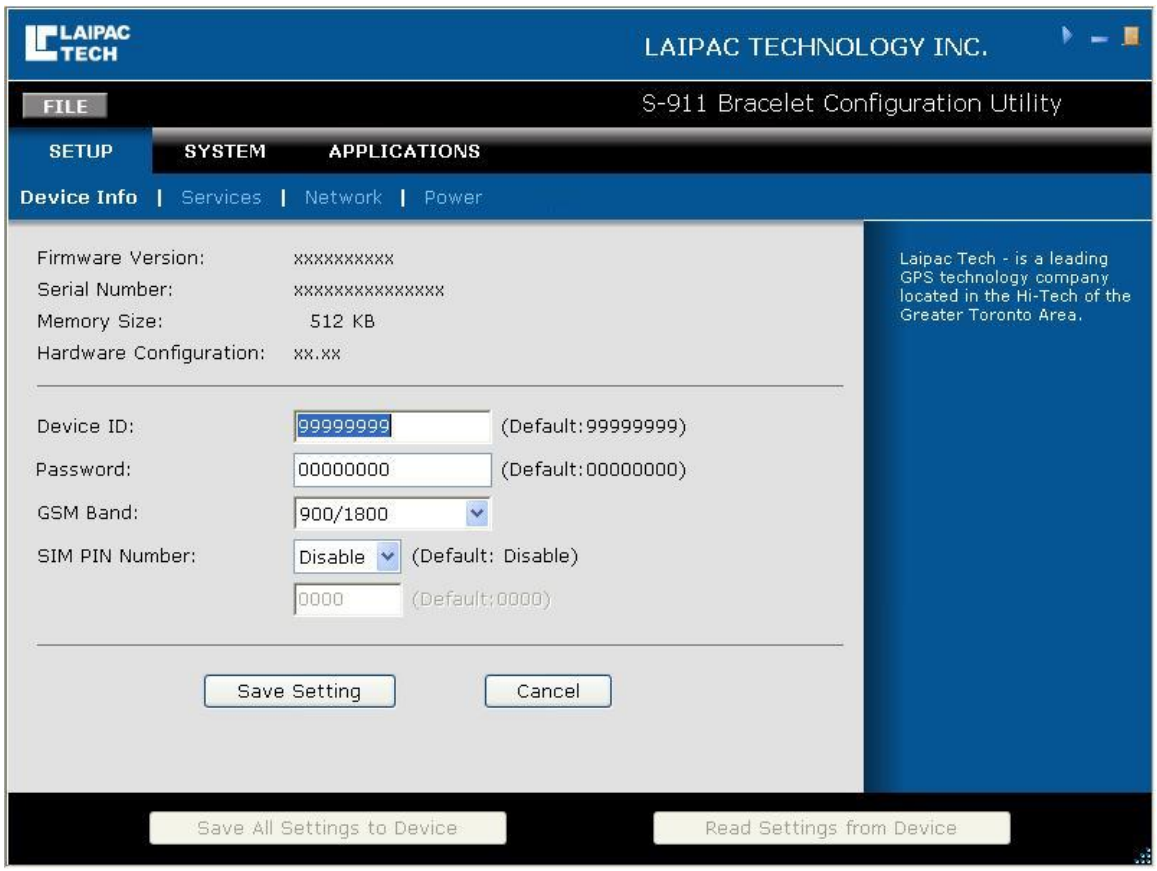
3 Configuring Bracelet

3.1 Start Bracelet Utility

Open up the bracelet utility either by double clicking for Windows XP users or by right clicking and selecting run as administrator for Windows Vista/7 users.

This will open the main configuration utility window.

Click the “Configuration” button. By clicking this, you will select utility’s configuration function



3.2 Enter into Configuration Mode

Step1 - Power on Bracelet unit and connect it to PC through provided Micro USB cable.

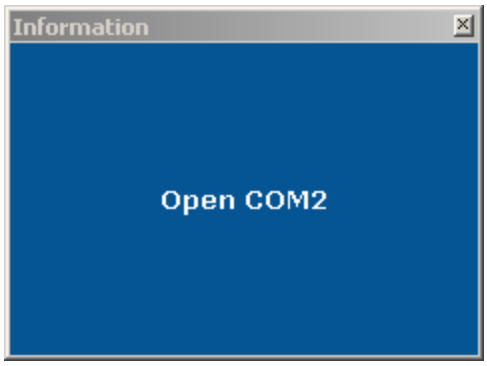
Step2 - Press “menu” key to enter into main menu.

Step3 - Select “Configuration” sub menu by pressing “Up” or “Down” key then press “OK”.

Step4 - Select the 3rd sub menu “PGM. Download” by pressing “Right” key and press “OK”.

The “Resetting…” will be shown on Bracelet LCD Screen.

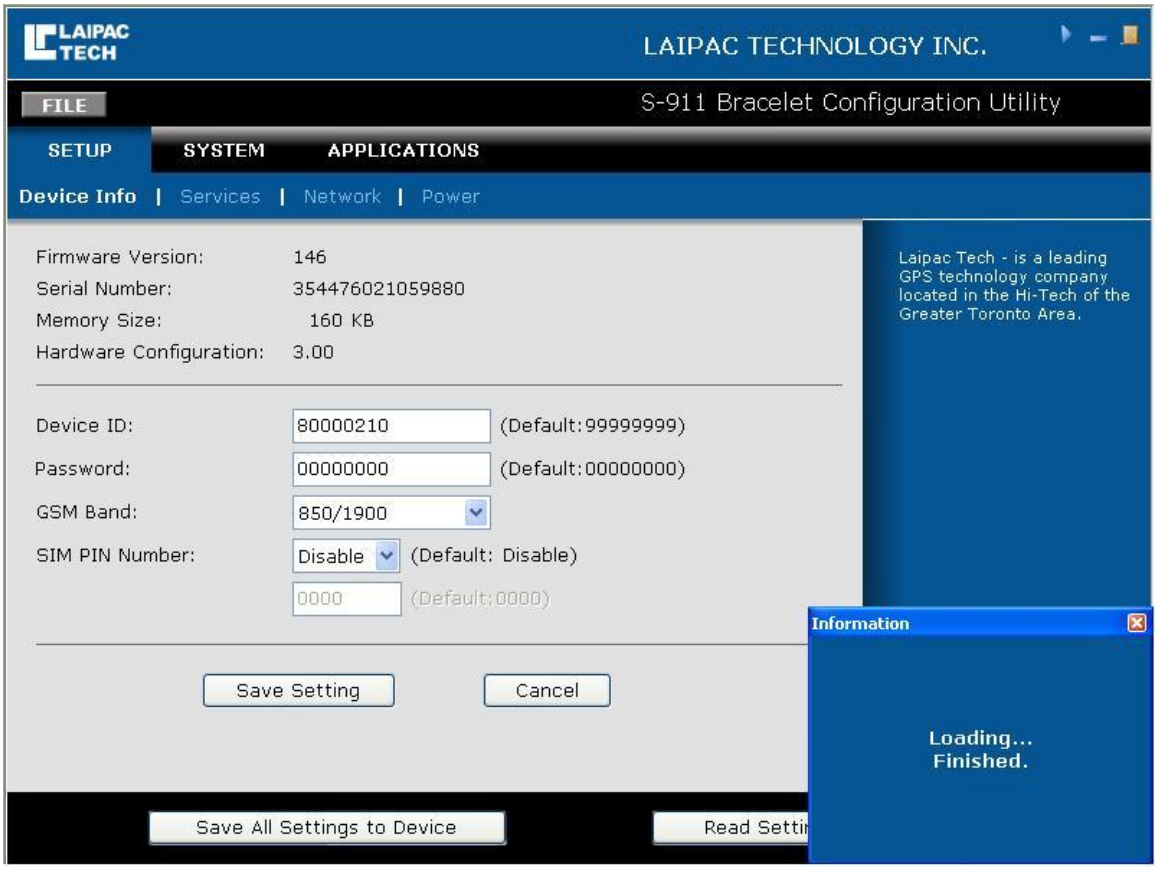
On the PC side, an information window will pop up at the corner of your screen, which will say “Found a new device” followed by “Open COM#”



3.3 Acquiring parameters of configuration from Bracelet

You can also acquire those parameters used for configuration by reading them from Bracelet unit, which has been configured before.

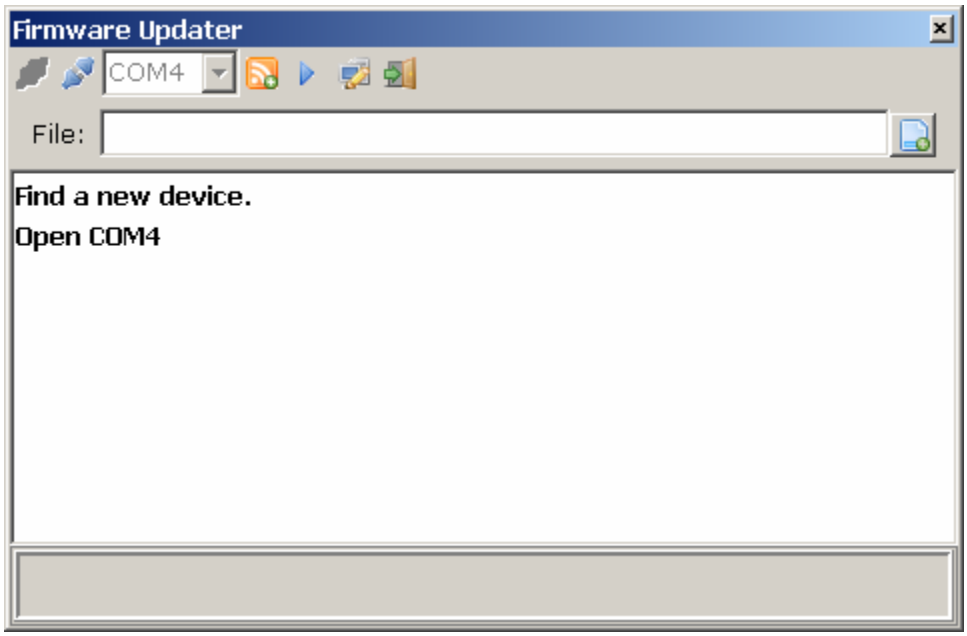
Click the "Read setting from device" button as show bottom right corner of pic. A window will pop up at the corner of your screen saying "Loading…" followed by "Finished."



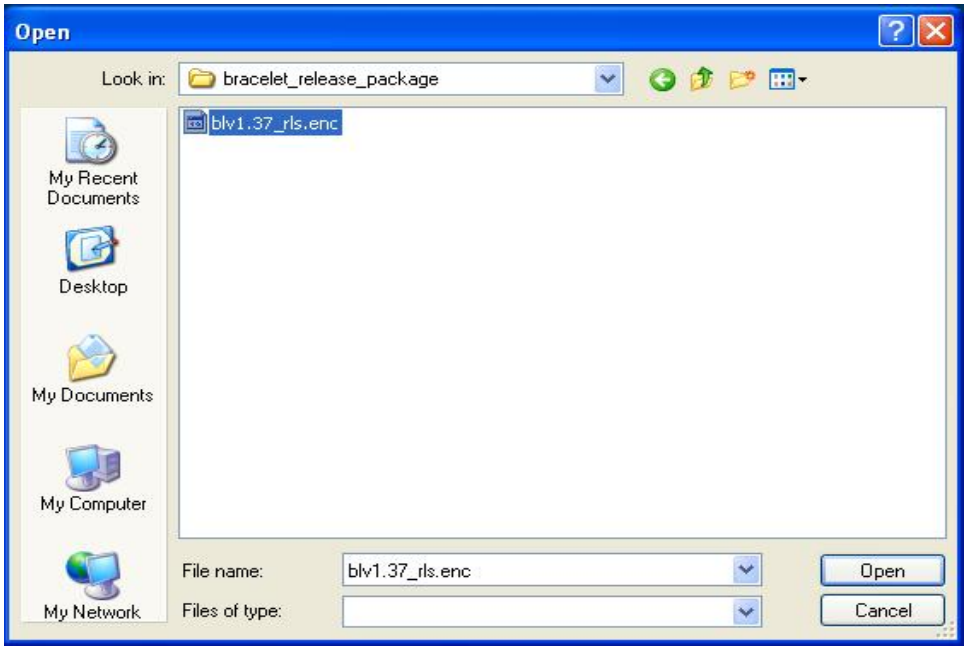
3.4 Updating the bracelet firmware

If the firmware version does not read back as 1.46 or later, the firmware must be updated on the bracelet. If the firmware version is 1.46 or later, skip this section.

