

Don't Risk it

# Bloc It!

Do you need to protect you equipment, capital investment,  
employees and co-workers lives even?

Get Started

## AlcoBloc™ Safety Device Advanced User Manual



YATAG SECURITY



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## INTRODUCTION

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### IMPORTANT, PLEASE READ PRIOR TO USAGE:

Congratulations on your purchase of the innovative & next generation safety device, AlcoBloc™. This Smartphone controlled device will assist you in preventing those under the influence of alcohol from accessing equipment, vehicles, bicycles, storage units, anything where you can secure the flexible tamper proof cable.

AlcoBloc™ is powered by its custom app which syncs a precise portable breath tester and robust padlock via Bluetooth connection. The app will automatically take a picture once someone tries to access the padlock securing the property. This photo ID is sent to the predetermined administrator who can see who, when and where the lock was accessed once test was initiated via the portable breath tester (PBT).

The AlcoBloc™ Kit includes an easy-to-use professional alcohol screening device, used for the detection of alcohol in the breath and a robust padlock, designed specifically to be used outdoors. These two pieces of hardware are controlled by the AlcoBloc™ Smartphone app. Positive ID is provided since photo is taken immediately upon initiation of the breath test, making it difficult if not impossible to manipulate the test.

This software is to be used only with the devices sold by the company. Any other use is illegal. This software is provided only to the end user to operate the AlcoBloc™. Any modification or reverse engineering is illegal. The product cannot be resold without written consent.

Please read the User Manual in its entirety to make your testing experience a user friendly as possible. Thank you again for purchasing the AlcoBloc™ Safety Device, remember, Don't Risk It, Bloc It!

### REMEMBER ALCOHOL IS A DRUG

Remember, the best way to avoid injury due to alcohol, is to avoid consumption. AlcoBloc™ can assist you in deterring accidents but the best way to avoid injury is to avoid consumption. Alcohol is the chemical (ethanol or ethyl alcohol) resulting from the fermentation of grapes or grain. Alcohol is absorbed directly into your bloodstream, affecting coordination. **DO NOT drink and drive.** AlcoBloc™ is an excellent tool to assist you in protecting your property, investments, and more importantly – lives. But the best solution to avoid such tragedy is to **not drink and drive.** YATAG SECURITY strongly recommends that no vehicle or machinery be operated after alcohol consumption. Even small quantities of alcohol can result in driving impairment. Do not use AlcoBloc™ as a tool to determine if equipment and/or vehicle operation is appropriate. YATAG SECURITY does not assume any responsibility for anyone driving or operating equipment while under the influence.

### AlcoBloc™ Description and Usage

AlcoBloc™ is available in two Kit forms, Basic and Full Kit. All AlcoBloc™ Kits contain three important components:

- AlcoBloc™ Smart phone App\*
- Reliable Bluetooth Portable Tester (**PBT**) and
- Robust Bluetooth Padlock

A Basic Kit includes all of the above components while the Full Kit includes all of the above plus our tamper proof cable that allows you to secure any item, vehicle, device, storage cabinet. Etc. Anything that can be secured with the flexible cable can be secured with the versatile AlcoBloc™ Safety Device.

These components are only available through YATAG Security, only components purchased through YATAG Security will connect with the AlcoBloc™ Smartphone App so you can be assured your property is secure from outside devices.

### Basic Connection and Usage

With purchase of the AlcoBloc™ Safety Device Kit, an “Administrator” will be created and depending on the Level of Subscription (see page 15 for explanation of Subscription Levels) the assigned components will be synced automatically to their account and number of subscriptions purchased, for their usage. The Administrator will assign the equipment and AlcoBloc™ app to the appropriate End User. Once the designated End User downloads the AlcoBloc™ Smartphone App **from website [www.alcobloc.com](http://www.alcobloc.com)** to their Android operating cell phone or tablet\*, the AlcoBloc™ Safety Device can be used.

All testing information will be forwarded to the Administrator for their review and record keeping. If the data server is setup for email notification, the testing results and any significant errors will be emailed to the designated Administrator. This information will be able to be accessed through the AlcoBloc™ Data Server. This information is only available to the Administrator since it is password protected.

To utilize the AlcoBloc™ Safety Device, simply follow the **Quick Start Guide** provided with purchase or the detailed instructions below.

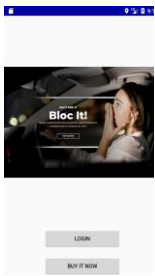
**\*Note: AlcoBloc™ Safety Device App only works on Android 5 and higher cell phones. Please see page 23 for complete instructions for downloading, if needed.**

## Screens on Test Taking

Once Kit is purchased and Smart Phone app is downloaded on the cell phone or tablet that is to be used for the breath alcohol test, please follow these steps.

**Helpful Hint:** MAKE SURE TO FOLLOW INSTRUCTIONS ON THE APP SCREEN on the Cell. The AlcoBloc™ App is simple to use in its Step-by-Step Process plus it is icon driven so after several tests have been taken, all End User needs to do is look for the Icon to see where they are in the testing process.

## Login Screens



INITIAL APP  
SCREEN



LOGIN SCREEN

End user will be given a User Name and Password by Administrator once Assigned

Prior to logging in, End User should locate themselves close to the item that has been previously secured by Administrator with the AlcoBloc™ padlock and tamper proof cable, if purchased. In the event there are other items, vehicles, etc. that have also been secured by an AlcoBloc™ Safety Device, this will assist in faster Bluetooth connection.

## Connection Screens



SCANNING  
SCREEN



PBT CONNECTED  
SCREEN & TESTING  
PROCESS TO BEGIN

# ALCOBLOC™ SAFETY DEVICE

Once End User is logged in, the AlcoBloc™ Safety Device App will immediately begin to scan for approved PBT so that connection can be made to the app. Make sure that the Bluetooth connection on Smartphone is enabled and that the PBT has been turned on.

**Helpful Hint:** The START TEST should be enabled within a few seconds once this screen appears. If it does not, End User should hit Reconnect Button which will take them back to the scan window and will initiate a rescan. If the app connects to the wrong PBT, End User should power down unintended connected PBT, walk away from it and move closer to the desired PBT. Press the Reconnect Button which will take them back to the scan window, End User should then hit Rescan Button.

## Testing in Process Screen

If there is no issue with the PBT connection, the START TEST is enabled and End User can begin testing process. **NOTE: Once START TEST is clicked on, End User will see a live image of themselves. End User will Begin to Blow here.** Once they begin to blow into the breath tester device, it will activate the Photo ID and begin testing measurement procedure.

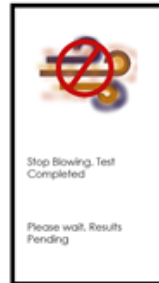


## Breath Sample Screens

The AlcoBloc™ App will continue to guide the End User through the quick and easy to follow process and will instruct the End User to blow into the PBT.



SCREEN TO CONTINUE  
BLOWING  
CONSISTENT FLOW  
REQUIRED



SCREEN TO STOP  
BLOWING.  
SUFFICIENT SAMPLE  
TAKEN.

**Immediately as End User begins to blow, the Photo will be taken and will instruct the End User to continue to blow until instructed otherwise. If insufficient breath flow is provided, test will be cancelled and End User will need to restart the test. End User should make sure to provide consistent breath flow to avoid this delay.**

# ALCOBLOC™ SAFETY DEVICE

**Helpful Hint:** If the breath test is **has ended** without a final result, End User needs to make sure all open screens on their cell phone are closed out and begin testing again. If all the screens are not closed out on cell phone, it could prevent End User to log in correctly. End User must close out the AlcoBloc™ App completely.

