

## OnSite Testing data relay App

*User Manual*

# OnSite Testing data relay



### Disclaimer – External Documents note to reader

The BrAC reading obtained by correct use of this device is only considered accurate at the time of testing.

Diligent attention 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.

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## 1 OnSite Testing data relay App

The OnSite Testing Data Relay app (app) receives test records from a single paired Bluetooth Low Energy (BLE) enabled Alcolizer handheld device. Test records are automatically synced to the AlcoCONNECT Data Management System. The app is designed so breath tests are received even when another app has focus or the smart device is locked.



*OnSite Testing data relay app and the AlcoCONNECT™ Live data management system - a diagram*

### 1.1 Requirements

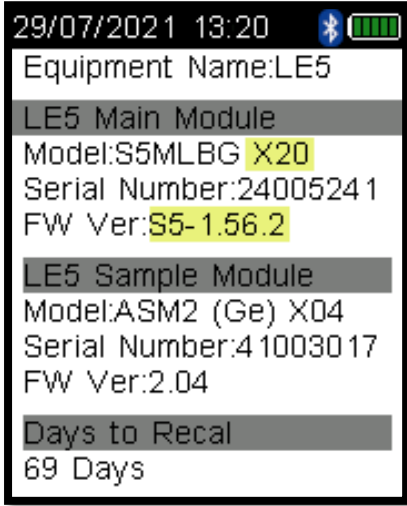
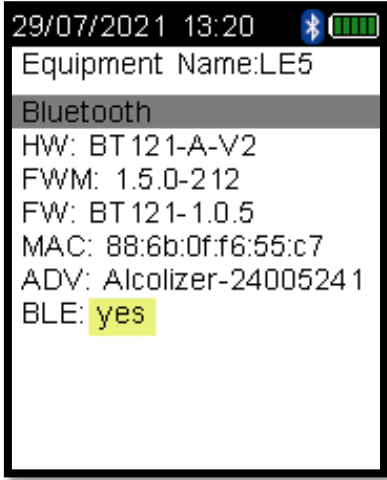
**PLEASE NOTE: The app should only be paired with ONE Alcolizer handheld device at a time.**

To utilise the data relay app, you will need:

#### 1. BLE enabled Alcolizer handheld device with supported iOS device:

	Alcolizer Technology Device Minimum Specs		
	Alcolizer LE5 Alcohol Tester	Druglizer LE5 Drug Tester	Alcolizer HH4 Alcohol Tester
Main Module Software	S5-1.56.1 or later	<b>Not Supported Yet</b>	<b>Not Supported Yet</b>
BLE Enabled	BLE shows yes		
Main Board	MLBG X20		

Check all these specs in the About screen on your Alcolizer handheld device.

About Menu – Screen 1	About Menu – Screen 2
 <p>29/07/2021 13:20 [Bluetooth] [Battery]</p> <p>Equipment Name:LE5</p> <p><b>LE5 Main Module</b></p> <p>Model:S5MLBG X20 Serial Number:2400524 1 FW Ver:S5-1.56.2</p> <p><b>LE5 Sample Module</b></p> <p>Model:ASM2 (Ge) X04 Serial Number:4 10030 17 FW Ver:2.04</p> <p><b>Days to Recal</b></p> <p>69 Days</p>	 <p>29/07/2021 13:20 [Bluetooth] [Battery]</p> <p>Equipment Name:LE5</p> <p><b>Bluetooth</b></p> <p>HW: BT 121-A-V2 FWM: 1.5.0-212 FW: BT 121-1.0.5 MAC: 88:6b:0f:f6:55:c7 ADV: Alcolizer-2400524 1 BLE: yes</p>
<p>Look for LE5 Main Module section:</p> <ul style="list-style-type: none"> <li>• Model: X20</li> <li>• FV Ver: S5-1.56.2 or later</li> </ul>	<p>Look for the Bluetooth section:</p> <p>BLE:yes</p>

- Should your firmware need to be upgraded, contact Alcolizer Technology (<https://www.alcolizer.com/contact>) or your Authorised Distributor for a free upgrade.