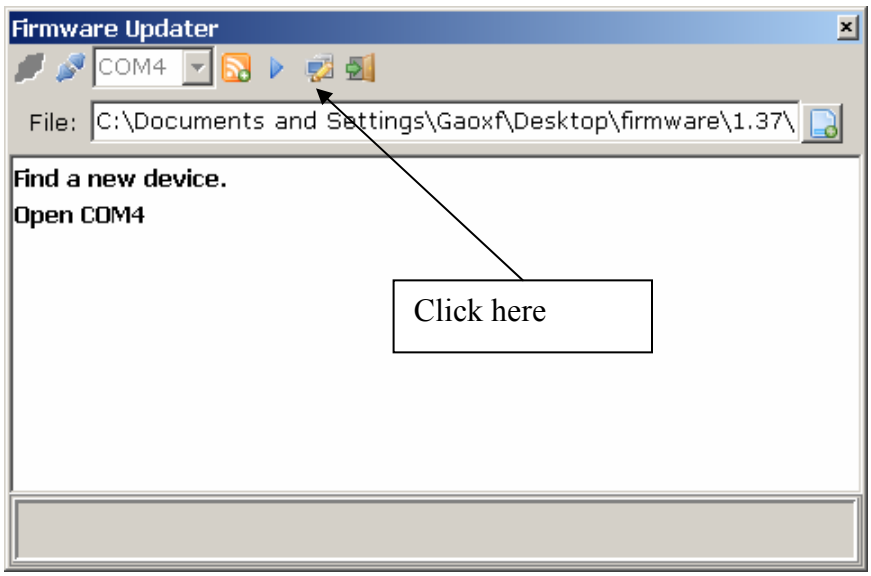
On the main configuration window, click firmware update. Notice the display will show open com followed by a number.



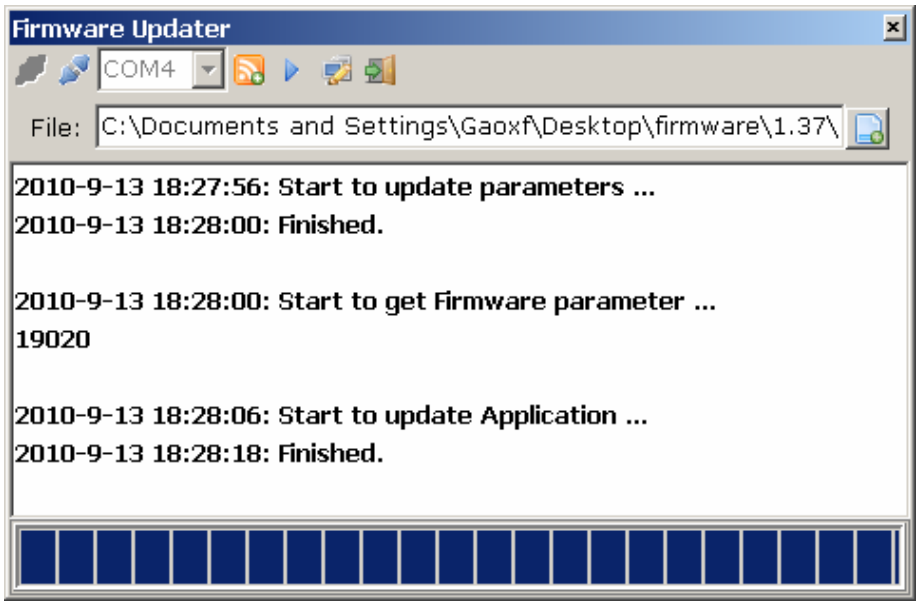
Click the blue "Open" button to the right of the "File" text box and browse for the firmware file, and click "open".



Click “Update” button to start this firmware downloading process.



If this downloading process is completed successfully, you will see the information showing below.

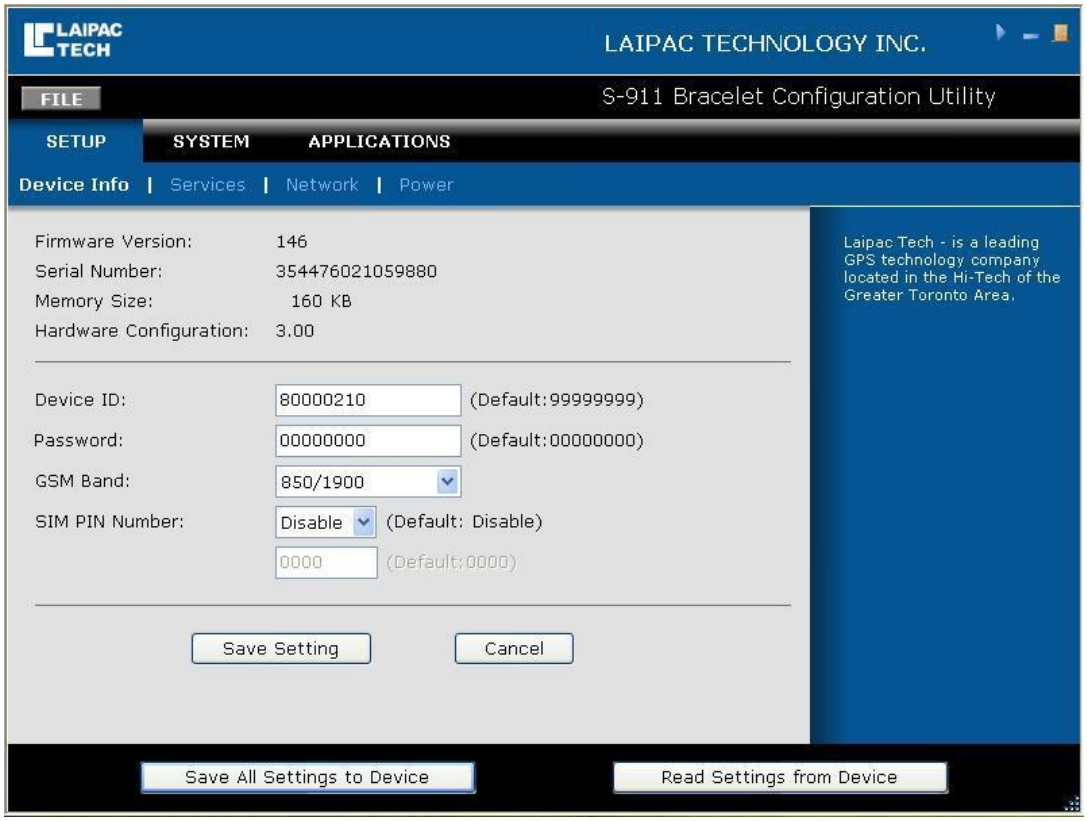


Once the firmware update has finished, close this window, click “configuration”, click “read settings from device”, click “save all settings to device”, then click “run application”.

The bracelet will reset and disconnect from your computer. Once the bracelet displays the accurate time, reconnect the bracelet to the utility and click “read settings from device”. The firmware version will change to the latest version.

3.5 Bracelet configuration

Setup Device Info



This section displays the Firmware Version, Serial number being the IMEI number, the bracelet memory size, and the hardware configuration.

Device ID: Unique to each unit and assigned by a software platform company for use with their servers. It is recommended to enter the value found in device profiles of the www.locationnow.com account.

Password: The unit password is redundant to the unit ID and

GSM Band: Sets the unit to connect to European or North American bands first.

SIM PIN Number: When enabled, it provides a field to enter a PIN code if the SIM card is password protected.

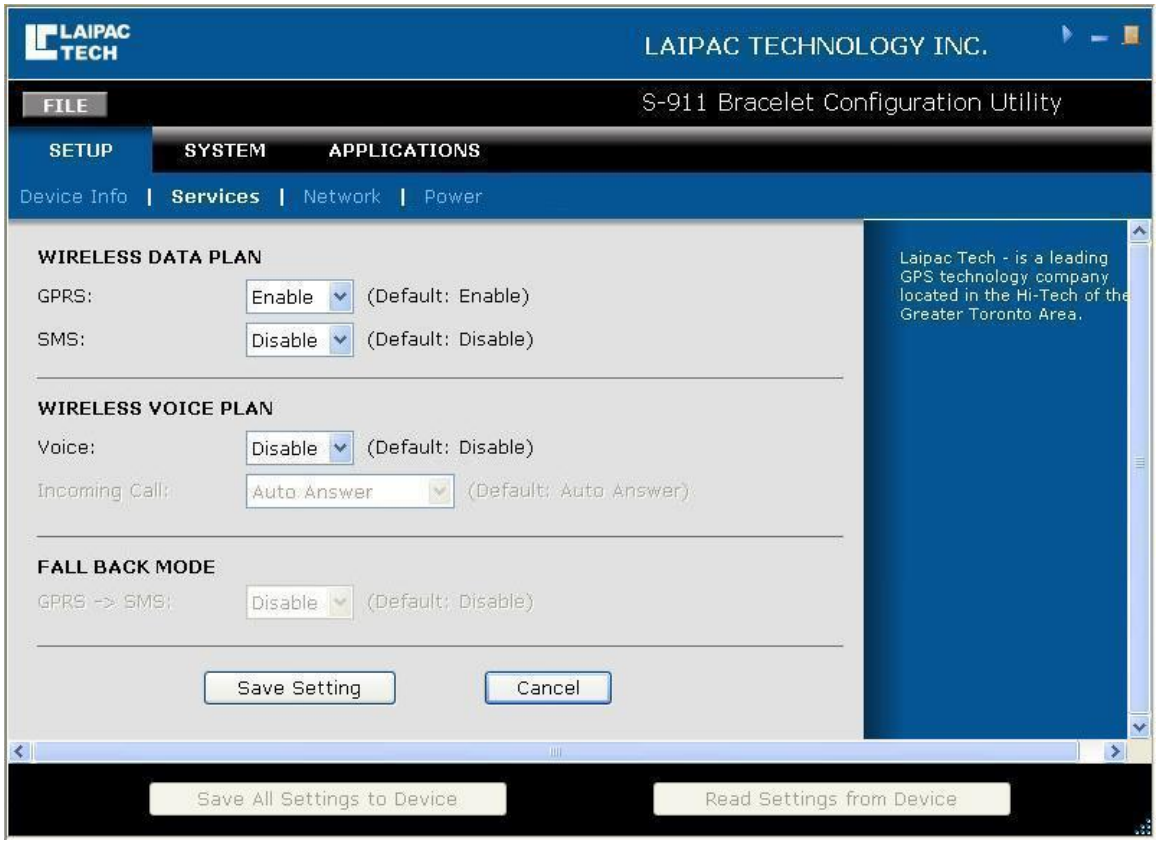
Save Setting: Saves the settings locally to the utility for temporary changes.

Cancel: Loads to the previously saved temporary changes.