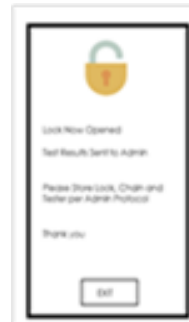
## Test Result Screens

Depending on the test results, the padlock will either open or remain closed. All test results can immediately be emailed to the Administrator for their record keeping. Depending on the Level of Subscription, up to 5 people can get the email, depending on how the Data Server is configured (page 19).

**NEGATIVE RESULT TEST:** If alcohol is NOT detected, the End User will have access to the item, vehicle, etc. and will be instructed to open the lock and proceed per company protocol.



NEGATIVE TEST SCREEN & LOCK INSTRUCTIONS



TEST COMPLETED EXIT APP

**IMPORTANT:** BLUE TEXT BOX will appear when lock button hit if End User tries to open a lock that has not been enabled for their usage, they will be given an error message.

If button is not hit within time limit (**one minute**), lock will time out and new test will need to be taken.

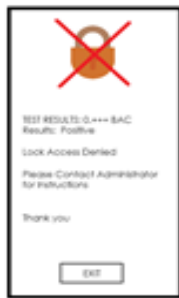


**Helpful Hint:** If the lock has not been used recently, **prior to testing**, press the lock button to ‘wake it up’. If the lock does not open, End User may have lost internet connection or may be too far from the lock. Confirm End User is closer than 10 feet/3 meters from the lock. Note that metal around the lock can shield the Bluetooth signal, make sure signal is clear.

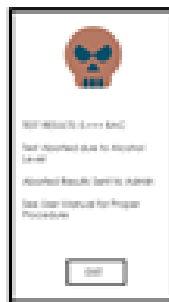
# ALCOBLOC™ SAFETY DEVICE

**Helpful Hint:** When End User has completed their test, please confirm that all open screens on their cell phone are closed out in the event they need to take another test. End User must close out the AlcoBloc™ App completely after every use to avoid ‘confusion’ in future use.

**POSITIVE RESULT TEST:** If alcohol IS detected, the End User will NOT have access to the item, vehicle, etc. that has been blocked with the AlcoBloc™ Safety Device. End User will be instructed to contact Administrator per company protocol.



POSITIVE TEST SCREEN



EXCESS LIMIT OF ALCOHOL SCREEN

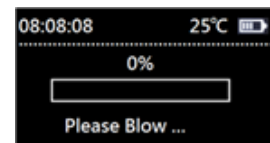
If excess alcohol is breathed into the device, it can damage the fuel cell and damage the portable tester. Do not blow smoke into the tester since it could also damage the fuel cell.

## PASSIVE TESTING & RESULTS

The AlcoBloc™ portable tester also allows for Passive Testing, no mouthpiece needed, as a standalone testing feature. Passive Testing can be utilized when checking for presence of alcohol in open containers for example.

The feature works as follows:

- Turn on the Device
- Hit the Start Button to Initiate Test to the “Please Blow” Screen
- Once this screen appears, press Start Button again. The Passive Test will be initiated and sample will be taken.



Passive Testing Results can be affected by ambient air and other factors. For more precise samples, it is recommended that tests be taken with mouthpiece.

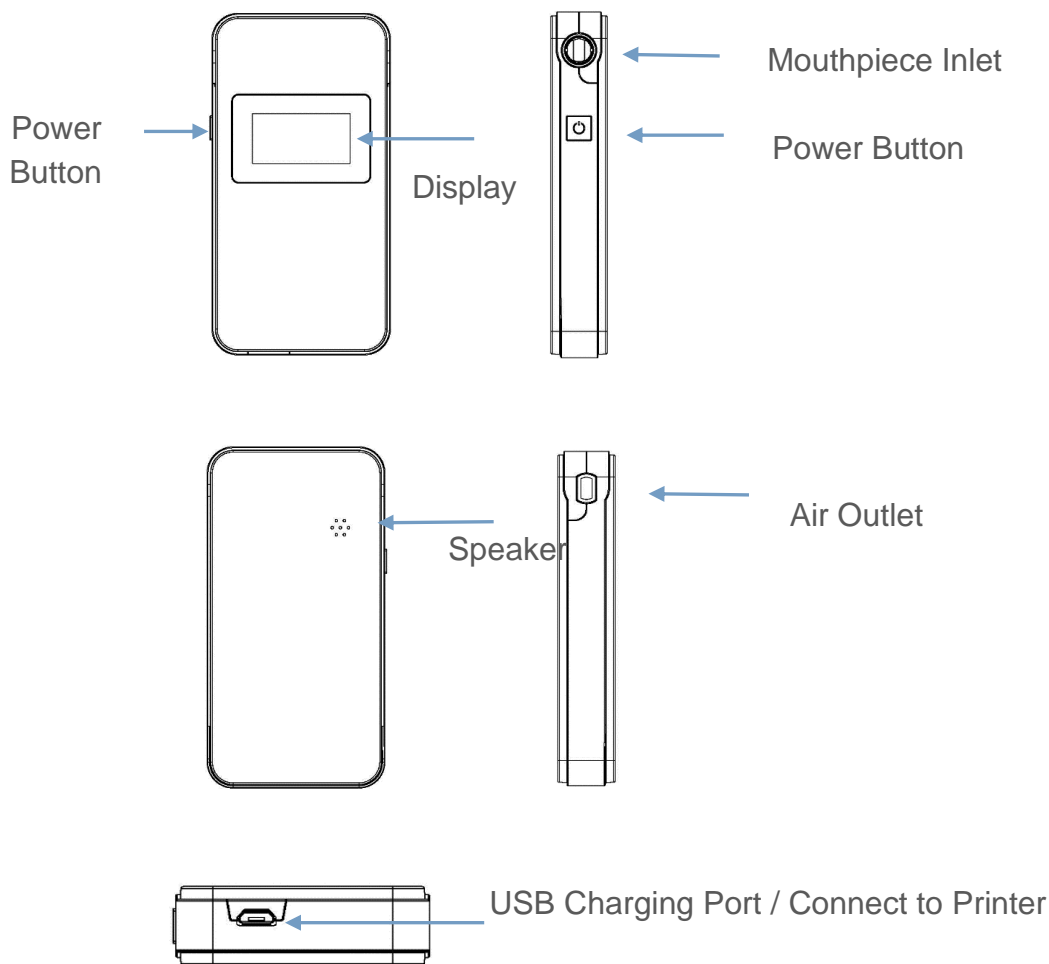
**Please Note: Passive Testing will not work with the AlcoBloc™ Safety Device App**



## COMPONENTS DESCRIPTION

### PORTABLE TESTER OPERATION

The robust PBT which is one of the main components of the kit is reliable and accurate PBT that was purposely selected for the AlcoBloc™ Kit because of its reliability, and ease of use. **This portable tester is DOT approved as a screening device and is CE Marked.**