### 3. A suitable smart device:

The app has been fully tested on the following device. The app may work on other devices, Alcolizer does not guarantee the performance with devices that are not listed in the table below:

Smart Device Specs	
<b>Apple</b>	
Operating System Version	14.6+
Bluetooth Style	Bluetooth Low Energy (BLE)
Device Model	iPhone11 MHDA3X/A

### 4. Other required functionality features:

- A login to AlcoCONNECT™ Live
- Internet connection on the smart device.

## 2 APP Installation

1. Access the url <https://www.alcolizer.com/alcolizer-data-relay-app-distribution/>
2. Click on Installation Instructions and read the instructions.
3. Click on the Install button and follow the installation instructions.
4. The User Manual is available for download from the install page.

### 2.1 Accepting APP Permissions

Enable Bluetooth on your smart device.

If you want to store the location of each test, you must enable location on your smart device.

When you first open the app you must allow the app access to use Bluetooth.

Then you must allow the app to use location if you want the location of each test result recorded. Choose the “Allow While Using App” option. Once you have done this, you need to change the location permission to “Always”. This allows the location to be received when the app is in the background or the smart device is locked.

On an iOS device

- Access Settings – Privacy and Location Services
- Tap on App
- Select “Always”
- Make sure Precise Location is enabled



Set the location permission to 'Always'

## 3 Main Screens

Throughout this user guide, we will refer to the following three main sections.

### 3.1 Dashboard Screen

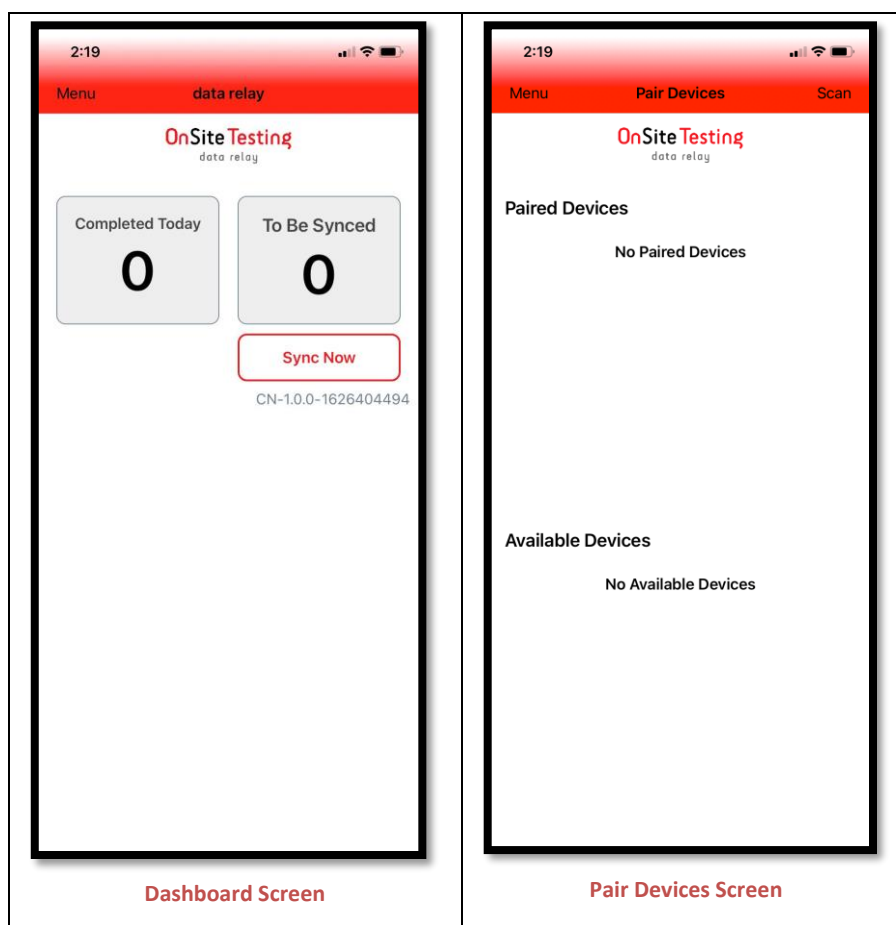
The Dashboard is the main screen of the app and shows the number of tests completed today and the number of tests stored in the app that still need to be synced to the AlcoCONNECT Data Management System. It also has a Sync Now button that can be used to try and sync any of the tests that are still stored on the app.

### 3.2 Menu

The menu is located on both screens and allows you to switch between the Dashboard and Pair Devices screens.