Save All Settings to Device: Saves all configuration parameters to the device.

Read Settings from Device: Loads all of the configuration parameters to the device.

Setup Services



GPRS: A wireless data plan option with a drop down menu for enabling or disabling GPRS mode. GPRS is mainly cellular traffic over the internet and is used for directing the devices traffic to a server. When operating in GPRS mode, SMS mode remains inactive.

SMS: A wireless data plan option with a drop down menu for enabling or disabling SMS mode. SMS is mainly cellular to cellular traffic and is used for directing the devices traffic to an SMS Base Station Number such as a cell phone. The SMS Base Station number will be discussed under System, Phone Book. When operating in SMS mode, GPRS mode remains inactive.

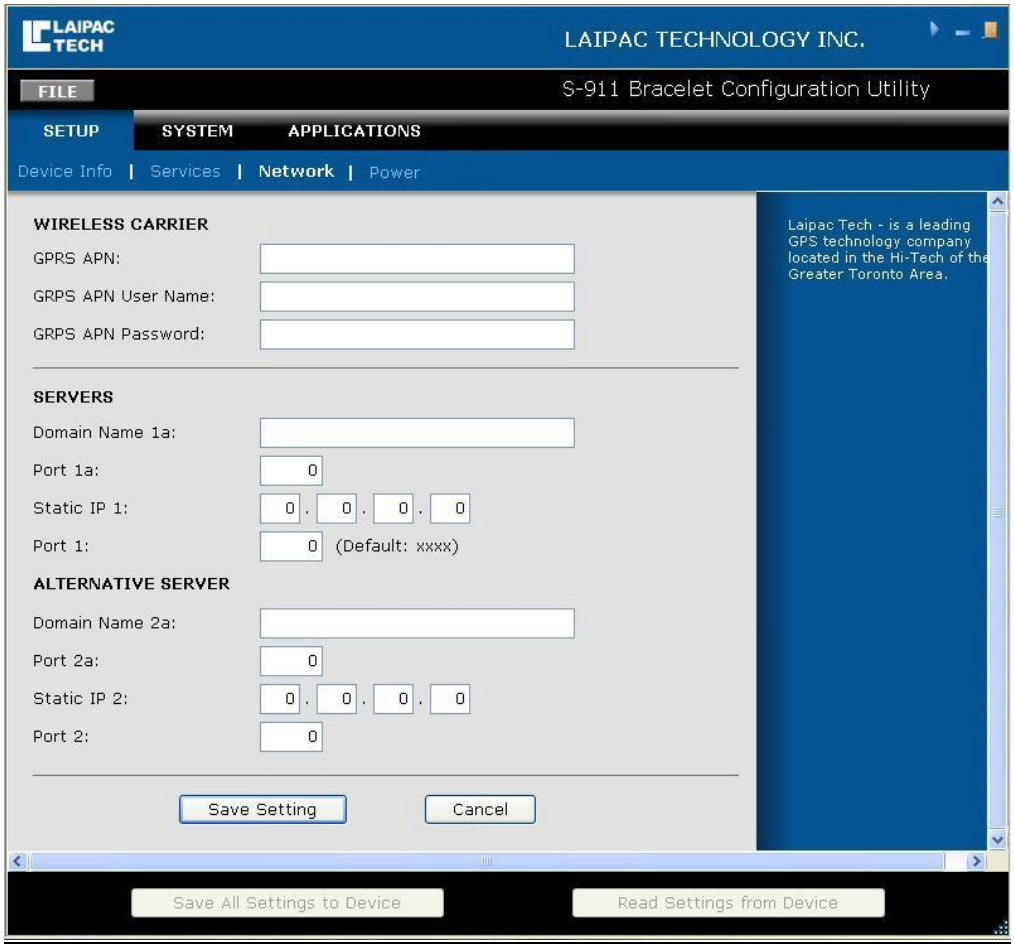
Voice: A wireless voice plan option with a drop down menu for enabling or disabling voice.

Incoming Call: A wireless voice plan option with a drop down menu for Auto Answering calls, Press to answer calls, and Silent call (the bracelet will automatically answer with out ringing).

GPRS -> SMS: A fall back mode option for enabling SMS operations when GPRS operations are down.

Setup Network

Setup Network



GPRS APN: A mandatory Wireless Carrier setting that is provided by your SIM card provider. It is the carrier's APN (access point name) through which the device will transmit data across the Internet.

GPRS APN User Name: An optional Wireless Carrier setting that is provided by your SIM card provider. This is the username for your device to access the carrier's data network. If there is no username, leave the field empty.

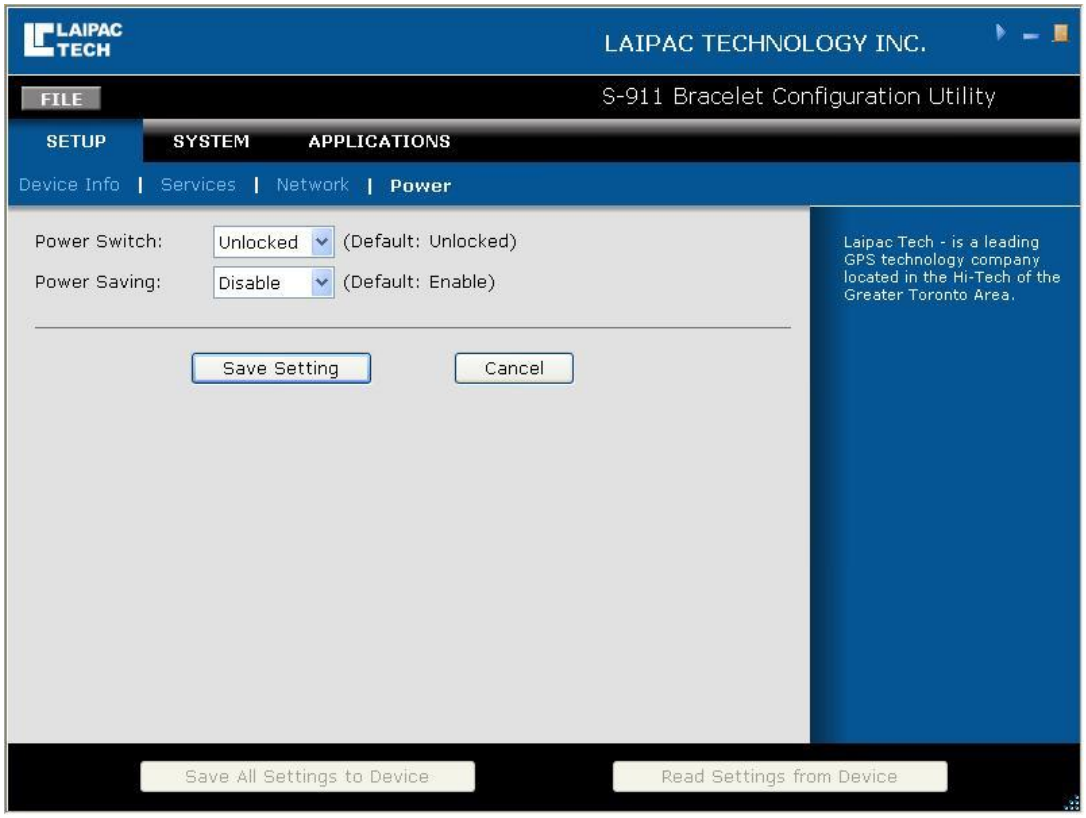
GPRS APN Password: An optional Wireless Carrier setting that is provided by your SIM card provider. This is the password for your device to access the carrier's data network. If there is no password, leave the field empty.

Domain Name 1a: A web platform domain name that will accept the incoming transmissions should the Static IP becomes inaccessible.
Port 1a: The port that the data will be transmitted to.
Static IP 1: The IP address that will accept the transmissions from the bracelet.
Port1: The port of the IP address that the data will be transmitted to.
Domain Name 2a: A web platform domain name that will accept the incoming transmissions should the static IP 2 becomes inaccessible.

Port 2a: The port that the data will be transmitted to.
Static IP 2: The IP address that will accept the transmissions should the Domain Name 1a become inaccessible.
Port2: The port of the IP address that the data will be transmitted to.

To re-cap, the bracelet will transmit to Static IP 1 first, Domain Name 1 second, Static IP 2 third, Domain Name 2 fourth, and will later on re-attempt Static IP 1 and this sequence if the bracelet is still not connected to a GPRS server.

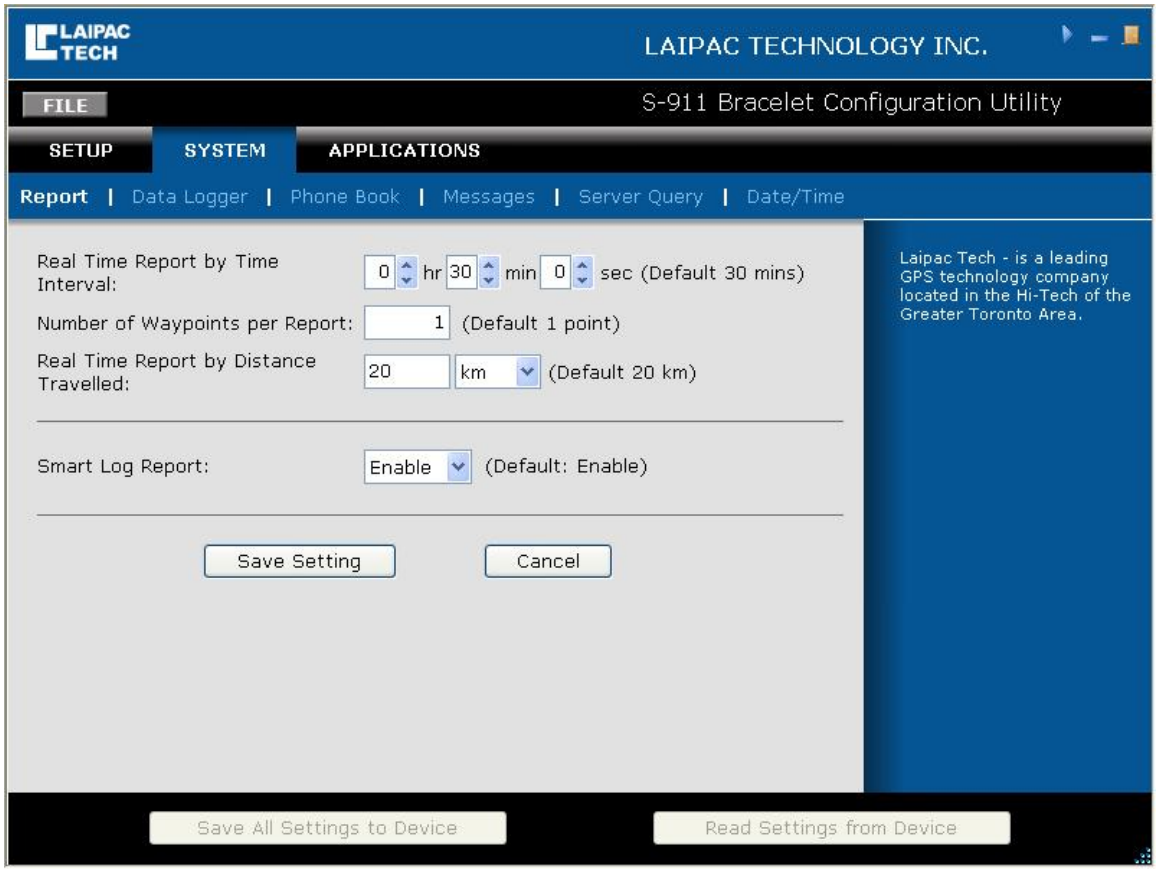
Setup Power



Power Switch: The power switch has 2 main options: Unlocked allowing the power button to power off the bracelet and Locked disallowing the power button to power off the bracelet.

