AlcoCONNECT Toolbox

User Manual

Disclaimer – External Documents note to reader
The g/210L BrAC reading obtained by correct use of this device is only considered accurate at the time of testing. Great care has been taken to ensure the accuracy of each reading. Neither the manufacturer, the distributor, nor the owner accepts liability or responsibility due to any action or claim arising from the reading produced by this device, whether used correctly or incorrectly.

Contents

1 Introduction

AlcoCONNECT Toolbox assists in the analysis of data downloaded and software update from the following Alcolizer devices. Not all features apply to all devices.

- HH3 Alcohol Tester
- HH4 Alcohol Tester
- LE5 Alcohol Tester
- LE5 Druglizer

The AlcoCONNECT Toolbox software can be downloaded from
https://www.alcolizer.com/software-updates/

This User Manual details how to use AlcoCONNECT Toolbox with the listed devices.

2 Installing AlcoCONNECT Toolbox Software

AlcoCONNECT Toolbox is downloaded as a zip file, so you may need to extract the Windows installer package. Install the program. Installation is quick, there is no set up needed or any successful notification.

Following a successful installation, an AlcoCONNECT Toolbox icon will appear on the Desktop. If it does not, then search for AlcoCONNECT in your program list.
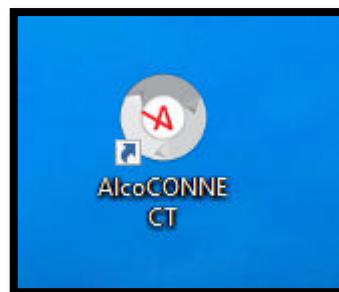

Figure 1 AlcoCONNECT Toolbox Shortcut

3 Connecting Alcolizer device to AlcoCONNECT Toolbox

Once installed onto your computer, use AlcoCONNECT Toolbox as follows:

- Connect the Alcolizer device to the computer via the USB cable.
- Double click the AlcoCONNECT Toolbox icon.
- Turn the Alcolizer device on.

A successful connection between the Alcolizer Device and the computer/AlcoCONNECT Toolbox will be shown by a green bar on the *Read Event Log* window.
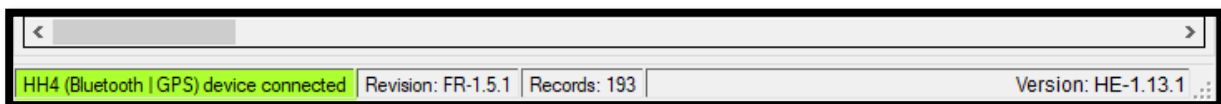

HH4 (Bluetooth | GPS) device connected | Revision: FR-1.5.1 | Records: 193 | Version: HE-1.13.1

Figure 2 Green bar indicates a device is connected

4   Configuring AlcoCONNECT Toolbox

4.1   Language

Access Language Settings by clicking on *File*, then *Language* in the menu and then choose the language you would like to use.
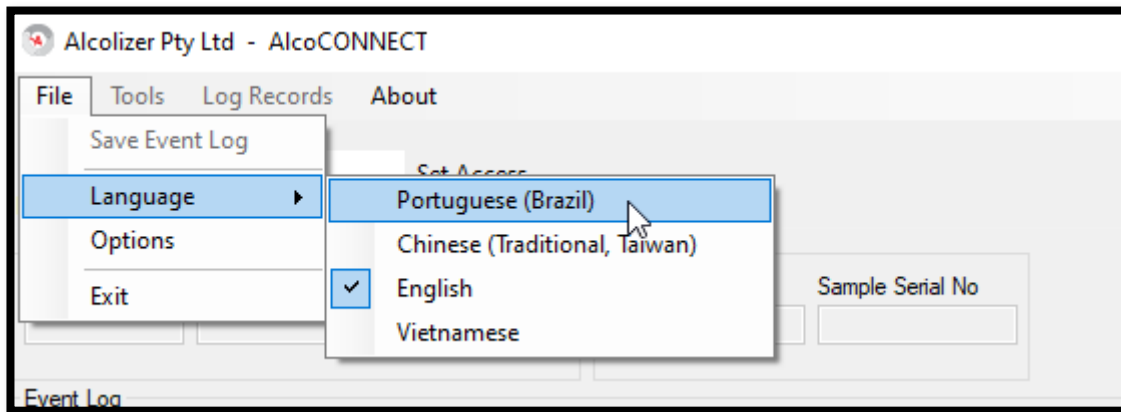