#### Basic Button Operation for PBT:

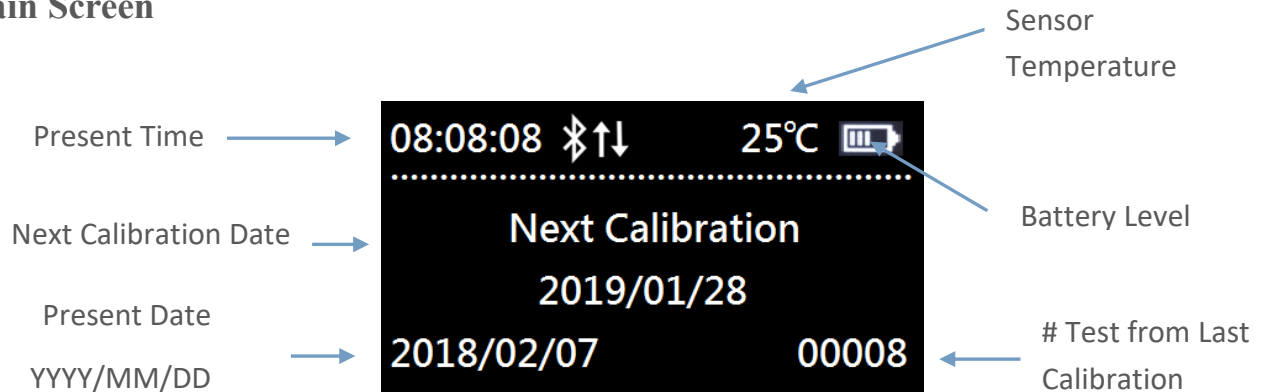
Press and Hold: For 2 Seconds for On/Off

Single press: Moves cursor when in Menu

Double press: Select / Enter when in Menu

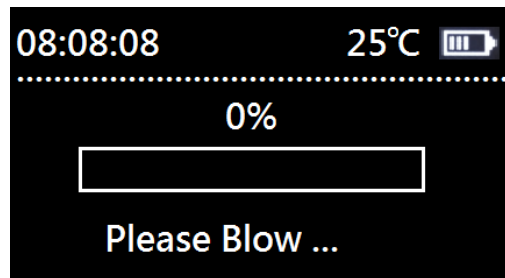
## Portable Tester Screens

### Main Screen



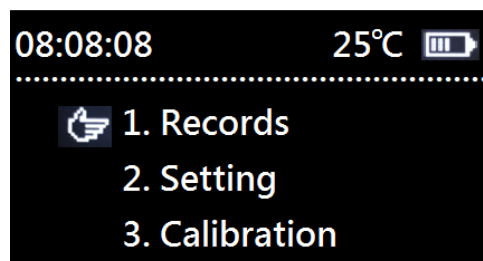
It is normal for a device has a record around 10 tests, as the device needs to be tested after calibration.

### Take Test Screen



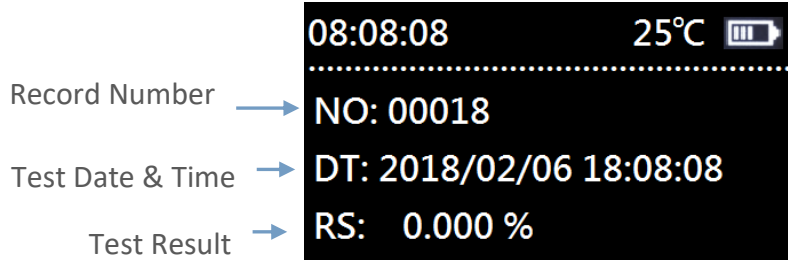
### How to Check Records

1. Switch on the device and enter the main screen.
2. Double press the button to enter main Menu:



## ALCOBLOC™ SAFETY DEVICE

3. Select “Records” and Double press the button to enter
4. Most recent record will be displayed.



5. Press the button to move to the previous button.
6. Press and hold the button to return to the previous screen
7. 100 records can be saved, the 101 record will replace record number 1 and stored.
8. All records will be deleted after calibration from the PBT but not the AlcoBloc™ Data Server.

### Device Info

To check the serial number of the device, fuel cell module number and the software version of the device, double press the button to enter “Device Info”.

### Calibration and Setting

Calibration is recommended every 6-12 months, depending on amount of usage and Administrator company protocol. The AlcoBloc™ PBT allows up to 12 months of usage by manufacturer. However, the AlcoBloc™ Data Server, allows Admin to adjust so the app will only work per their desired timeframe. Admin can select from 90 to 360 days. Please see Data Server Calibration info below. Calibration Settings are protected by passwords. Please contact YATAG Security ([info@yatagsecurity.com](mailto:info@yatagsecurity.com)) when calibration is needed or your authorized trained distributor.

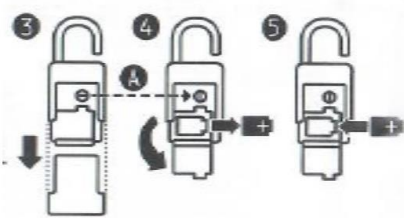
### BLUETOOTH PADLOCK

The AlcoBloc™ Safety Device includes a robust padlock that is designed to be used outside. The padlock has a long battery life but if a new battery is needed, below you will find the install instructions. The padlock uses a CR2 battery.

## How to Replace Battery

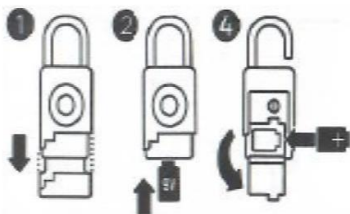
1. Padlock will display yellow when battery is low.
2. Unlock and open the padlock
3. Remove the bottom cover.
4. Use a coin or small screw driver and turn slot 90 degrees counter clockwise (A). Open and remove battery.
5. Install new CR2 batter with the positive (+) side face right.
6. Close battery door and return slot to position by moving 90 degrees clockwise. Replace bottom cover.

NOTE: It can sometimes take 2-24 hours for the yellow LED to stop displaying after battery replacement.



## How to Unlock with External Battery

1. If the battery should expire when in locked position, remove bottom cover.
2. Hold a 9V battery on bottom of padlock (#2) to activate the battery
3. While holding the battery in place, with an authorized mobile device within range of padlock, press any keypad button on the padlock. If padlock does not unlock, contact YATAG Security or Administrator for Primary Code for the padlock.
4. When unlocked, open the battery door and install new CR2 battery.



### SMARTPHONE APP

The AlcoBloc™ Smartphone app can be downloaded from [www.alcobloc.com](http://www.alcobloc.com) after purchasing a Kit. This download will only work and connect with any hardware devices purchased and activated by YATAG Security. If you have any questions, on downloading App, please see page 23 or please contact us at [sales@yatagsecurity.com](mailto:sales@yatagsecurity.com) or your authorized distributor.

### Set up

1. Once kit is purchased, download the AlcoBloc™ app on the phone that will be connecting to the AlcoBloc™ Safety Device components (portable tester and padlock).
2. If you purchased the Full Kit, you will have received a tamper proof cable, please make sure that whatever item you wish to secure from someone under the influence of alcohol, is properly secured so that access is not available in the event the breath test is Positive (alcohol present).
3. The app will only allow the End User to access the equipment that Administrator has enabled and allowed them to use via the AlcoBloc™ Data Server.
4. Testing information will be forwarded via email to the designated Administrator. This information can only be accessed through the AlcoBloc™ Data Server. This information is only available to the Administrator since it is password protected.

If End User gets message: “No Internet Connection” when attempting to log in, the app cannot connect to the Data Server. The phone may not currently have a connection to the internet or the Data Server may be down. To troubleshoot, open browser on phone and try to access any internet site. If no web site can be accessed, the phone has no internet connection. Operator may need to move to a different location. If the Data Server is the only web site that cannot be accessed, the Data Server website is currently down. This is a rare occasion, due to host server, Mocha Host, is doing maintenance on their end.

The AlcoBloc™ was designed to be versatile and flexible and for this reason Offline Operation (no internet connection) was built into its operation. However, some basic instructions need to be followed in order for this feature to work, please see page 21 for more information.