Power Saving: The power saving switch has 2 main options: Enabled and Disabled to either turn on power saving or to disable power saving. Power saving requires a report by time interval of 5 minutes or greater to be fully enabled. Power saving mode when enabled will shut off the GPS receiver for about 53 seconds every minute leaving it active every 7. When it is time to report, the bracelet will report. If an event is triggered while the GPS receiver is shut off, the bracelet will transmit an invalid coordinate. As such, power saving is not recommended for real time operations.

System Report



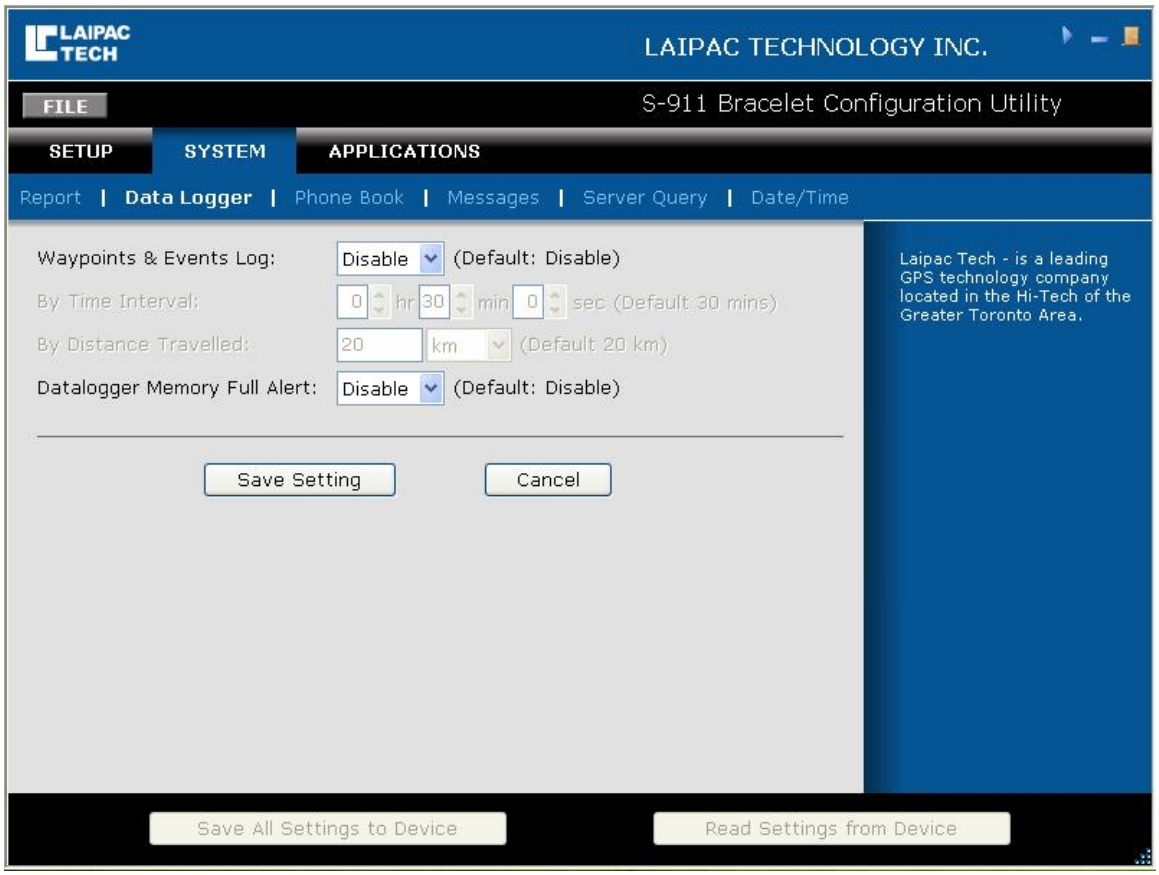
Report by Time Interval: This is a user defined value to determine how often the bracelet will report using time.

Number of Waypoints per Report: This is a user defined value used for report bursting and is governed by report by time. An example is if the number of waypoints per report is set to 5 and the report by time interval is set to 1 minute, in 5 minutes, the receiving server will receive 5 waypoints.

Real Time Report by Distance Travelled: This is a user defined value to determine how often the bracelet will report using distance. The options for distance are Kilometers, Meters, Miles, or Yards.

Smart Log Report: The smart log report has 2 options: Enabled and Disabled to either turn on smart logging or disable smart logging. Smart logging is a store and forward mechanism that stores all waypoint information when GPRS is not available and forwards the stored waypoint information when GPRS becomes available. The smart logger stores 3000 waypoints.

System Data Logger



Waypoints & Events Log: The waypoints and events log has 2 options: Enabled and Disabled to either turn on data logging or disable data logging.

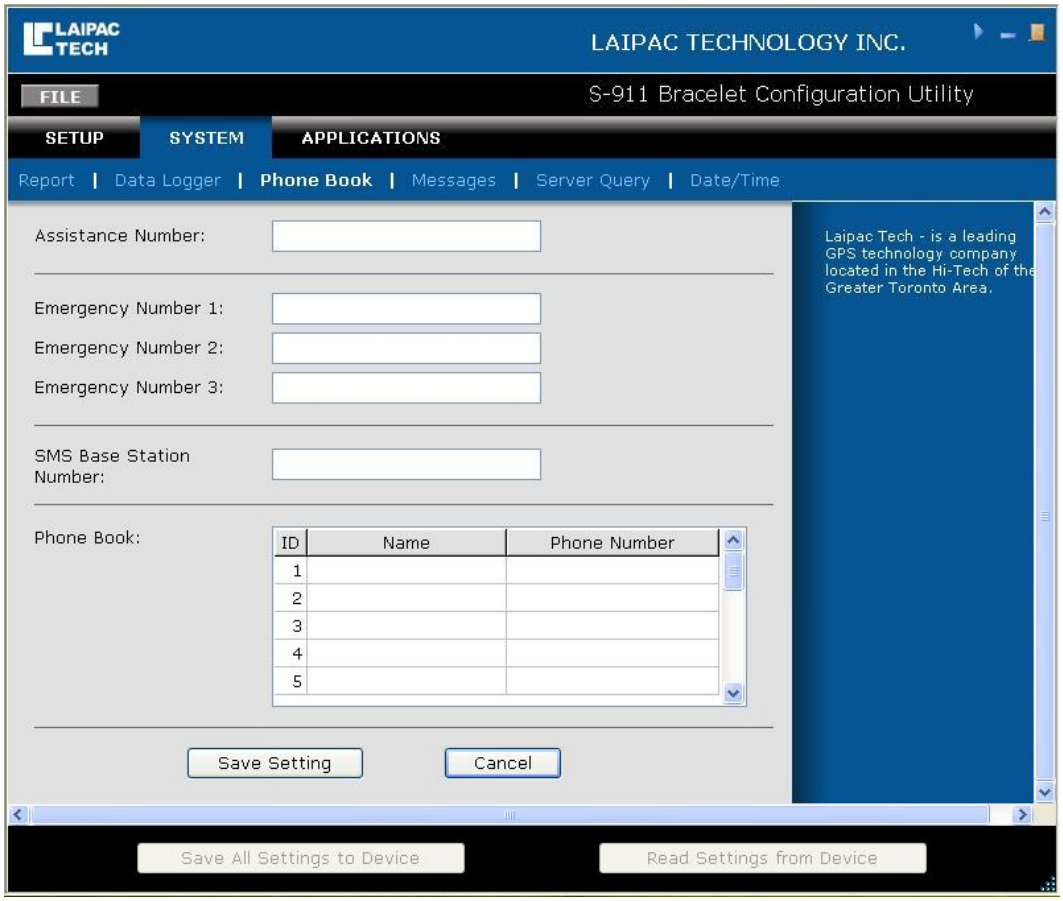
Log by Time Interval: This is a user defined value to determine how often the bracelet will log waypoint messages using time.

Log by Distance Travelled: This is a user defined value to determine how often the bracelet will log waypoint messages using distance. The options for distance are Kilometers, Meters, Miles, or Yards.

Data Logger Memory Full Alert: The data logger stores 4224 waypoint messages and once reaches 4224, the data logger memory full alert will be sent to the GPRS server. If the bracelet continues to log data, the bracelet will start writing over the oldest logged waypoints.

The logging function is for passive tracking applications only and the data can only be extracted by sending the request logged data and the request and clear logged data commands outlined in our protocol. This feature is mainly for developer use and not recommended for any real time application.

System Phone Book



Assistance number: When the SOS button is pressed, this number will be called.

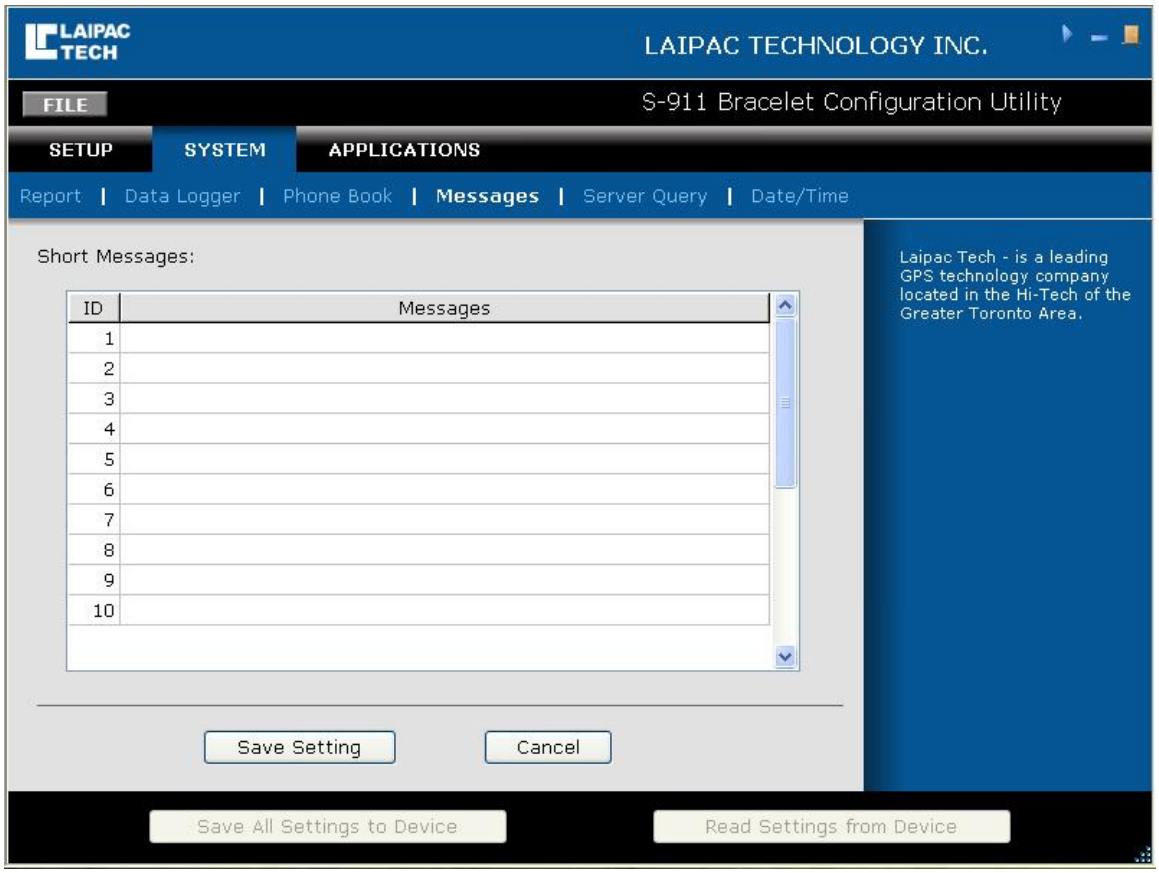
Emergency Number 1: This number is accessed when the bracelet user presses menu, presses center for emergency and the emergency numbers will appear. Emergency Number 1 is also the number where all SMS alert messages are directed to such as SOS, G-sensor, Geo-fence, tamper detect band open, tamper detect band closed.