Figure 3 Customise the language used in AlcoCONNECT Toolbox

4.2   Log Settings

Access Log Settings by clicking on *File*, then *Options in the menu.*

4.2.1   Record Filter

When the Log Settings window appears, the Record Filter tab will selected by default. You can filter the data by record type and column. Check or uncheck boxes as required to customise the log output format.
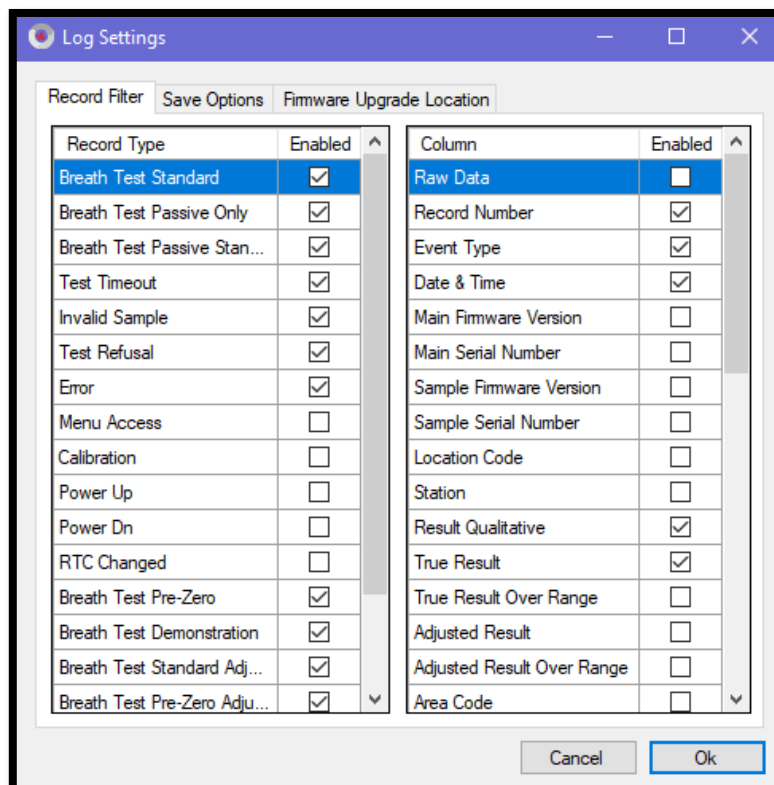

Figure 4 - Log Settings Window

4.2.2 Default Save Options

In the Log Settings window click on the Save Options tab.

You can customise the:

- Path
  - o Click on Browse and choose the required directory
- File Name Pattern –
  - o Click on Show Tokens and a list of tokens are displayed with description and sample.
  - o You can add a file name pattern (Token) to the file name pattern by double clicking on the row.
  - o You can add spaces or characters between the tokens in the file name pattern field.
  - o Token options include
    - ▪ [MMSerial] – Main module serial number
    - ▪ [SMSerial] – Sample module serial number
    - ▪ [MMFWV] – Main module firmware version
    - ▪ [SMFWV] – Sample module firmware version
    - ▪ [DateTime0-3] – date and time in various formats
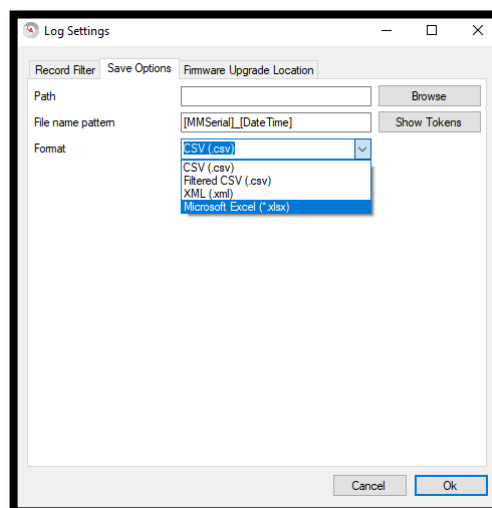- File Format – options include
  - o CSV
  - o XLSX
  - o XML

Figure 5 Set default Save Options

4.2.3 Firmware Upgrade Location

In the Log Settings window click on the Firmware Upgrade Location tab. Click on Browse and choose the directory where you will save any firmware files provided by Alcolizer. Click on OK.