**\*Note: AlcoBloc™ Safety Device App only works on Android 5 and higher cell phones. The iOS version should be released shortly.**

### ALCOBLOC™ DATA SERVER

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Because of the AlcoBloc™ Safety Device flexibility, it is the perfect safety device for any company who wishes to protect their property, investments and lives. AlcoBloc™ provides a secure and customizable Data Server to the registered and designated Administrator to monitor all tests taken on the custom app. There is only one login provided to the Data Server. Login access is only possible if the assigned Administrator shares the login information. **Once logged in**, they can review all the data collected on the tests taken. Because not everyone has the same needs, the AlcoBloc™ offers three (3) different levels of User License Levels; PERSONAL, PROFESSIONAL & INDUSTRIAL.

#### **This User Manual is for the:**

- **Advanced Industrial Level** is for large businesses that need to secure multiple vehicles, busses, hardware, etc. and have multiple employees who need individual access to the AlcoBloc™ App. Here each End User downloads on their individual Smartphones and has an individual login and password. The Administrator also has access to advanced reports, data server operations and data storage with this level. **Multiple User Subaccounts** allow Admin to segregate each employee's equipment access and test results.

The user friendly AlcoBloc™ Data Server will allow you to personalize and adjust your account, making the data collected on the tests taken, more suited to your individual needs. **All Subscription Levels provide GPS data on the photo IDs sent** will allow the Administrator to:

1. Log in to Data Server for access to test information.
2. Change the Company Name
3. Change the Data Server User Name and Password
4. Change the Mobile App Name and Password
5. Adjust the Unit of Measure (BAC, gr/l, mg/l, etc.)
6. Create Reports

Remember: The **Administrator** is the assigned person who will have access to the Data Server and will have access to configure equipment and test information. They will also receive emails of test data, if desired and they are set up to receive the information. The **End User/Subject**, is the employee who will be taking the AlcoBloc™ breath tests via the Smartphone app. They do not have access to the Data Server information, unless given access to it by Administrator.

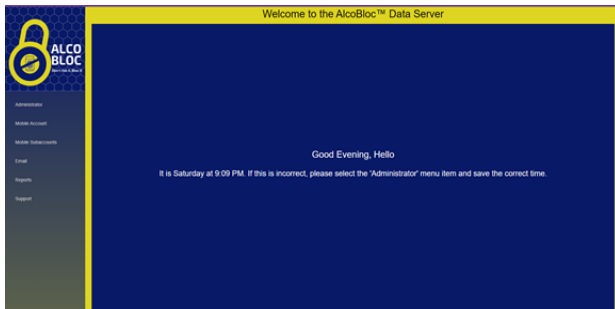
# ALCOBLOC™ SAFETY DEVICE

This level is perfect for the large company that needs to monitor numerous pieces of equipment and unlimited number of employees that have access to this equipment. Because it was specifically designed for the multi user, the Administrator is able to add multiple End Users, PBT's and padlocks with ease. Each End User will have their own Login and password that will be assigned to them by the Administrator, this allows for better record keeping and manageability. It is highly recommended that each End User have their own economical tester to avoid possible contamination.

## Data Server Setup

Once the AlcoBloc™ Safety Device has been purchased, invoice will be created and sent with designated customer number. \* Shortly afterwards, the Administrator will receive a Welcome Email, to the email address that was provided at time of purchase, containing the password to their new account. Once received, Admin can log in and customize their account as described below. For added security, the customer number will not be sent in the welcome email, but it will mention that the user's name is the customer number printed on the invoice. Please keep this information secure and do not misplace.

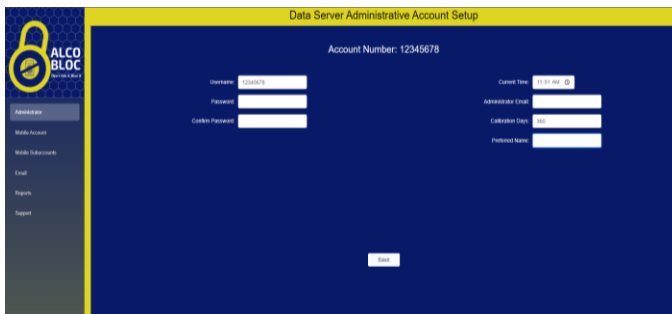
## Welcome Page



Once Admin logs into [www.alcobloc.net](http://www.alcobloc.net) using the assigned customer number & password, they will be directed to the Welcome Page.

To personalize this page, they will click on the “Administrator” on the left side of the page menu.

## Administrator Main Account Page



## Username Change

The AlcoBloc™ Data Server does allow for easy user interface and customization. The name provided to Administrator may be customized on this page.

Make changes here to set the correct time zone. Admin will have to adjust for daylight savings.

**\*NOTE: Kits purchased from distributors will be handled a little differently to secure Admin information properly. Please contact your distributor for more information.**

# ALCOBLOC™ SAFETY DEVICE

## Data Server User Name Change

Initially the Data Server login name is the customer number given at time of purchase. The Administrator can change this login name to their preference. However, if the user name is already in use, the Data Server will reject it to avoid confusion in data security.

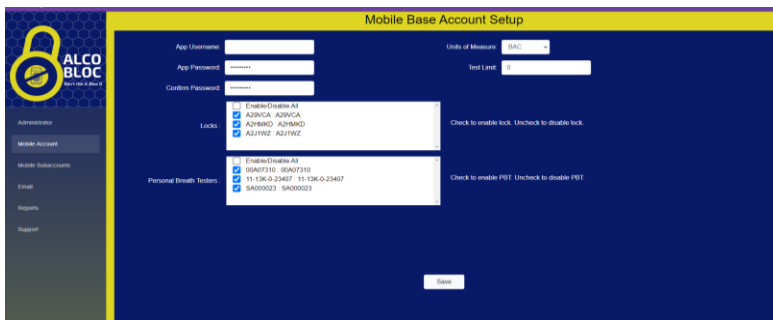
## Data Server Password Change

The original Data Server password is an 8 character, randomly generated alpha-numeric string. The Administrator can change this password if desired. The password will be required to be 8 characters or more long, with at least: 1 number, 1 letter in upper AND lower case and one special character. When logging into the Data Server, Admin will be allowed 3 password attempts until the account is locked for one hour. After one hour the Data Server user has 3 more chances to enter the correct password. To avoid this, do not misplace keep account information.

## Calibration Time Change

Depending on preference or protocol, Admin is able to adjust the calibration time of the portable tester if desired. As end user approaches this date, a message will occur letting them know that the device will need to be calibrated soon: "PBT Calibration will Expire Soon - Last Calibration Date: xxxxxx". Once the date has been passed, the device will not work until calibrated. Please see info below regarding calibration of devices.

## Base Account / Mobile App Page Setup



Here PBTs & locks of the Kits are configured. Before using the App, verify that all Devices are activated/deactivated. **NOTICE:** in this example there are multiple locks and one PBT. **Here Admin sets the login name and password to be used by the mobile app in order to log in to AlcoBloc™ app.** Admin also sets the Unit of Measure (UOM) such as BAC, gr/l, mg/l, etc.

## IMPORTANT: Mobile Base App User Name & Password Change

All Kits, automatically come with one App download. In the Industrial Level the Mobile Base Account is the main mobile account, then as other accounts added they are called Subaccounts and are described below. Initially the Mobile Base App login name & password is the same as the Data Server as log in. The Admin may not want the Mobile Base App User to have the same log in since this would allow them access to the Data Server. To avoid this, Admin should create a separate log in and password for the Mobile Base Account App user, following password requirements: must be 8 characters long, including



# ALCOBLOC™ SAFETY DEVICE

1 number, 1 letter in upper AND lower case and one special character. Remember, the user name cannot be currently be used by another AlcoBloc™ user.