Emergency Numbers 2 & 3: These numbers are accessed when the bracelet user presses menu, presses center for emergency and the emergency numbers will appear.

SMS Base Station Number: Like the GPRS server, when the bracelet is put into SMS mode, all waypoint messages, alerts, and events, will be transmitted to the SMS base station number. This number can be a cellular number or a cellular modem. The SMS base station number is used when GPRS is out of coverage and fall back mode is enabled or is used for developers who accept SMS messages to their software platform.

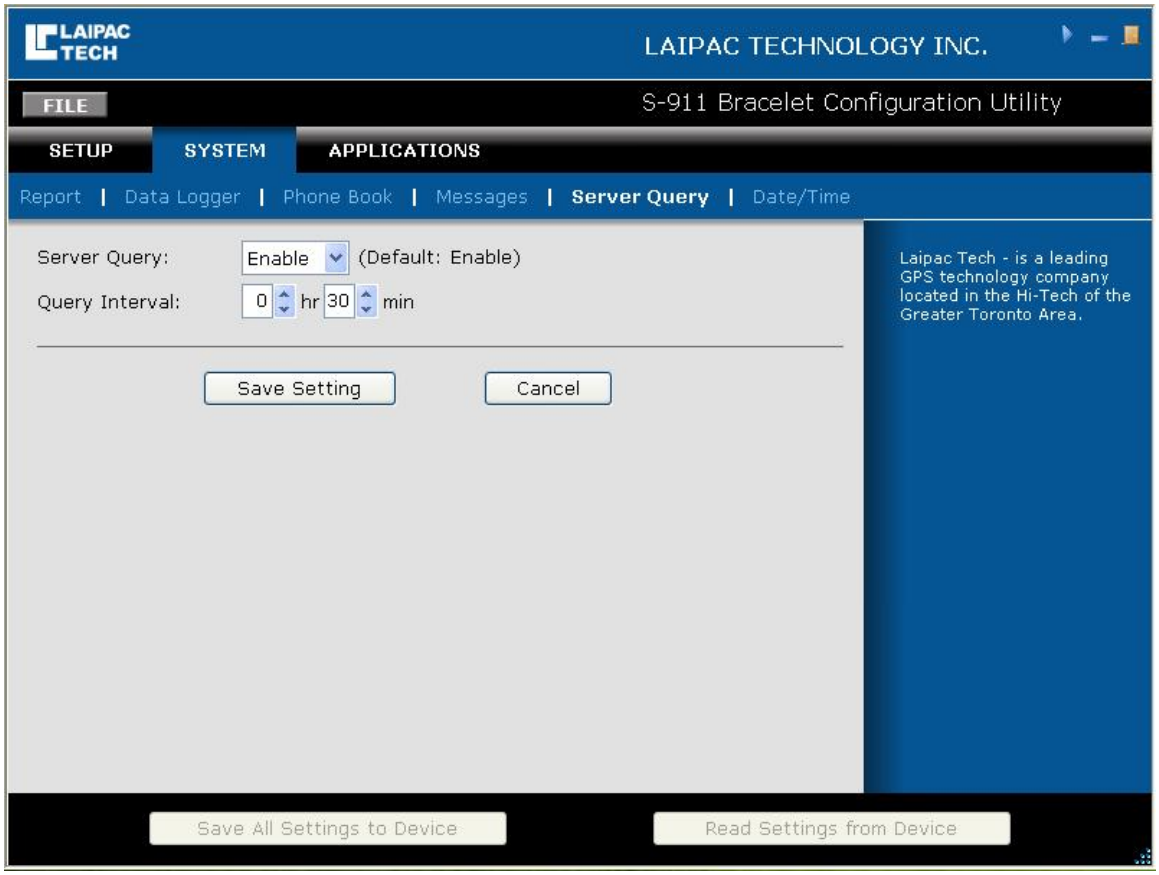
Phone Book: The phone book contains up to 100 user pre-defined contacts that the bracelet user can dial out to but not change.
System Messages

Note: All numbers should be entered in as local numbers.



Short Messages: This section the user can enter 10 pre-defined text messages that can be directed to one of the stored Phone Book contacts.

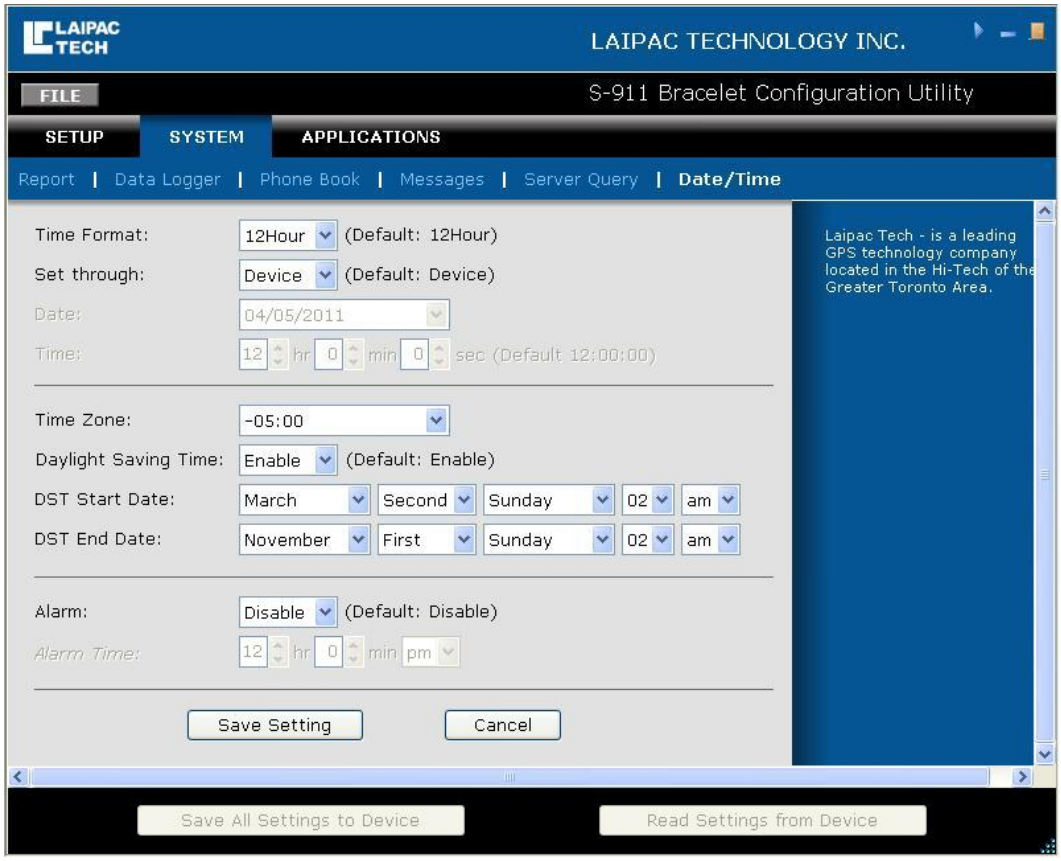
System Server Query



Server Query: The server query interval has 2 options: Enabled and Disabled to either turn on the server query interval or disable the server query interval.

Query Interval: The query interval is a user defined amount of time in which the keep alive is sent. If there is no response to the server query interval message from the server, the bracelet will assume it has lost communication with the server and will reset.

System Date & Time



Time Format: Time format has 2 options for 12 hour and 24 hour time.

Set Through: Set through has 2 options for setting the time on the device or setting the time on the utility. If the time is to be setup on the device, it is under menu, configuration, and time zone otherwise the date and time can be set in the utility.

Date: Sets the current date by a drop down menu specified by the user.

Time: Sets the current time specified by the user.

Time Zone: The time zone is a drop down menu allowing the user to select their time zone in GMT.

Daylight Saving time: The option to enable or disable the ability to setup when daylight savings occurs.

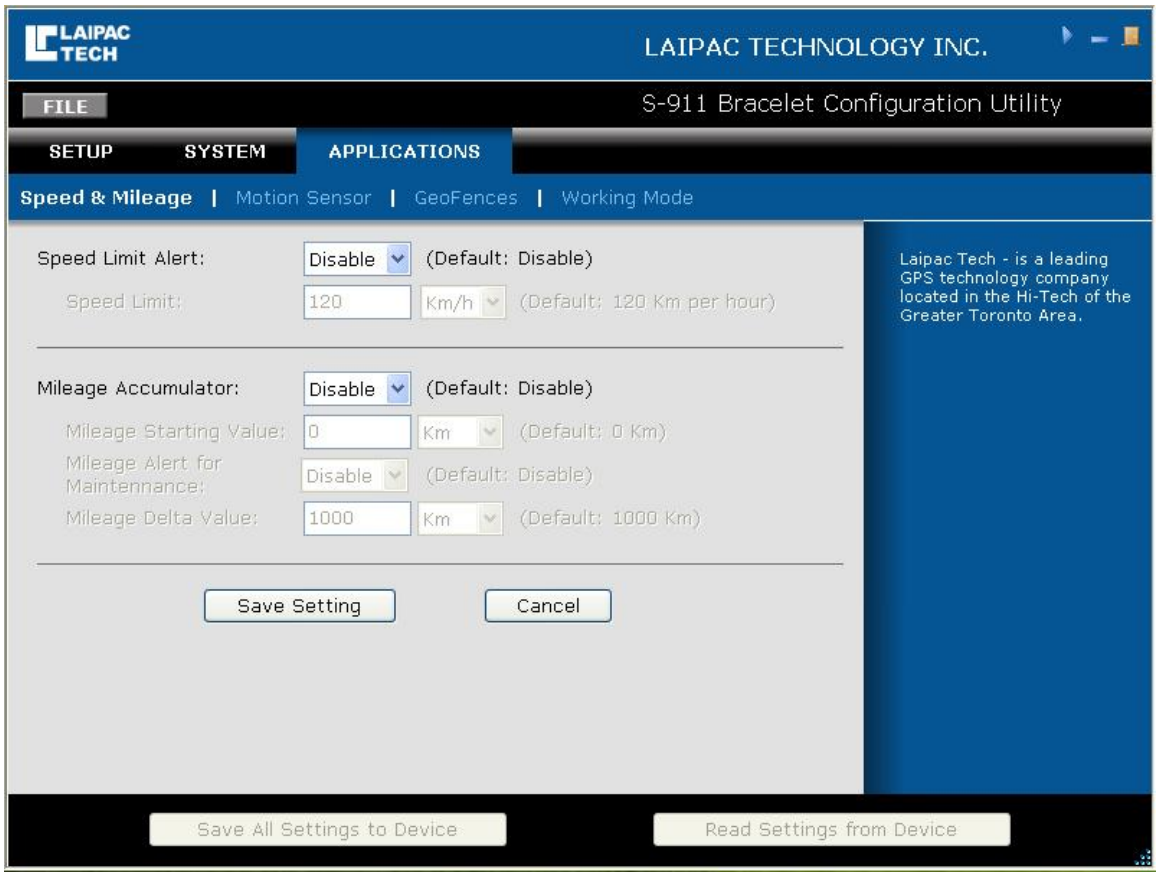
DST Start Date: A user defined value of when daylight savings starts.