5   Logs

5.1   Reading Logs

Click the Read Event Log button and the Event Log will then be displayed. You can also click on *Log Records* in the menu and choose *Read Event Log*.
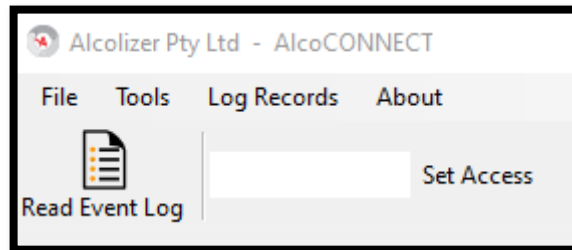

Figure 6 - Read Event Log Button

Event Logs can be saved for future analysis.

- Click the "Read Event Log" button to populate the event log with records.
- Click on File > Save Event Log.
- Choose where you want to save the log.
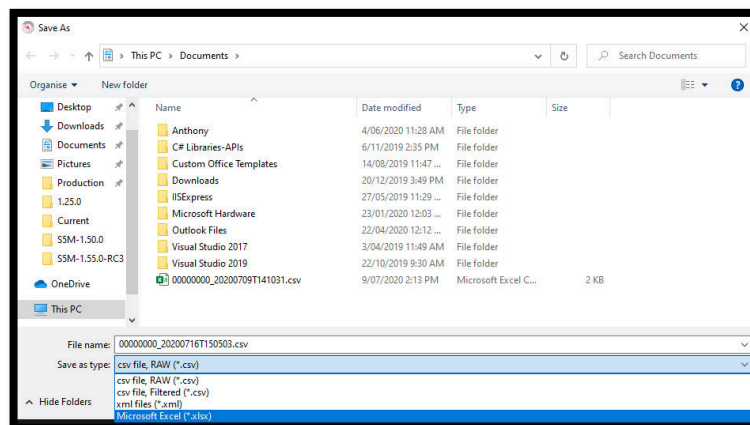- Click the "Save as type:" drop down menu and select required format (Options are CSV, XML or xlsx).

Figure 7 – Save as type drop down options

- Click the "Save" button, and the file will save in the selected format/location.

Figure 8 Breathalyser Event Log

Figure 9 Druglizer Event Log

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5.2   Navigating around the Event Log Page

Refer to the below table and Figure 5 for a description of the Event Log page.

Figure Reference	Icon, Button or Heading	Description
1	Read Event Log Icon	Select to download records from the Alcolizer device.
2	File Icon	Select for: Save Event Log – save as a .csv or xml file to a file location in computer or elsewhere. Language - Choose a language if the Alcolizer device is configured for multiple languages. Options - Set Log Settings.
3	Log Records	Activates the Event Log application. Same function as the Read Event Log icon.
4	Set Access	Used by authorised persons to access certain AlcoCONNECT Toolbox functionality. Select the icon after inputting correct access code.
5	Sample Serial Number	The serial number of the sample module.
6	Record Number	The number of each record.
7	Event Type	The type of test performed or event. E.g. breath test type (passive, standard), test timeout or refusal etc.
8	Date and Time	The data and time of the event.
9	Result Qualitative	Passive test result.
10	True Result	Mouthpiece test result.
11	Serial Number Main Serial No	The serial number of the Alcolizer device.
12	Drug Name	The name of the drug tested
13	Drug Test Result	The drug test result
14	Cartridge ID	The production ID of the cartridge batch
15	Cartridge Expiry	Expiry date of the test cartridge

> **NOTE Firmware version display is now displayed in a new format X.Y.0 this is the equivalent to previous format X.Y**

5.3   Saving Logs

When you have read event logs, you can save them for future analysis. See Default Save Options to see how to configure how logs are saved by default.