## Units of Measure (UOM) Change

AlcoBloc™ Security Device recognizes that different UOMs are used around the world and therefore makes it easy for the Administrator to change it to their local requirements. The following are available:

1. g/100ml (BAC) – grams of alcohol/100ml blood (default)
2. g%– grams of alcohol/100ml blood
3. ml/100ml – mg of alcohol/100ml blood
4. ml%– mg of alcohol/100ml blood
5. Promille - grams of alcohol/liter blood
6. g/l - grams of alcohol/liter blood
7. dg/l - decigrams of alcohol/liter blood
8. mg/ml = milligrams of alcohol/milliliter blood
9. mg/g = milligrams of alcohol/gram blood

**NOTE: The breath alcohol content (BAC) level for POSITIVE Test may be set here by Admin.**

## Subaccount(s) Setup Page

This feature was designed specifically for large organizations that need to monitor many End Users/Employees. Here the Admin assigns & personalizes each subscriber, their portable tester and the locks they may or may not access. **But it is vital that the set up for each individual is done properly in order to get maximum benefit. See page 24 for more detailed info on setup.**

## Explanation of Subaccounts

Subaccounts are generated when additional monthly/yearly AlcoBloc™ App subscription are purchased. Here each mobile App user has their own individual login account which can be modified by **Admin**. The Administrator is able to add as many subaccounts as they need for each employee. It is preferable that each Subaccount/End User (employee) have their own assigned PBT to avoid possible contamination

# ALCOBLOC™ SAFETY DEVICE

**NOTE: Should Administrator decide or need to delete a Subaccount due to employee being released, it is the responsibility of the Admin to notify YATAG Security that the account is cancelled.** To avoid cancellation of Subaccount, the Admin can assign a Subaccount to another employee should it be necessary. If more subscriptions are needed, please contact [sales@yatagsecurity.com](mailto:sales@yatagsecurity.com) for information.

## Subaccount vs Subaccount Username

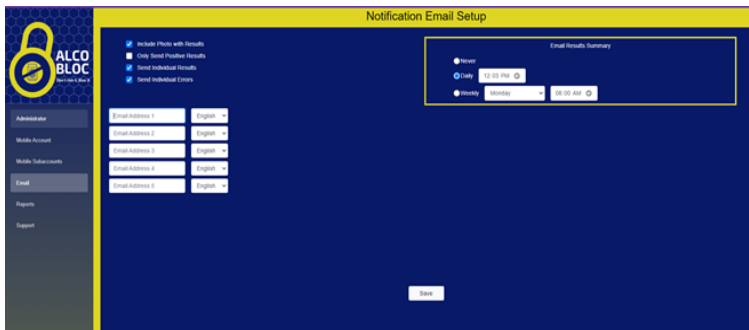
When personalizing, make sure to fill in ALL slots before moving on to creating & personalizing the next Subaccount otherwise possible error may occur. Make sure to save all changes. This new username and password will then be given to employee since it will be needed for them to log into the App. It is strongly recommended that concise internal records of these accounts be kept in case of loss.

For easy identification, the Admin has 2 ID Fields for the Subaccounts that they can personalize, to assist them when customizing the account. For example, one field could be used for employee number/location/company ID, while the other field could indicate employee name, department, etc. For large organizations this makes it easier for the Admin to monitor and assign equipment.

## Assigning Locks and Testers to Subaccounts

Important: When creating Subaccounts, the Admin must assign a tester and lock to **all** created Subaccounts otherwise an error message will occur since the Data Server will think that the account is not properly set up since no testing can occur without a PBT or lock. While it is recommended each User have their own PBT, any lock or breath tester registered to the Admin account may be assigned to any Subaccount in that particular account. Make sure to save all changes before switching to a different subaccount or tab.

## Email Notice Setup



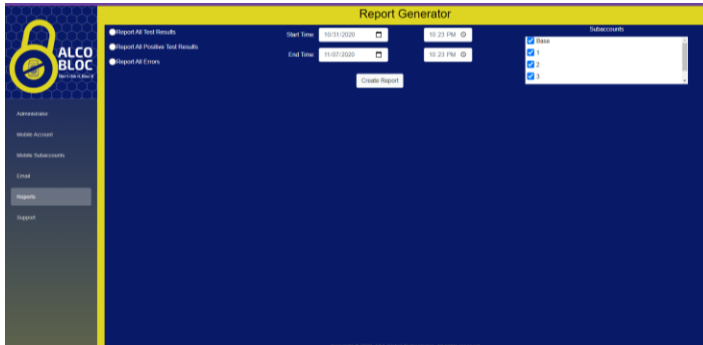
If Admin wants to receive information of tests taken and their results on a regular basis, AlcoBloc™ Data Server provides this information if Email Notice is configured. When enabled, Daily or Weekly Summaries of these Results can be emailed. Notice: Emails can be configured for each recipient to receive the email notice in either English or Spanish.

With the Industrial Level the Administrator has access to up to five email accounts that the Test Results & Summaries can be emailed (i.e., general manager, HR Dept. etc.) to receive the test data from the AlcoBloc™ Data Server. Remember to always make sure to save all changes.

## Languages

Currently English and Spanish is available but other languages can be added as needed.

## Report Setup Page



The Alcobloc™ Security Device recognizes that the Admin may wish to create customized Reports that can be displayed on screen. Some companies require flexible reports for internal HR files, or general record keeping. The Alcobloc™ Data Server, allows the Admin to review such data.



After determining the timeframe, type of test results and the Subaccount/End User to be displayed, Admin hits “Create Report” to view this information. Sample of a Report that has been generated on screen can be seen here. (Pictures taken of End Users once test is initiated will also be displayed on this report.)

The Alcobloc™ Security Device recognizes that Admin may wish to create customized Reports that can be viewed on the Data Server screen. These Reports are only displayed off the Data Server, they are not emailed. However, your browser may be used to print and save. If a PDF printer is available, the Report can be printed to a PDF file.

## Maximum Data Storage

The Advanced Level has upgraded storage capability and will have a 10GByte data storage limit. This would be around 1400 test results. When the maximum storage is reached, the oldest test results and errors will be permanently deleted and replaced with the newer results.

Once the Data Server is set up to Administrator preferences for the Alcobloc™ Smart phone app and the portable Bluetooth devices, End Users can begin to use the Alcobloc™ Security Device as needed, no limitations. Should there be any issues, please make sure that all instructions have been followed and completed as detailed above. Also, please refer to our Troubleshooting Page below for more information. Please contact us at [info@yatagsecurity.com](mailto:info@yatagsecurity.com) should the problems persist. Thank you for your support!

## TROUBLESHOOTING

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Please refer to the individual components if a problem occurs. Usually powering up the devices and making sure that the previous AlcoBloc™ Smartphone app screens have all been closed down completely before creating a new breath test will avoid issues. The following Do's and Don'ts will assist with many of the basic issues that incur. If you continue to have issues after consulting component descriptions and Do's and Don'ts, please contact YATAG Security at [info@yatagsecurity.com](mailto:info@yatagsecurity.com).