### 3.3 Pair Devices Screen

The Pair Devices screen shows you the currently paired devices and allows you to pair new devices.



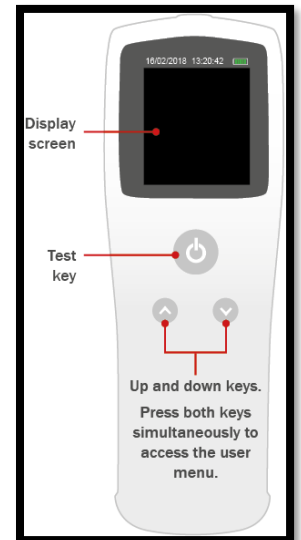
## 4 Pairing the data relay App with a BLE Enabled Alcolizer Handheld Device

### 4.1 Enable Bluetooth on iOS Smart Device

Enable Bluetooth on your Bluetooth enabled smart device (EG iOS phone).

### 4.2 Initial Breathalyser Setup

1. Access the setup menu on your Alcolizer device by pressing and holding the up and down keys simultaneously for approximately 5 seconds whilst in the idle screen mode.
2. The menu screen will be displayed during this process and then the password set-up code '00000000' will be displayed.
3. Press the test key until the cursor is under the fifth '0'.
4. Press the up key until that number is '5'.
5. Press the test key until the Setup menu is displayed.
6. Press the down key and choose "Bluetooth Comms".
7. Make sure "Enable Bluetooth" is set to "Yes".
8. Select "Serial".
9. Select "Auto Send Standard".
10. Make sure "Auto Send Standard" is set to "All".
11. Select "Auto Send Passive".
12. Make sure "Auto Send Passive" is set to "All".
13. In the Setup Menu select "User Menu Setup".
14. Look for "Enable Bluetooth Comms" and use the test key to set it to Yes



**LE5 handheld device:**  
display screen, test keys  
and user menu access

### 4.3 Pairing

1. From the Dashboard in the app tap on the menu and choose "Pair Devices".
2. On the breathalyser select "Bluetooth Comms" and then "Pairing" in the user menu.
3. The breathalyser will display "Searching....".
4. In the app tap on "Scan".
5. The app will display "Please Wait...".
6. The app will list all devices that were found in the Available Devices Section.
7. Tap on "Pair" next to the device you want to use.
8. You will be prompted to enter the pin that is displayed on the breathalyser.
9. Enter the pin in the app and tap on "Pair".
10. On successful pairing the breathalyser screen will display "Paired".
11. The paired device will appear in the Paired Devices list.
12. Press the "Test" key on your breathalyser and then use the down arrows to select "Back" to exit to the idle screen.
13. In the app go back to the "Dashboard" screen via the menu.

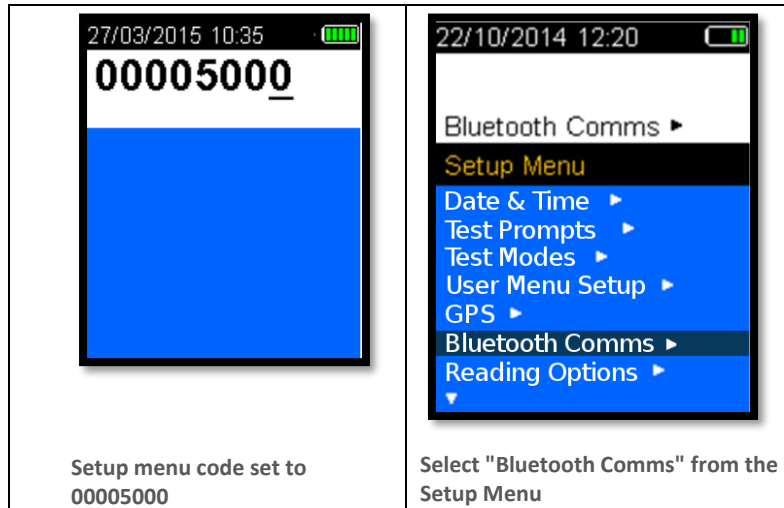
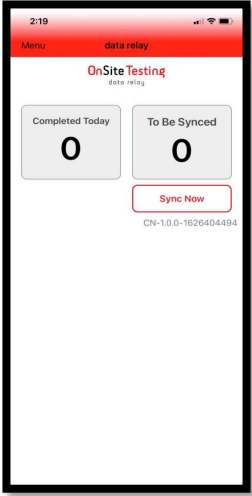
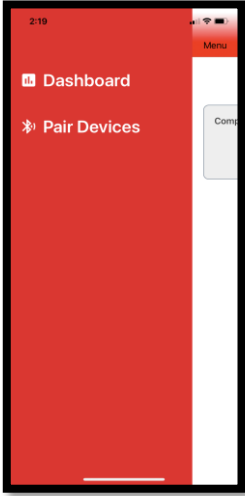