1. Click the "Read Event Log" button to populate the event log with records.
2. Click on File > Save Event Log.
3. Choose where you want to save the log.
4. Click the "Save as type:" drop down menu and select required format (Options are CSV, XML or xlsx).
5. Click the "Save" button, and the file will save in the selected format/location.
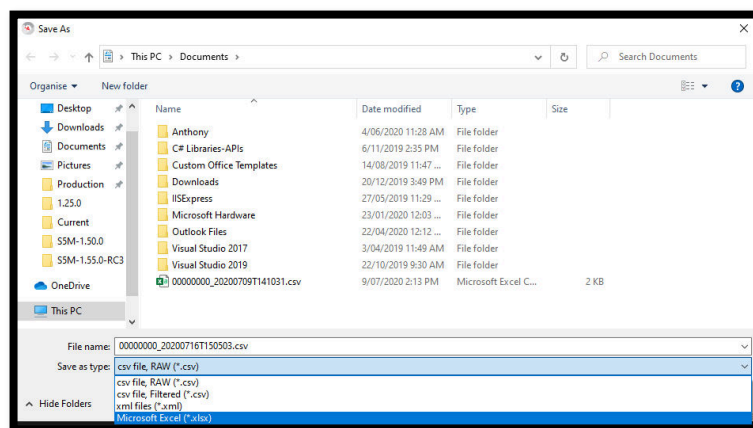
Figure 10 – Save as type drop down options

6   Firmware Updates (Druglizer Only)

If you have been provided a firmware update file from Alcolizer Technology, follow these steps to install it on your device. Currently this is only applicable to Druglizer devices. (According to Ang).

1. Connect your device to AlcoCONNECT Toolbox.
2. Click on Tools in the menu and then click on Firmware updates.
3. A Firmware Updater window will appear. Click either the small rectangular button on as circled below. Your computer will display a window for you to locate the firmware. Navigate to the folder you unzipped the firmware file into and select the provided file and click on Open.
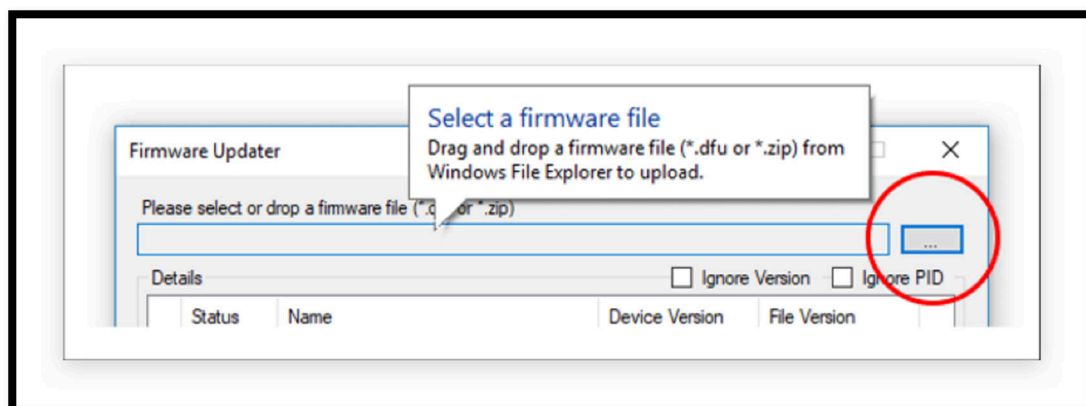
4. The new firmware file version will be displayed next to the existing firmware. If AlcoCONNECT™ Toolbox recognises newer firmware it will allow an update and so in that instance, click the 'Update Device Firmware' button.
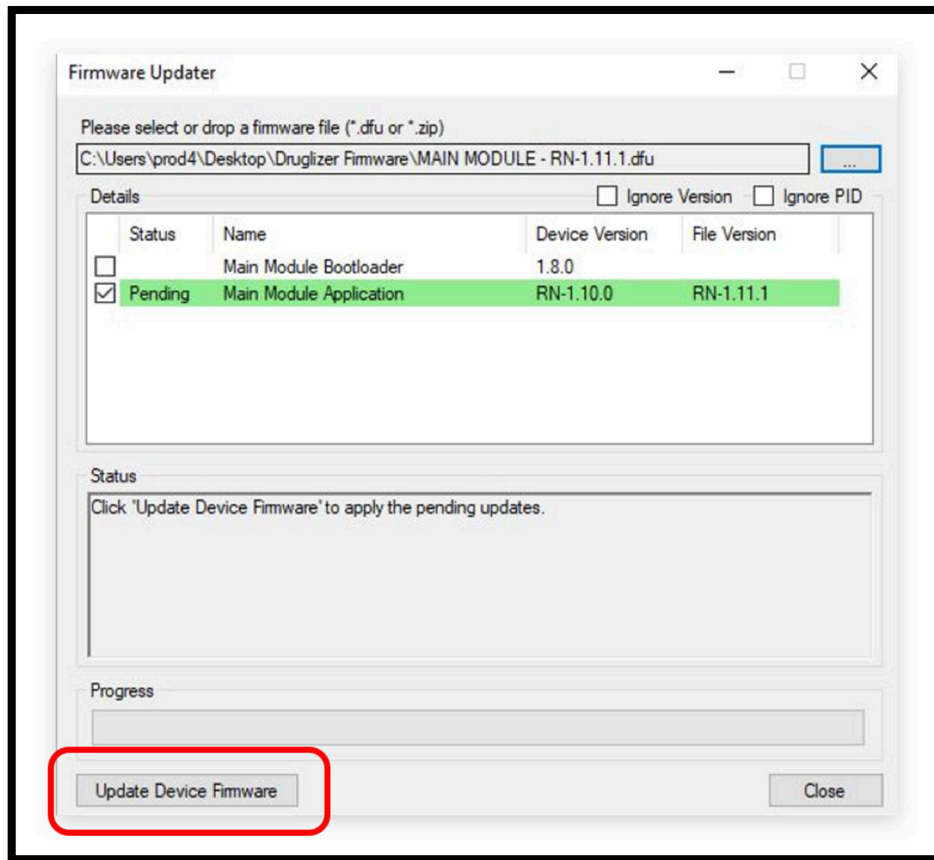
5. A bar at the bottom of the window will display progress. The instrument will emit a beep to confirm install completion. If required remove and reinsert the Sample Module to help reset the instrument.
6. On your Alcolizer device, open the About screen and check the firmware (Software) Version. The versions displayed should be the same as indicated in the filenames.