### DO'S AND DON'TS

#### DO

- Do make sure that the Bluetooth module is turned on for proper connection.
- Do make sure that all items are safely secured prior to access.
- Do make sure you **do not put anything in your mouth at least 15/20 minutes** prior to testing to avoid a false positive result.
- Make sure if using the tamper proof cable that it is securely attached to the device, vehicle or item you are wishing to protect and cannot be removed or adjusted in anyway.
- If there are connection issues, confirm all other AlcoBloc™ screens are closed and if issues persist, RESTART phone. If issues continue, contact [info@yatagsecurity.com](mailto:info@yatagsecurity.com)
- When taking breath test be prepared to take a consistent and extended breath for an accurate sample. If the tester does not have sufficient sample, the test will be cancelled and you will need to retake the test.
- Make sure you have a VERY CLEAR picture of yourself when doing 'selfie' for test for accurate records.
- Keep in mind that the portable testers do need to be calibrated. Contact [info@yatagsecurity.com](mailto:info@yatagsecurity.com) for more details.
- Remember that having reliable internet connection is significant, while AlcoBloc™ is designed to work offline, it is not ideal and issues can arise. When working offline, the App will inform the End User if test cannot be completed or if test results are waiting for transmission to Data Server.

**HELPFUL HINT: When all else fails. Completely close down the phone and PBT. Confirm you are in a location that provides cell coverage. No coverage, no internet, no work. Move outside to improve cell reception.**

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### DON'T

- For reasons of hygiene, do not share your portable breath tester (PBT) with anyone.
- Clean the PBT with any type of alcohol cleaning solution since this could provide false positives.
- Blow into the PBT with excessive alcohol in your mouth or in your system since this will damage the sensor, possibly permanently.
- Blow smoke, food or liquids into the PBT to avoid causing damage to sensor.
- Test in areas with strong winds, smoke or where large amounts of alcohol are being consumed since test results may become affected.

### **OFFLINE OPERATION:**

The AlcoBloc™ was designed to be versatile and flexible and for this reason Offline Operation (no internet connection) was built into its operation. However, some basic instructions need to be followed in order for this feature to work.

- In order for a lock to be accessed Offline, End User must have logged in Online at least once in the last 7 Days and have opened that lock while online. This will allow access to lock later Offline.
- Also, must be the same End User in order to access lock Offline. If these instructions are not followed, then Fatal Error will appear on screen, App will not continue and will close.
- End User can only work Offline for maximum amount of 48 hours, then must access internet connection for online operation. This allows all Offline tests and data stored to be downloaded to Data Server.
- When working Offline, End User can only take 5 tests or attempt to Log in 5 times before Offline operation will be shut off and internet connection will be required. This prevents End Users to circumvent lock out override.
- Whether working Offline or Online, End User can only Login 5 times incorrectly and then AlcoBloc™ App will be locked for One Hour. Please make sure to keep User Name and Password in a safe place to avoid entering incorrect information which could block usage.

### Step by Step Instructions Taking a Test with AlcoBloc™ App

1. After the 15 Minute Wait Period, ensure a clean and new mouthpiece is inserted. If the PBT is to be shared, make sure that a new mouthpiece is used for each individual.
2. Take a deep breath and blow CONTINUOUSLY until AlcoBloc™ App instructs you to stop blowing. A beeping tone will be heard when blowing. Test result will display on the LCD.
3. If the test is Negative, the AlcoBloc™ App will instruct you on how to open the connected Bluetooth lock.
4. If the test is Positive, AlcoBloc™ App will not allow End User access to the Bluetooth lock and will remain closed. Instructions on how to proceed will be shown on screen.
5. Double press the button to return to the main screen.
6. Press and hold the On/Off button for 2 seconds to switch off the device. The device will also be automatically switched off after 3 minutes.
7. To print the test result, please consult YATAG Security for information on printers.

### How to Download App

Access Store Page on [www.alcobloc.com](http://www.alcobloc.com)

Click on App Download button. App will start downloading,

After download, click on App Install & App will automatically install.

You will be given three (3) prompts to “Allow” access. App will not open unless “Allow” is accepted.

# ALCOBLOC™ SAFETY DEVICE

## EQUIPMENT SPECS

Component	Description
<p><b>Portable Breath Tester (PBT)*</b></p> <p>Hi-tech portable Bluetooth Fuel Cell breath tester is extremely easy to use. Comes with durable carrying case, micro-USB cable and 5 additional mouthpieces.</p> <p>Its lightweight construction makes it very user friendly to carry and store, on the job.</p> <p><b>DOT/NHTSA APPROVED for Screening Device</b></p> <p><b>CE Marked</b></p> <p><b>EIN16280:2012 Compliant</b></p>	<p><b>Sensor:</b> High quality fuel cell</p> <p><b>Operating Temp Range:</b> 0-40C / 32-104F</p> <p><b>Measurement Range:</b> 0.00 to 0.400%BAC</p> <p><b>Precision:</b> +/- 0.01%BAC at 0.1%BAC*</p> <p><b>Power Supply:</b> 400mAh Rechargeable Battery</p> <p><b>Calibration:</b> Should be calibrated between 6-12 months.</p> <p><b>DIMS:</b> 10.16 x.1.9 x 5cm / 4 x .75 x 2inches</p>
<p><b>Robust Padlock</b></p> <p>Constructed of high-grade material and with protective cover for external use.</p>	<p>Low Battery Indicator Light: Button turns Yellow</p> <p><b>Power Supply:</b> CR2 Battery</p> <p><b>Total Height:</b> 5.25 inches / 133.35mm</p> <p><b>Weight:</b> 13.3 oz / 377gr</p>
<p><b>Cable</b></p> <p>High performance braided steel cable resists cutting and sawing. Protective vinyl coating.</p>	<p><b>Length:</b> 4 feet / 1.2m</p> <p><b>Diameter:</b> 3.8 in / 10mm</p> <p><b>Warranty:</b> Lifetime if used in proper conditions.</p> <p>Please note: Not recommended used for towing.</p>
<p><b>Smart phone App w/ Data Server</b></p> <p>Icon driven making it easy to follow and understand. Data Server allows for adding &amp; monitoring users &amp; kits, adjusting limits and various units of measure.</p>	<p>Data Protection: TLS encrypted communications between the phone and data server. Password protection provided for Host Server, Data Server, and Mobile App.</p> <p>Monthly subscription fee: Yes</p>
	<p><b>*BAC RESULTS NOT ADMISSABLE IN COURT OF LAW</b></p>

## Instructions on Using AlcoBloc™ Safety Device

### 1. Secure Property

Attach tamper proof security cable on vehicle, equipment, cabinet, etc. Make sure cable is taught and cannot be removed then secure with robust padlock provided in the AlcoBloc™ Kit.

### 2. Download

Make sure that each person who needs access to the padlock has AlcoBloc™ download on their Smart Phone\*.

### 3. Take Test

Prior to accessing the vehicle, object etc., subject blows into portable Bluetooth breath alcohol tester provided in the AlcoBloc™ Kit. Photo ID is immediately taken to confirm subject ID and avoid test manipulation.

### 4. Test Outcome

If test is Negative/No Alcohol, the padlock will Open & Access Granted to the individual.

If the test is Positive, meaning alcohol is present, padlock will remain Locked and Access Denied.

### 5. Test Reports

AlcoBloc™ App immediately sends photo to pre-set Administrator with results of test, including date, time and location. Test results can be stored for future reference.