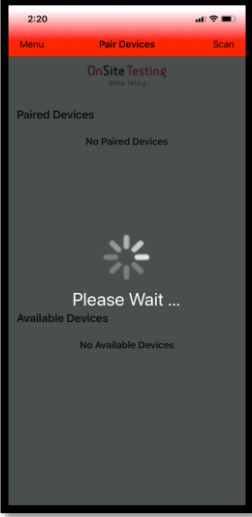
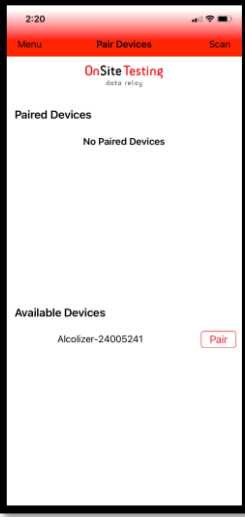
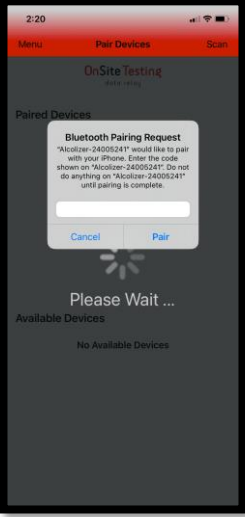
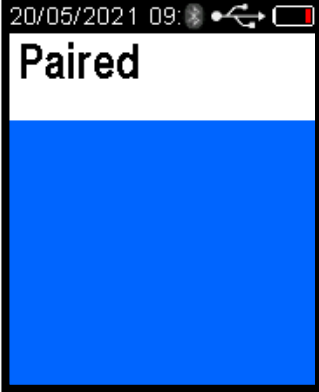




Figure 6-2. Bluetooth enabling



## 5 Pairing Process Screenshots

		
<p>App opens in the Dashboard</p>	<p>From the menu select Pair Devices</p>	<p>While the LE5 device is searching, tap on Scan.</p>
		
<p>The app will search for available devices.</p>	<p>Available devices will appear in the list. While the LE5 is searching, tap on Pair.</p>	<p>A pairing request will appear. Enter the pin displayed on the LE5.</p>
		
<p>The LE5 device should show Paired.</p>	<p>The LE5 device will be listed in the paired devices section.</p>	<p>You can now start testing.</p>

## 6 Pairing Failed

If you see Pairing Failed displayed on your breathalyser follow these instructions.

1. Forget the device in the Bluetooth settings menu on your smart device.
2. Disable Bluetooth on your smart device.
3. From the Dashboard in the app tap on the menu.
4. Tap on "Pair Devices".
5. Tap on "Forget" next to the device you were unable to pair to.
6. Close the app.
7. Reboot your smart device.
8. In the user menu on the breathalyser select "Bluetooth Comms", "Serial" and "Forget this device". Press the test key to forget the paired device.
9. Then set "Enable Bluetooth" to "No" in the user menu.
10. Switch off and then switch the Breathalyser back on.
11. In the user menu on the breathalyser "Bluetooth Comms" and set "Enable Bluetooth" to "Yes".
12. Start the [pairing](#) process again.

## 7 Receive a Breath Test Result

1. Make sure Bluetooth is switched on in your smart device, and the smart device and the Bluetooth/BLE enabled Alcolizer handheld device are paired. See Pairing section.
2. Perform a test on the paired Alcolizer handheld device. The result will be received and the Completed Today count will increment by 1.
3. If you have internet connection, then the result will be automatically synced to the AlcoCONNECT Data Management Portal. If there is no internet connection, then the To Be Synced count will increment by 1.

## 8 Resetting Completed Today Count

The Completed Today count will automatically reset at midnight.