7   Extra Features

To access the following extra features, enter the access code '00005000' and click on Set Access.
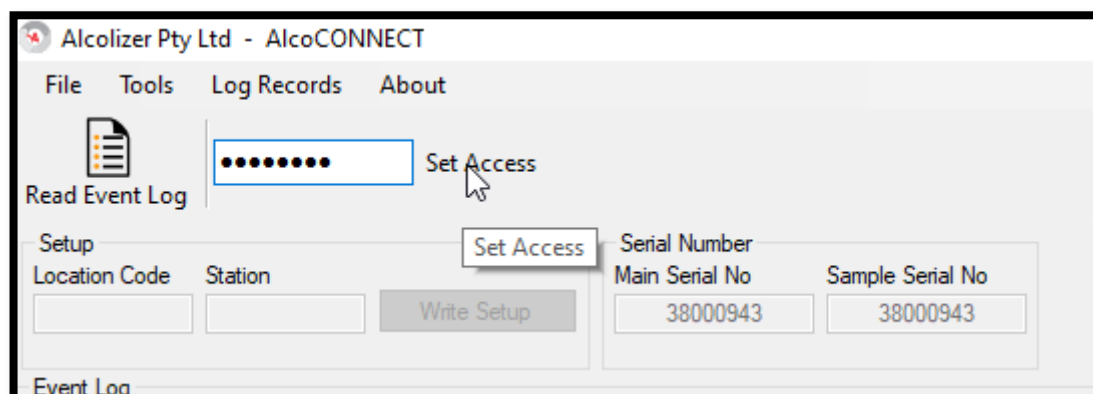
7.1.1 Set Time

A new Set Time button appears next to the Read Event Log button. A popup window will appear that displays the Alcolizer device time and PC time. You can choose to sync your device to the PC time or set the date and time manually.