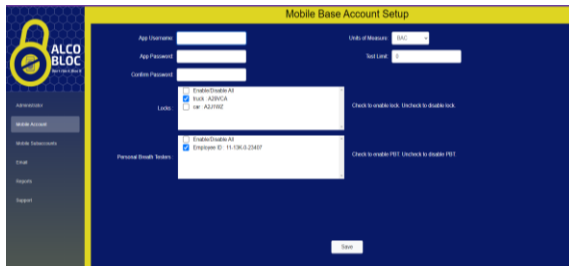


## DETAILED GUIDE FOR MOBILE BASE/SUBACCOUNTS SET UP

In the upgraded Industrial Level, there are two types of Accounts setup, the Mobile Base Account and the Subaccounts. When additional End Users/Employees, having their own individual login and password are added to an account, these are called Mobile Subaccounts. Below is are more detailed instructions on how to properly set up these accounts and better understand their purpose.

### MOBILE BASE ACCOUNT TAB:

All Kits, automatically come with one App download\*. In the Industrial Level this automatic account is called the Mobile Base Account (which is the second Tab on the left of the Admin Screen). It may be used by the Admin or it can be assigned to any End User. However, initially the Mobile Base App login name & password are the same as the Data Server as log in. If the Admin does not want the Mobile Base App User to have access to the Data Server, then the log in information and password should be changed immediately by the Admin during setup.



On the Mobile Account Tab, this is where the Admin will configure Base Account (App login & password) & enter all their purchased devices: PBTs and locks for their account. These will then be assigned on the next Tab.

Having all equipment on the Mobile Base Account allows for easier monitoring of total equipment in each individual account on one page. This approach is to assist those with large number of subaccounts and not having too much information compiled on one page. Once all devices are entered on this page, it will automatically populate to the Subaccount page, where Admin can then assign the devices to their Subaccounts/End Users on the next Tab, Mobile Subaccounts.

### Setup of Locks



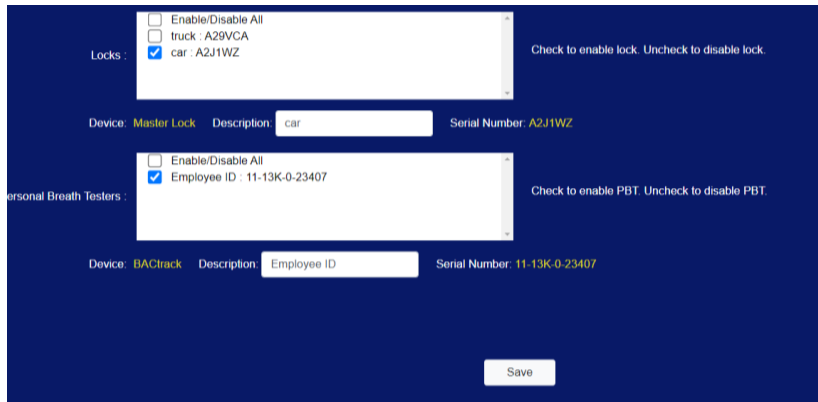
In this example these locks have been personalized. This is done by simply clicking on the serial number of the particular lock and then adding the desired description, in this example 'car'. This detail will carry over to the Subaccount Tab. Each lock can be personalized so to better monitor and control equipment. Make sure to save all changes.

\*Monthly App Subscription fee is required for continued usage of custom app after initial first month.

# ALCOBLOC™ SAFETY DEVICE

## Set up of Portable Testers

The set up for the breath testers can be done in the same way as the locks, however if each End User is to be given their own PBT, it would be helpful if the Admin assigned the PBT to the End User on this page. In cases of multiple PBTs that are to be assigned, it is highly recommended that when the devices are in hand, Admin configures these devices to the individual End User at that time, using the easiest method of recognition for the Admin, such as Name, Employee ID etc. Make sure to hit Save once all information is entered.

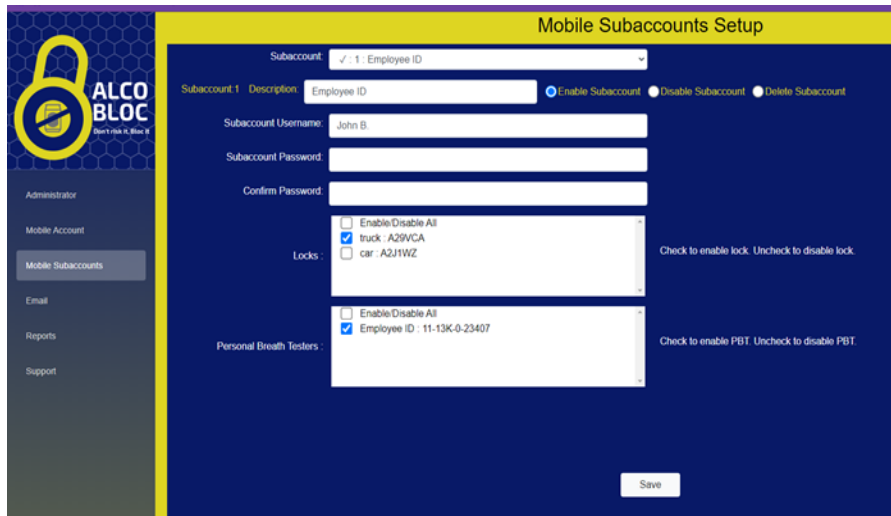


In this example the PBT has been personalized as “Employee ID”.

When saved properly, a window will appear informing you Save has been completed and the data entered will move to the next Tab, Mobile Subaccount.

## MOBILE SUBACCOUNT TAB

Once the locks have been personalized and the PBTs assigned to End Users on the previous Tab, Mobile Base Account, Admin will move to the Mobile Subaccounts Tab to set up Subaccount User Name & Login for their Smartphone App access.

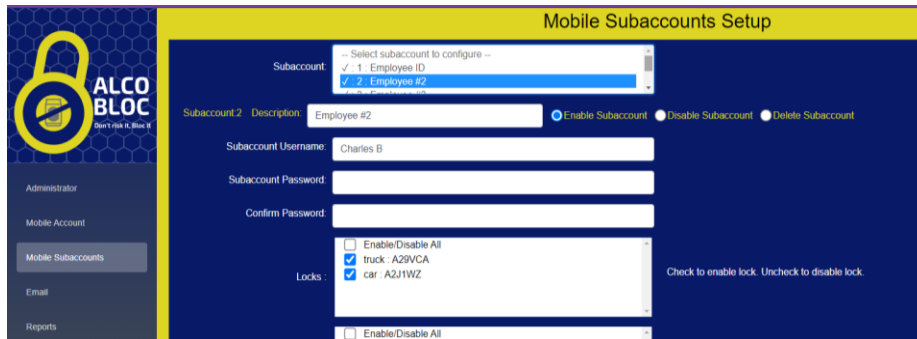


Notice how the “Description” from the previous Tab carries over to the Subaccount Tab. Now Admin will complete the setup of the Subaccount allowing the End User access to the App.

**Note: Admin is responsible for the creation & maintenance of App User Name and Password. Please keep records of this login data in the event the End User forgets/loses the information.**

# ALCOBLOC™ SAFETY DEVICE

Here Admin will control the Subaccounts by Enabling, Deactivating (temporary) or Deleting (permanent, please contact YATAG Security for these permanent changes to avoid any unnecessary App charges). Once a Subaccount is Enabled, Admin can decide which devices each Subaccount/End User can access.



In this case there are several Subaccounts, although only 3 of them are showing in the top drop-down box. When Admin purchases multiple Subaccounts, they would show in the dropdown box

In this example the Admin has configured their second Subaccount in the Mobile Base Tab as “Employee #2” which carried over to the Subaccount Tab so that Admin can now create and assign the App User Name & Password. By clicking on this Subaccount, the Admin can enter the desired User Name and Password for this particular Subaccount, in this case the App User Name is Charles B and has access to both locks in their account.