DST End Date: A user defined value of when daylight savings finishes.

Alarm: The option to enable or disable the ability to setup an alarm.

Alarm Time: A user defined value of when the bracelet will beep. The bracelet will stop beeping when the bracelet user presses the center button.

Applications Speed & Mileage



Speed Limit Alert: Provides the option to enable or disable the setup of speed limit notification alerting. This alert is sent to the GPRS server.

Speed Limit: Is a user defined value of what speed limit should be set. The speed value options are in distance are Kilometers, Meters, Miles, or Yards.

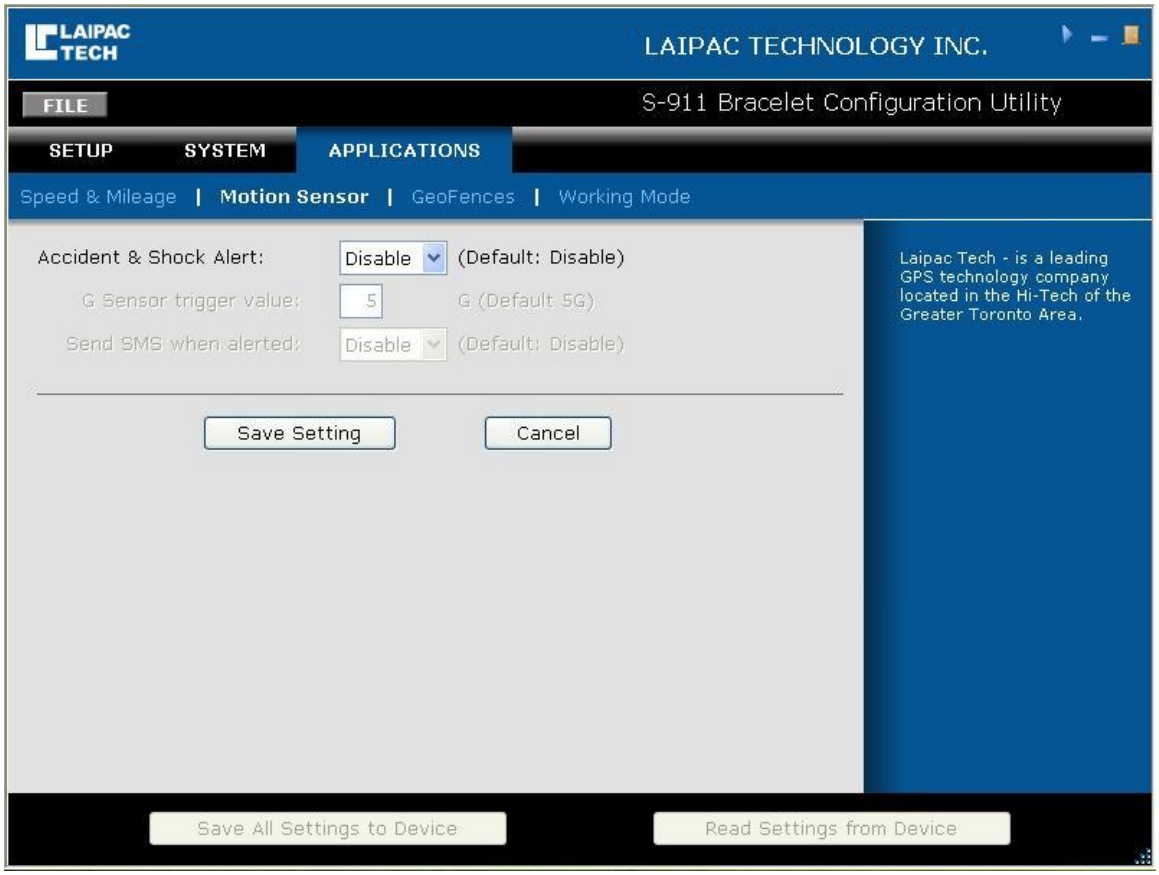
Mileage Accumulator: Provides the option to enable or disable the setup of mileage accumulation. Basically when the bracelet user moves, the mileage will record how far the bracelet is moving.

Mileage Starting Value: The user defined mileage accumulation start point in Kilometers, Meters, Miles, or Yards.

Mileage Alert for Maintenance: Provides the option to enable or disable the setup of a user defined mileage objective alert.

Mileage Delta Value: Once the bracelet accumulates up to the user defined value in Kilometers, Meters, Miles, or Yards, the bracelet will send an alert to the GPRS server.

Applications Motion Sensor

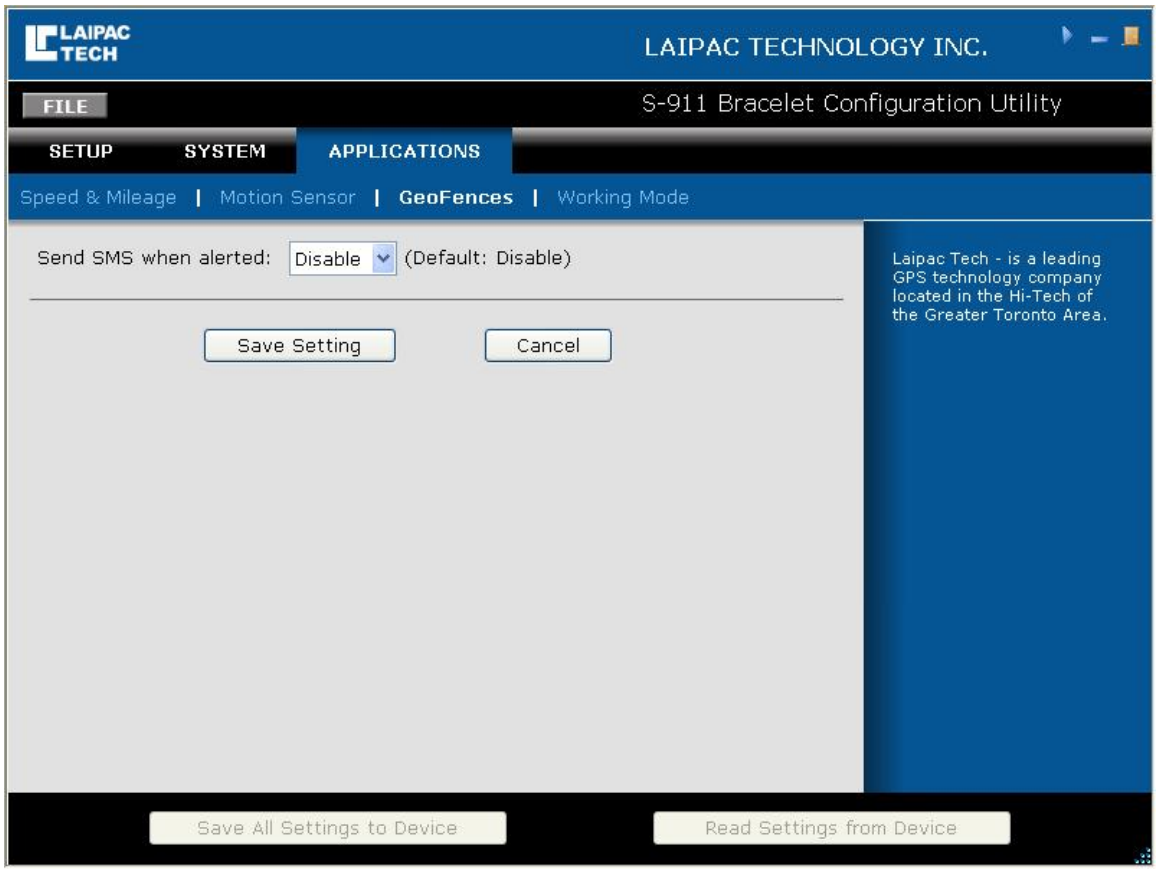


Accident & Shock Alert: Provides the option to enable or disable the setup of the g-sensor shock values.

G Sensor Trigger Value: Is user defined G-force values that when the bracelet detects the same as or greater impact value, it will send an alert to the GPRS server.

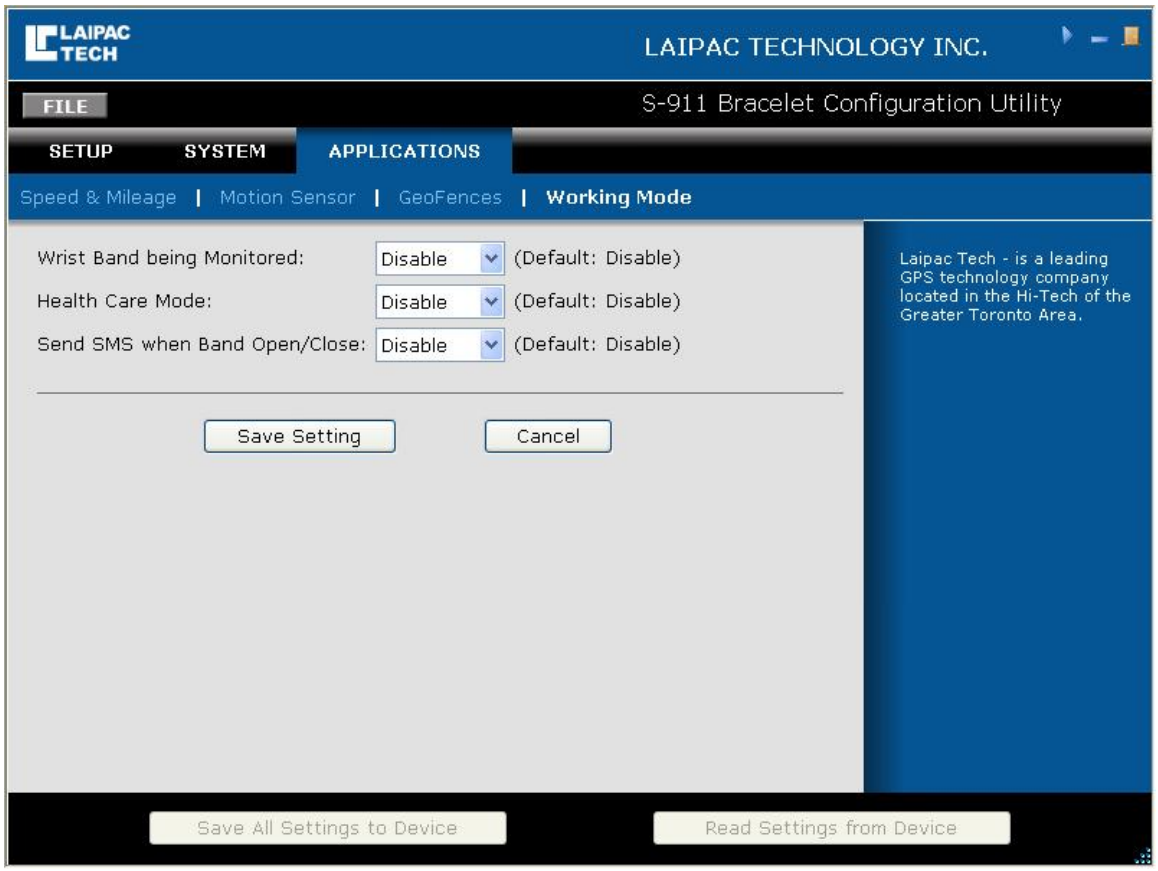
Send SMS when Alerted: Provides the option to enable or disable the sending of the g-force alert as an SMS to Emergency Number 1.

Applications GeoFences



Send SMS when alerted: Provides the option to enable or disable the sending of SMS messages to Emergency Number 1 on geo-fence enter or geo-fence exit.