When entering a date manually:
- Enter the date in the first field in this format DD/MM/YY.
- Enter the time in the following format HH:MM:SS PM or HH:MM:SS AM.
- The Manual Setting button will be greyed out if an invalid date or time is entered.
- The incorrect value will be displayed in red text.
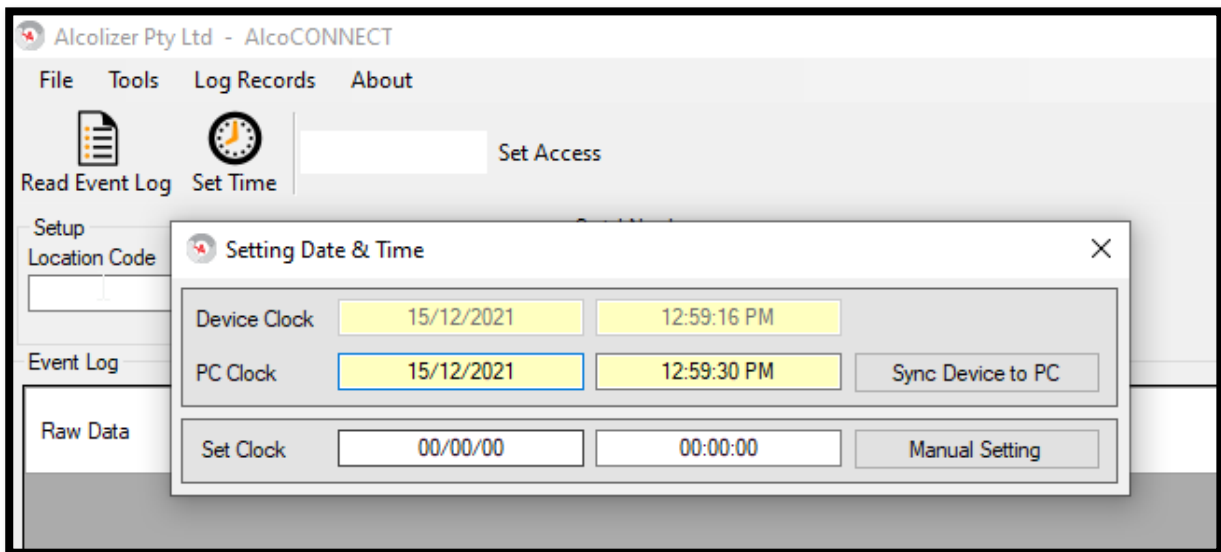
Figure 11 Set Alcolizer Device time manually or from the PC time

7.1.2 Configuration Editor

Click on *Tools* and then *Device Config*. Click on Read from device to read the current device config. You will be able to change most but not all configuration settings. Anything highlighted in dark grey cannot be modified. You should understand what each configuration item changes before modifying it. An example of changing a config item is explained below using the Code 0 item.

Figure 12 Configuration Editor

7.1.2.1 *Code 0 Example*

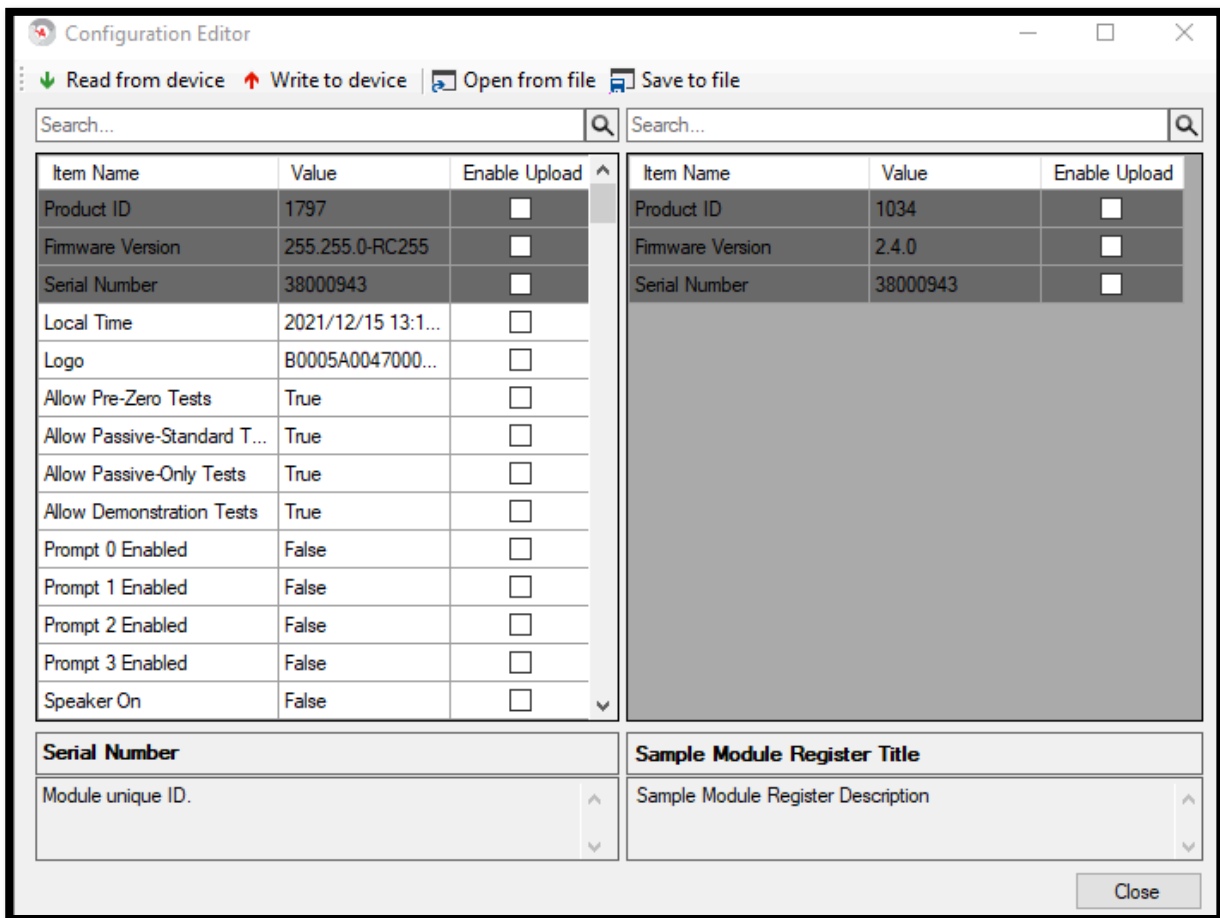Code 0 is a code that can be entered on your Breathalyser devices that will be linked with any breath tests. It can be used to define something about the use of the device at the time of use, eg who is using it or where are they using it etc.