**IMPORTANT:** Remember that when creating Subaccounts Admin must assign tester and lock otherwise an error message will occur. Any lock or portable breath tester registered in the particular account may be assigned to any End User/Subaccount by the Administrator. Please make sure to always save all changes before switching to a different subaccount or a different tab.

Once all Subaccounts are configured, equipment activated and assigned, Admin would pass on the login and password information to the End Users.

**Helpful Hint:** When dealing with large quantities of devices, it is recommended that an internal monitoring system (labeling, sticker, etc.) be used on the onset to make it easier in assigning portable testers and personalizing locks. **EX:** The find the PBT or lock serial number while the device is in their hand and the Mobile Account page open. Assign device to the End User and give it an ID in the Mobile Account page and put a sticker on it with the ID assigned. This will allow for easier Subaccount set up.

# SAMPLES OF EMAIL NOTICES & SUMMARIES

Reply Reply All Forward  
 Wed 6/2/2021 3:15 PM  
 support@alcobloc.net  
 Daily Summary from 6/1/2021 to 6/2/2021  
 To: sales@ytagsecurity.com

Test Summary Report from Tuesday, June 1, 2021 to Wednesday, June 2, 2021

Test Date	Test Time	Username	Results	Measured	Limit	Units	Lock Description	Lock Serial Number	PBT Description	PBT Serial Number	Date Sent	Time Sent	Number of Tests	Number of Errors	Subaccount	Longitude	Latitude	Location Accuracy	Location Provider
6/1/2021	3:57 PM	98765432	Failed	0.7000005	0	mg/L			00A08699	00A08699	6/1/2021	9:58 PM	1	0	Base	-105.07726	40.023384	15	gps
6/1/2021	10:52 AM	98765432	Aborted	0.53	0	mg/L	-	-	-	-	6/1/2021	4:52 PM	1	0	Base	0	0	0	-
6/1/2021	10:52 AM	98765432	Aborted	0.53	0	mg/L	-	-	-	-	6/1/2021	4:53 PM	1	0	Base	0	0	0	-
6/1/2021	10:55 AM	98765432	Failed	0.32857144	0	mg/L			00A08699	00A08699	6/1/2021	4:55 PM	1	0	Base	-105.07735	40.023335	4	gps
6/1/2021	10:56 AM	98765432	Failed	0.1904762	0	mg/L			00A08699	00A08699	6/1/2021	4:57 PM	1	0	Base	-105.07736	40.023346	27	gps
6/1/2021	11:02 AM	98765432	Failed	0.061904766	0	mg/L			00A08699	00A08699	6/1/2021	5:05 PM	1	0	Base	-105.07724	40.023502	13.936001	gps
6/1/2021	10:50 AM	98765432	Passed	0	0	mg/L	No Lock was Opened	No Lock was Opened	00A08699	00A08699	6/1/2021	4:52 PM	1	1	Base	-105.07725	40.023495	3.216	gps
6/1/2021	10:50 AM	98765432	Passed	0	0	mg/L	No Lock was Opened	No Lock was Opened	00A08699	00A08699	6/1/2021	4:52 PM	1	1	Base	-105.07725	40.023495	3.216	gps
6/1/2021	3:50 PM	98765432	Passed	0	0	mg/L	A2HMKD	A2HMKD	00A08699	00A08699	6/1/2021	9:52 PM	1	0	Base	-105.0774	40.023552	8	gps
6/1/2021	3:50 PM	98765432	Passed	0	0	mg/L	A2HMKD	A2HMKD	00A08699	00A08699	6/1/2021	9:52 PM	1	0	Base	-105.0774	40.023552	8	gps
6/1/2021	3:55 PM	98765432	Passed	0	0	mg/L	No Lock was Opened	No Lock was Opened	00A08699	00A08699	6/1/2021	9:57 PM	1	0	Base	-105.07726	40.02338	3	gps

Error Summary Report from Tuesday, June 1, 2021 to Wednesday, June 2, 2021

Test Date	Test Time	Username	Date Sent	Time Sent	Number of Tests	Number of Errors	Subaccount	Error Description
6/1/2021	3:55 PM	98765432	6/1/2021	9:55 PM	0	1	Base	Breath Flow Error

Reply Reply All Forward  
 Sat 5/29/2021 8:04 PM  
 support@alcobloc.net  
 Test Results for 98765432  
 To: sales@ytagsecurity.com

98765432\_2866155-ecfe-4669-95c7-00240cc83358.jpg  
 243 KB

---Details---  
 Username: 98765432  
 Test Results: **Failed**  
 Test Date: Saturday, May 29, 2021  
 Test Time: 8:04 PM  
 Date on Data Server Test was Reported: Sunday, May 30, 2021  
 Time on Data Server Test was Reported: 2:04 AM  
 Number of Errors Sent: 0  
 Number of Tests Sent: 1  
 Measured Value: 0.323096 mg/L  
 Maximum Allowed: 0 mg/L  
 Lock Description:  
 Lock Serial Number:  
 PBT Description: 00A08699  
 PBT Serial Number: 00A08699  
 Subaccount: Base  
 Longitude: -105.077385°  
 Latitude: 40.023586°  
 Location Accuracy: 3.216 Radial Meters  
 Location Provider: gps

Reply Reply All Forward  
 Sat 5/29/2021 8:01 PM  
 support@alcobloc.net  
 Test Results for 98765432  
 To: sales@ytagsecurity.com

98765432\_4c877ae1-2954-4830-a89b-4d5c842c3fa.jpg  
 210 KB

---Details---  
 Username: 98765432  
 Test Results: **Passed**  
 Test Date: Saturday, May 29, 2021  
 Test Time: 8:00 PM  
 Date on Data Server Test was Reported: Sunday, May 30, 2021  
 Time on Data Server Test was Reported: 2:00 AM  
 Number of Errors Sent: 0  
 Number of Tests Sent: 1  
 Measured Value: 0 mg/L  
 Maximum Allowed: 0 mg/L  
 Lock Description: A2HMKD  
 Lock Serial Number: A2HMKD  
 PBT Description: 00A08699  
 PBT Serial Number: 00A08699  
 Subaccount: Base  
 Longitude: -105.07739°  
 Latitude: 40.023594°  
 Location Accuracy: 17.152 Radial Meters  
 Location Provider: gps

Reply Reply All Forward  
 Tue 6/1/2021 10:58 AM  
 support@alcobloc.net  
 Test Results for 98765432  
 To: sales@ytagsecurity.com

98765432\_46915e-9925-4676-8002-9c71071c0719.jpg  
 204 KB

---Details---  
 Username: 98765432  
 Test Results: **Aborted**  
 Test Date: Tuesday, June 1, 2021  
 Test Time: 10:52 AM  
 Date on Data Server Test was Reported: Tuesday, June 1, 2021  
 Time on Data Server Test was Reported: 4:53 PM  
 Number of Errors Sent: 0  
 Number of Tests Sent: 1  
 Measured Value: 0.53 mg/L  
 Maximum Allowed: 0 mg/L

## ALCOBLOC™ SAFETY DEVICE

[www.yatagsecurity.com](http://www.yatagsecurity.com)

[sales@yatagsecurity.com](mailto:sales@yatagsecurity.com)

1-720-664-6655

2770 Arapahoe Road

Suite 132-1103

Lafayette, CO 80126

**Customer Support: [info@yatagsecurity.com](mailto:info@yatagsecurity.com)**