Applications Working Mode

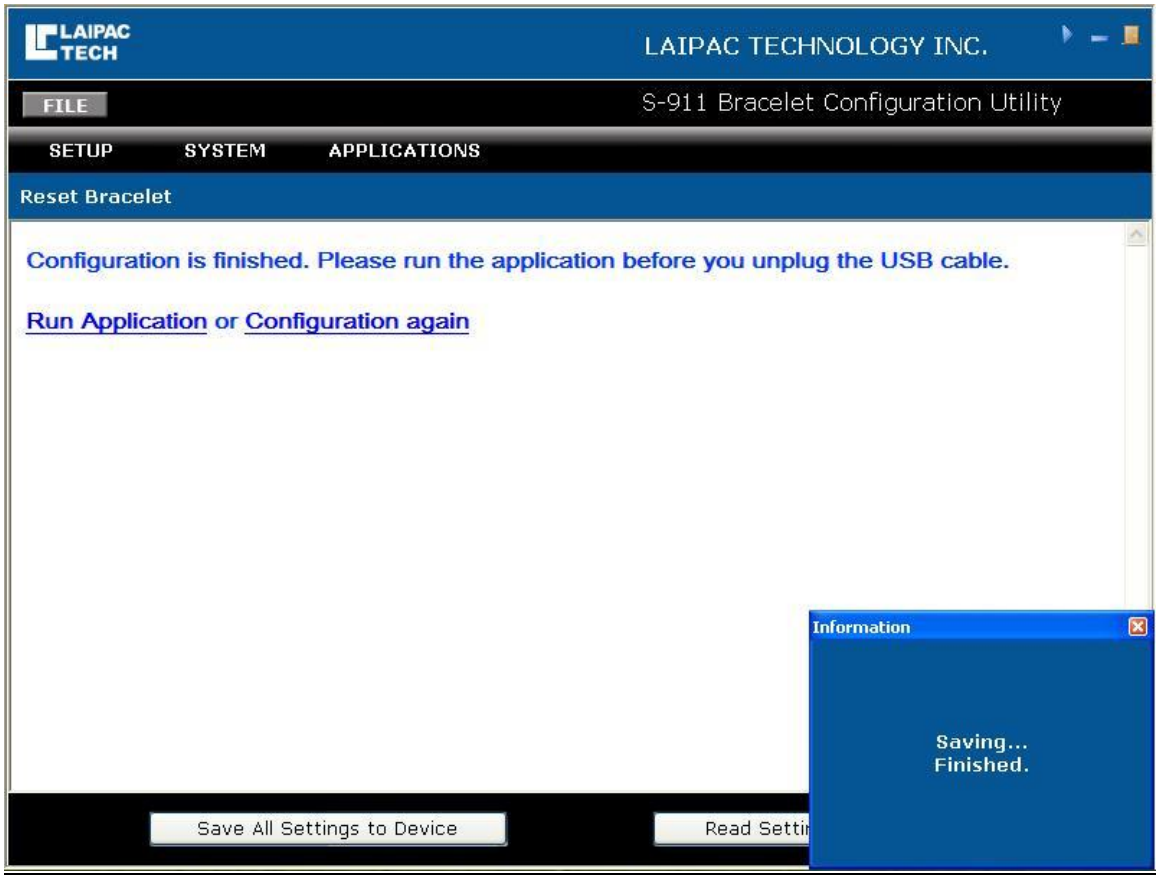


Wrist Band being Monitored: Provides the option for enabling or disabling the security version of the bracelet. By enabling the security wrist strap functionality, the bracelet security band will send alerts to the GPRS server upon band open or band closed.

Health Care Mode: Provides the option for enabling or disabling the health care functionality of the bracelet. By enabling the health care, the 4 arrow buttons and the phone numbers for emergency and assistance provide different results. Please review the bracelet Health Care Mode section of this manual.

Send SMS when Band Open/Close: Provides the option for enabling or disabling the ability to send SMS messages to Emergency Number 1 when the security band becomes open or closed.

Saving Parameters



Click "Save All Settings to Device" button. A window will pop up at the corner of your screen saying "Saving…" followed by "Finished."

So far you have completed all necessary setting for this unit. If you don't need to change any other parameters, you can press "Run Application" to run the application on unit. If you need modify other parameters, please press "Configuration again" back to setting window.

We suggest backing up of the unit parameters to a file. Next time just reload parameters from this file and do the necessary modification.

4 Exit Configuration Mode

Step1 - Disconnect USB cable from Bracelet USB port
Step2 - Press "OK" and "Send" buttons at same time
Step3 - Release "OK" and "Send" buttons, Bracelet will enter into normal working mode to run demo application.

- Chapter 3 -
Operation Instruction

Scopes

This document describes the S-911 Bracelet demo (V1.21) operation procedures. The corresponding hardware version is V3.0.

Features

The main features include SOS and Emergency call, phone book, SMS, instant Geo-fence, real time position reporting, and setting parameters remotely.

Fig 1

Key Layout

There are 7 keys on front and 2 keys on right side. See Fig 1 and Fig 2. Power on/off key is also used to hang up a phone call.

Pre-Operation Instruction

Before operating the unit verify that the below three steps have been completed.

1. A valid SIM card has been installed. Refer to Chapter 1.
2. The configuration parameters have been set properly. Refer to Chapter 2.
3. The unit has been charged with enough power.

Charging

There are three main conditions for charging the unit listed below.

1. When the unit is off
   - Connect the USB cable to the charger. The LCD shows Fig 3. The flashing battery ICON means charging. Stable with full battery bar ICON means that the unit has finished charging. If you unplug the USB cable, the unit will shut down by itself.
2. When the unit is on.
   - Connect the USB cable to charger. The battery ICON on main menu will flash.
3. Unit is on and is at full charging status
   - Connect the USB cable to charger. Press power on/off key and hold for 4 seconds. The Unit will change to full charging status like 1.

For conditions 1 & 3, the display shows “charging” and will switch to “Complete” with a full battery bar ICON, when the unit is fully charged.
For condition 2, when the battery finishes charging, the battery ICON will stop flashing.

Fig 2

Powering the Bracelet

To power the bracelet, press the power on/off key for 3 seconds. The LCD backlight will flash 3 times and initializing information will be shown on the display. See Fig 5. The initializing procedure will take approximately 3 seconds.

Fig 3

Main Menu

After initializing, **"Main Menu"** is shown on LCD display, see Fig 6. The ICON to the left outlines the status of GSM. The time is shown in the middle. The ICON on the far right is for battery status and the one next to battery icon is used to indicate the status of GPS.
GSM ICON: The ICON on Fig6 means GSM is fixed and provides how many bars it is connected with or otherwise shows it is trying to connect to GSM.
GPS ICON: Flashing "G" means GPS is trying to connect and a stable "G" means GPS has connected.

Fig 4

Menu Operation

The menu key is the main button that allows the bracelet operator to access the available menu structure. The main menus that will be covered in this section are: Emergency Call, Phone Book, Short Message, Instant Geo-fence, Current Position, Speed and Heading, and Configuration.

The instructions to navigate through these menus are listed below.

Left key: the menu title will scroll from the left side.
Right key: a part of the menu title will be shown and then scrolls across the display.
Up/Down: Navigates through menu or sub menu options.
Menu key: Returns to the Main Menu.
OK: Confirms the current selection.

1. Emergency call (see Fig s1)

Fig s1

The first sub menu "Emergency Call" will be shown on the LCD after pressing the menu key (see Fig s1). Only a part of menu title is on the screen at first. After 2 seconds, the menu title will start to scroll until any function key is pressed and stop after 45 seconds of inactivity.

1.1 Emergency call phone book

Press Left key: displays the name (see Fig s1.1.1).
Press Right key: displays the phone number (see Fig s1.1.2).
Press Up/Down: selects another phone book item.
Press Menu key: will return to the Main Menu.
Press OK: confirms the selection and calls the number.

Fig s1.1.1

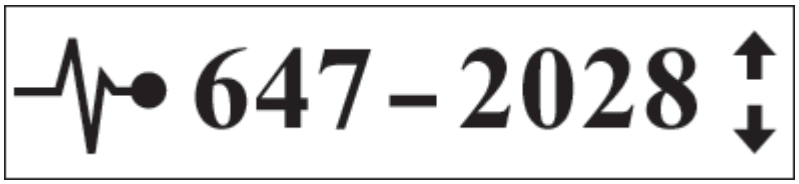


Fig s1.1.2

1.2 Calling

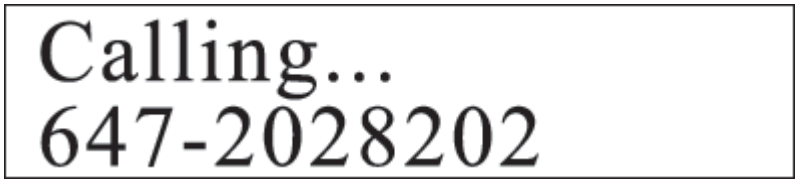


Fig s1.2

Press the Menu key or the Hang up key to cancel current call and return to the Main Menu. If call is successful, the display in figure 1.3 will appear.

1.3 Talking

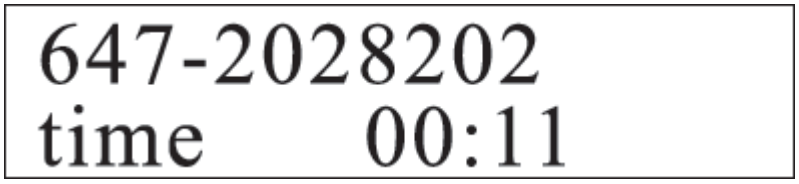


Fig s1.3

This display indicates that a 2-way voice session is open and counts the duration of the call.
By pressing the hang up key will hang up the current call and return to the Main Menu.
By pressing the Menu key will return to the Main Menu screen while keeping the voice session open.

2. Phone Book (see Fig s2)

Fig s2

2.1 Phone Book Selection

Press Left key: displays the name (see Fig s2.1.1).
Press Right key: displays the phone number (see Fig s2.1.2).
Press Up/Down: selects another phone book item.
Press Menu key: will return to the Main Menu.
Press OK: confirms the selection and calls the current number.

Fig s2.1.1

Fig s2.1.2

3. Short Message (see Fig s3)

Fig s3

3.1 Short Message Selection

Press Left key: displays the name (see Fig s3.1.1).
Press Right key: displays the short message (see Fig s3.1.2).
Press Up/Down: selects another name or SMS item.
Press Menu key: returns to the Main Menu.
Press OK: confirms the selection and sends an SMS to the phone number belonging to this name.

Fig s3.1.1

Fig s3.1.2

4. Instant Geo-fence (see Fig s4)

Fig s4

4.1 Geo Fence setting

Press Left/Right: selects different instant geo fence range.
Press Up/Down: sets the current geo fence to available or unavailable.
Press Menu key: returns to the Main Menu
Press OK: confirms the current selection and setting and then returns to the Main Menu.

Fig s4.1

5. My Position (see Fig s5)

Fig s5

5.1 Shows the current position (Latitude/Longitude)

Press the Menu key to return to the Main Menu.

Fig s5.1

6. Speed & Heading (see Fig s6)

Fig s6

6.1 Shows the current heading and speed (km/hr)

Press the Menu key to return to the Main Menu.