7.1.2.1.1 Enable Code 0 (Area Code)

1. Enter Code 0 in the search bar. This will filter the config items to anything that matches code 0.
2. Set the value of configuration item "Code 0" to **True**. Check the Enable Upload checkbox and click on Write to device.
3. A popup with the title Device Busy will appear. If the config upload is small, this only appears for a second.
4. Restart the device.
5. Enter the User Menu and the item Area Code should appear in the menu.
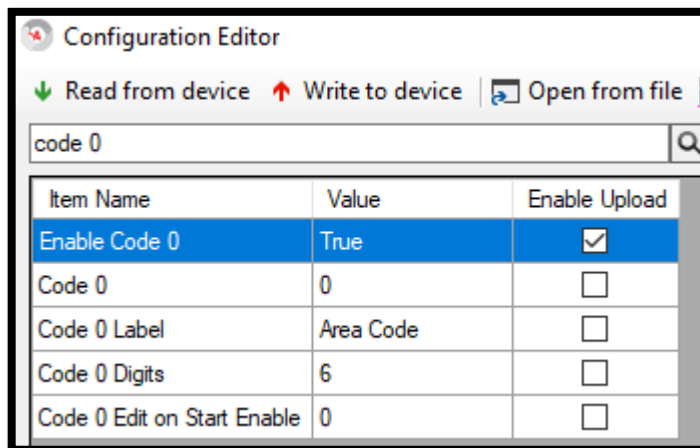6. Select it and you should be able to enter a value for this.
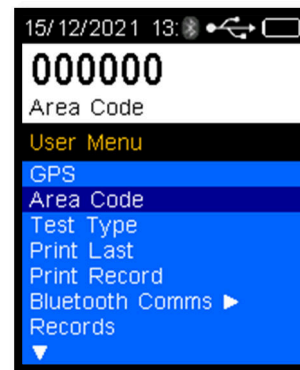
Figure 13 Enabling Code 0

Figure 14 Code 0 (Area Code) appears in User Menu

7.1.2.1.2 Change Code 0 Label

1. Enter Code 0 in the search bar. This will filter the config items to anything that matches code 0.
2. Set the value of configuration item "Code 0 Label" to **Staff ID**. Check the Enable Upload checkbox and click on Write to device.
3. A popup with the title Device Busy will appear. If the config upload is small, this only appears for a second.
4. Restart the device.
5. Enter the User Menu and the item Staff ID should appear in the menu.
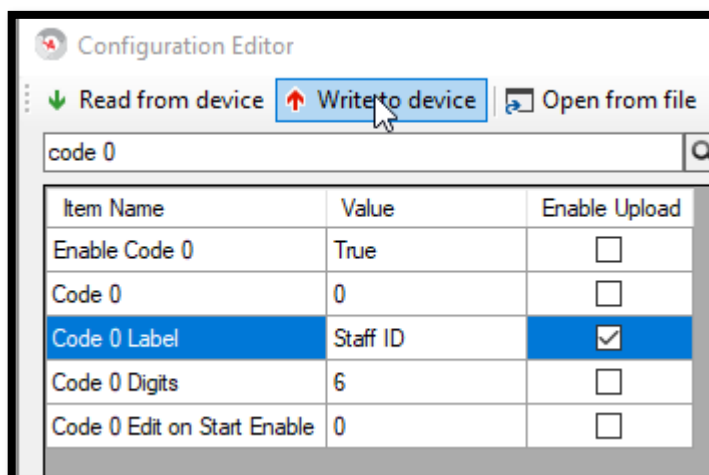6. Select it and you should be able to enter a value for this.
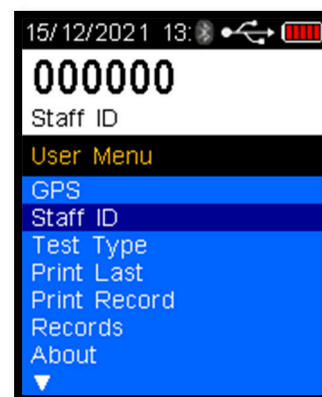

Figure 15 Changing Code 0 Label

Figure 16 Code 0 (Staff ID) appears in User Menu

7.1.2.1.3 Change Code Edit on Start Enable

1. Enter Code 0 in the search bar. This will filter the config items to anything that matches code 0.
2. Set the value of configuration item "Code 0 Edit on Start Enable" to **1**. Check the Enable Upload checkbox and click on Write to device.

3. A popup with the title Device Busy will appear. If the config upload is small, this only appears for a second.
4. Restart the device.
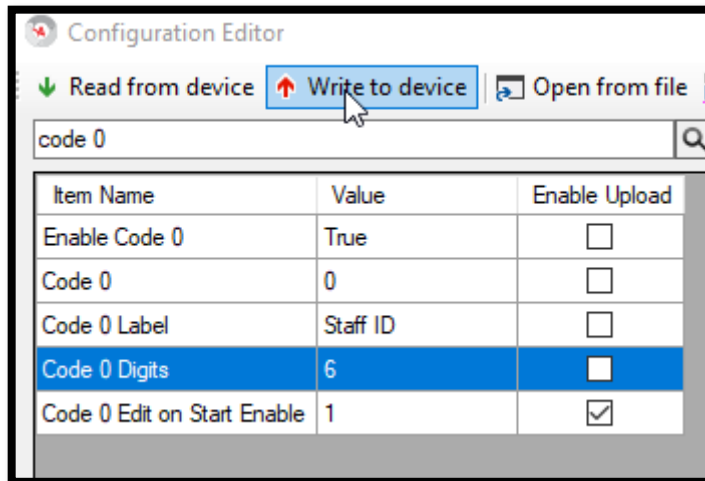5. Observe that the code screen is now available at startup.

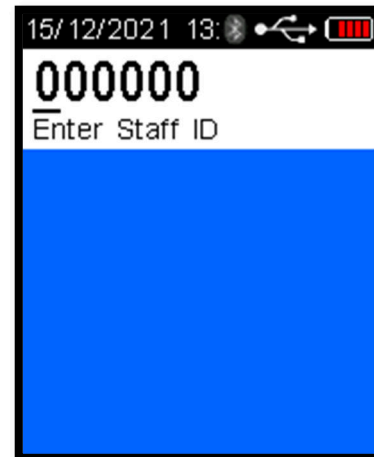**Figure 17 Changing Code 0 Edit on Start Enable**

Figure 18 You are now prompted to enter Staff ID on device start up.

7.1.3 Upload a config file

If Alcolizer Technology has provided you with a config file to upload, then follow these instructions.

1. Click on *Tools* and then *Device Config*.
2. Click on Read from device to read the current device config.
3. Click on Open from file and choose the provided S5C config file.
4. The changes will be applied to the listed config and each config item that will be uploaded will be checked.
5. Click on Write to device to upload the config to your Alcolizer Device.
6. A Device Busy pop up will appear and then disappear.
7. Check your device to make sure the required config changes were made.

7.1.4 Clearing (Deleting) Event Logs on an Instrument

1. Click Log Records > Clear Device Records.
2. Click on OK to confirm you would like to clear all records from the Alcolizer device.
3. Restart your Alcolizer device before performing any tests.

8 About Screen

The About screen gives you details about the version that is installed. You should always have the latest version installed. You can find the latest version on our website (www.alcolizer.com)

1. To access the About screen, click on About and then About This Program in the top menu.
2. Look for Version: HE-#.##.# to find the installed version number.