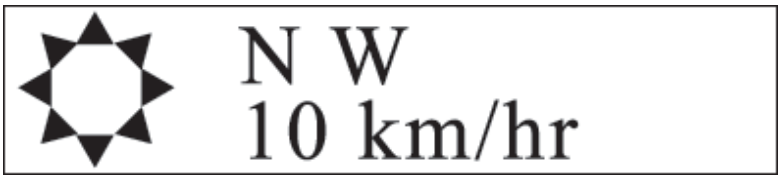


Fig s6.1

7. Configuration (see Fig s7)

Fig s7

7.1 Configuration selection sub menu (see Fig s7.1)

Press Left/Right: sub menu or functions selection
Press OK: confirms and goes to the selected submenu.
Press Menu: returns to Main Menu

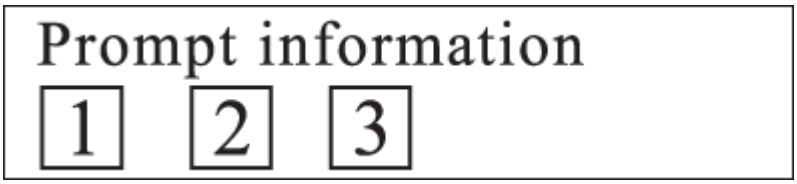


Fig s7.1

7.1.1: Set date and time

7.1.2: Set time zone.

Fig s7.1.2

Press Up/Down: changes the current value
Press OK: confirms the current menu operation setting and returns to the Main Menu
Press Menu: cancels the current menu operation setting and returns to the Main Menu

7.1.3: Set alarm.

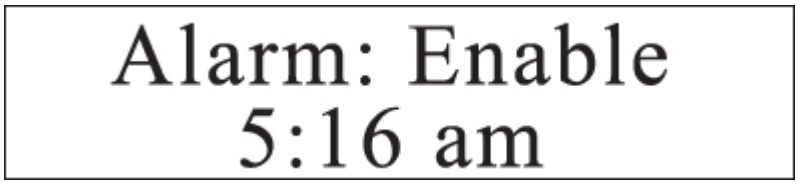


Fig s7.1.3

Press Up/Down: changes the current value
Press Left/Right: selects the next operation item
Press OK: confirms the current menu operation setting and go back to the Main Menu
Press Menu: cancels the current menu operation setting and returns to the Main Menu

7.1.4: PGM. Download.
Press OK, and the Unit will reboot with the LCD screen showing "Resetting……"

Call/Send Key Operations

If GSM is not fixed, press the call/send key and the unit will start to connect with GSM. To go to the phone book menu directly, press the call/send key. This can only be accomplished when the bracelet is connected to GSM.

SOS Key Operations

Press and hold the SOS key for 5 seconds, see **Fig 5**

1) Sends the SOS information to central server by GPRS.
2) Sends the SOS SMS to emergency phone1.
3) Calls the SOS phone number.

SOS message
Sending ……

Fig 5

Press and hold the Power on/off key for 3-5 seconds and the unit will be shut down.

Remote Inquiring and Setting

Emergency phone numbers setting can be accomplished by remote configuration. See Fig 6.

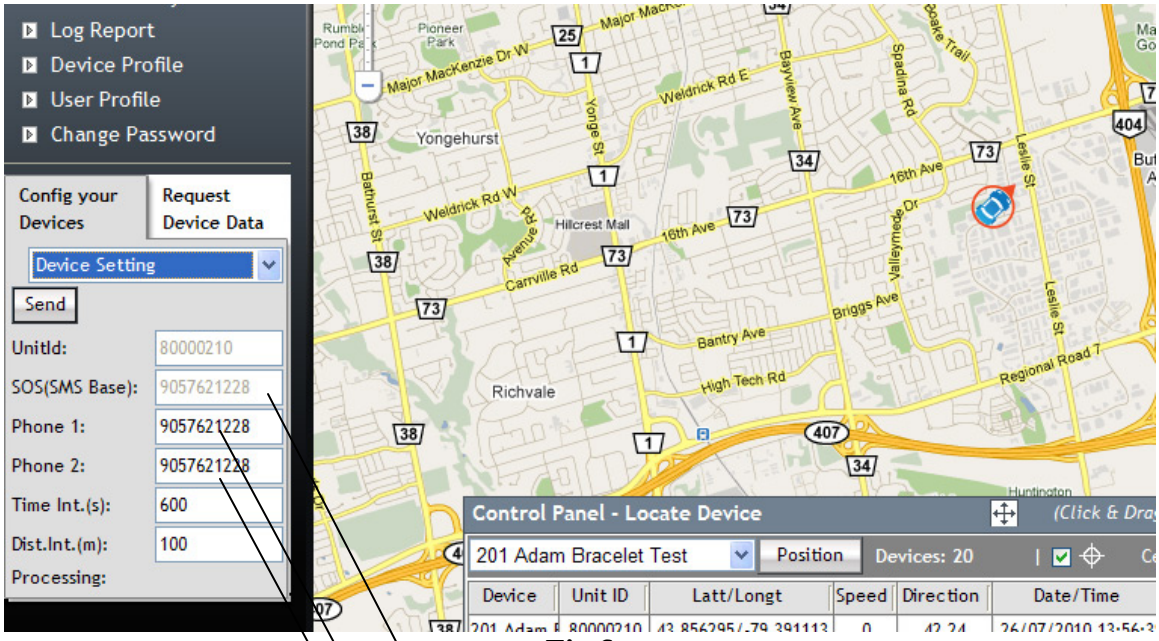


Fig 6

SOS phone number
Emergency phone number 1
Emergency phone number 2

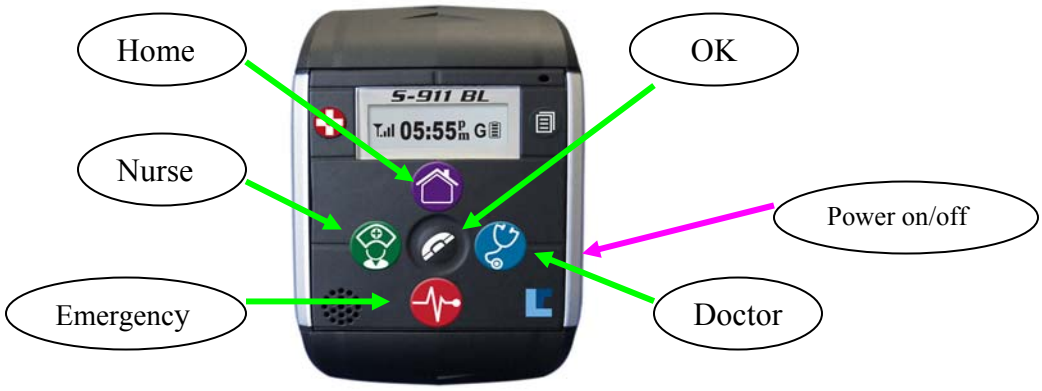
- Chapter 4 -
Health Care Differences

Overview

Quick phone call on BL-HC (Health Care) version

This is special feature for Bracelet-HC version. It could be very helpful for user who use the one-touch phone call function.

Under the bracelet locaters cover menu, the user can execute this **Quick phone call operation** coming with the Health Care model of bracelet.



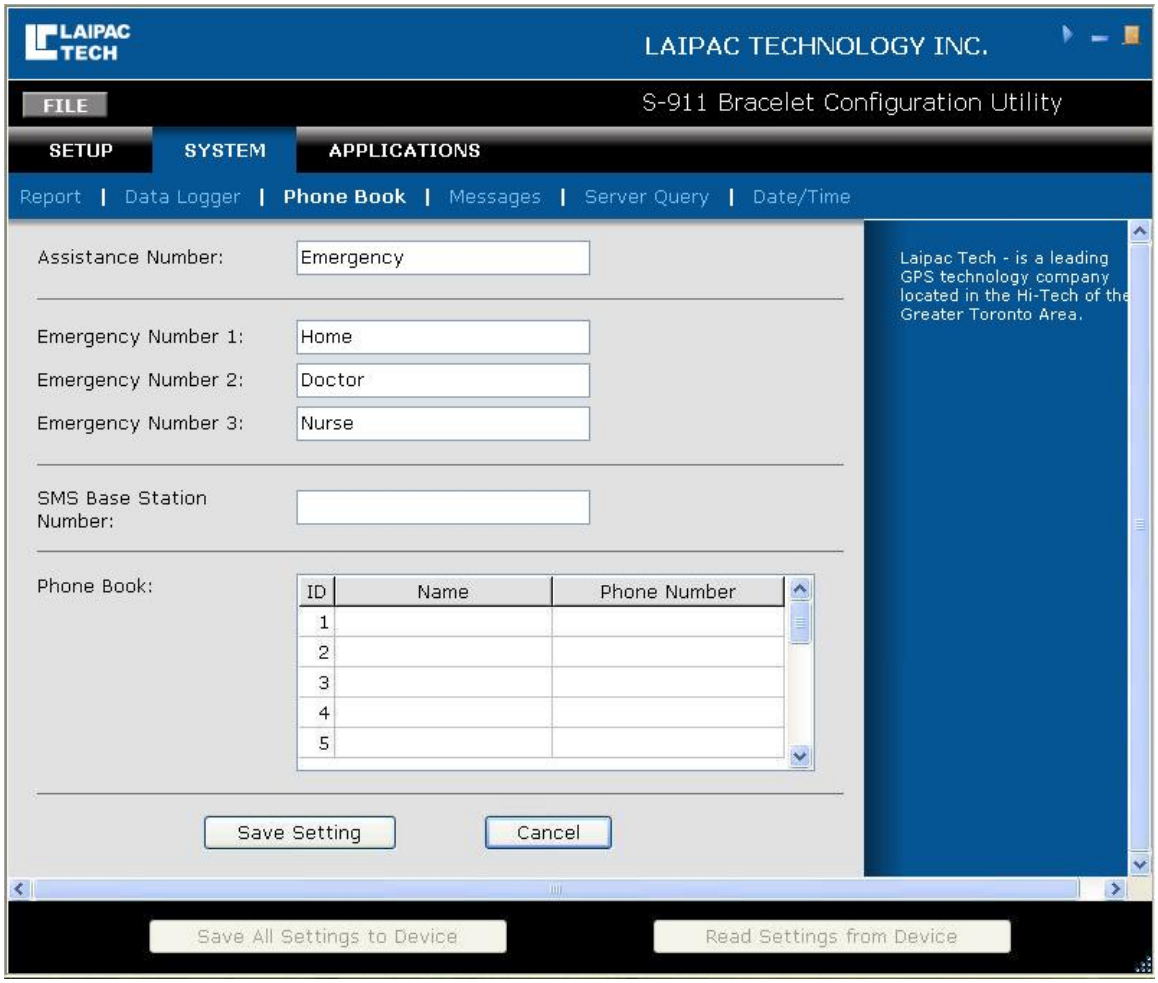
During the dialing process above, if user wants to stop this operation, he can press “OK” to cancel current dialing operation and hang up.

If the call has been developed or completed, user can press Power on/off side button to hand up the current call.

BL V1.46 continues provide phone book function. Under BL’s cover menu, user can press central “OK” button to enter into “Phone Book” sub menu. For operation of “Phone Book”, refer to the phone book section (Section 2) of Chapter 3 Operation Instruction of this manual.

One Touch Button Phone Number Assignment

In the System Phone Book section of the manual, the assistance number and emergency numbers are utilized for the one touch button assignment. All numbers entered into the utility should be local numbers.



Hold "Up/Home" button at least 2 seconds, unit will make a phone call to Home directly, Home's phone No. is set up by BL's utility through item emergency #1.

Hold "Left/Nurse" button at least 2 seconds, unit will make a phone call to Nurse directly, Nurse's phone No. is set up by BL's utility through item emergency #2.

Hold "Right/Doctor" key at least 2 seconds, unit will make a phone call to Doctor directly, Doctor's phone No. is set up by BL's utility through item emergency #3.

Hold "Down/Emergency" key for at least 2 seconds, unit will make a phone call to Doctor directly, Doctor's phone No. is set up by BL's utility through item SOS #.