MARINE GUARDIAN

TRACKING•SECURITY•SURVEILLANCE•MONITORING

Mobile App User Guide

Questions?, How to Contact Us

We are open from 8AM-6PM Monday – Friday. You can email us at info@themarineguardian.com or call 954-852-0200

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The Marine Guardian Overview

Welcome to The Marine Guardian. Your boat is protected with onboard security measures, tracking features and monitoring sensors. To stay connected to your boat, you have purchased either a cellular device or a hybrid cellular/ satellite device. Your annual service plan covers unlimited communication between the device and your mobile phone.

Cellular devices use 2G, 3G, and 4G LTE networks compatible with 142 countries. As long as your boat is within cellular range, you'll stay connected.

Hybrid cellular/ satellite uses 2G/3G/4G LTE and Iridium 2-way satellite. This device provides global coverage, so you'll always be in touch no matter where on earth it is.

The onboard system can be managed from our website or the TMG Dash mobile app. It requires a user ID and password. We can provide that to you if you do not have an ID.

There are 3 main areas to familiarize yourself with to complete an overview of the system.

1. The Mobile App

The mobile app can be found in your mobile phone app store. Type in "TMG Dash" and download the app. The TMG Mobile App is a convenient tool to manage The Guardian features remotely. In the App, you can remotely view the status of the connected sensors, arm and disarm the security system, and manage settings of The Guardian security, tracking and monitoring system.

Features available to remotely manage include:

- View the location of your boat(s) in real-time as well as travel/breadcrumb history
- Arm/disarm the security system
- Manage sensors and security features
- Setup users that can login to view or manage settings
- Setup recipients to receive alerts via text, phone or email
- Check the status of connected sensors and turn alerts on and off
- Setup zones for entry/exit and speed
- Setup battery alerts thresholds

2. Alerts – Text, Voice Call or Email

The Guardian device is always on, doing its job to monitor your boat. When an event occurs, you'll be notified immediately through either a text, voice call or email alert. Alerts are sent to you and any other recipients you have set up.

An event occurs anytime a sensor is triggered or a pre-set value has breached a parameter. For example, if you have a shore power sensor and it's unplugged or there is a power loss on the dock, you'll receive an alert. You choose how you want to be alerted in the app. Typically, text alerts are used for everything except a security sensor being triggered.

Voice calls are usually set up for security alerts given the possible urgency of a theft. If you receive a security alert, then the onboard 125 siren is also sounding. You will want to disarm the system for a minute, so the siren turns off. (more about the siren later)

3. Onboard hardware

The Guardian system consists of the main device and wired sensors and accessories throughout your boat.

The main device is 4” wide x 6” long X 3” tall. This is usually placed in a discreet location, so it’s not easily found by a thief. This device is directly connected to the house battery to provide constant power for continuous monitoring and for communication with your mobile app (when necessary).

Sensors are hard-wired from the device to the sensor using marine garde tinned copper wiring. Sensors you may have include high water, shore power, door and/or hatch sensor, infrared beam motion sensors.

- High Water Sensor - The High-Water Sensor detects if there is water in the bilge above the sensors’ pre-set level and instantly sends an alert. The sensor is located in the aft bilge compartment.
- 110/240 AC Shore Power Sensor - The Shore Power Sensor monitors shore power status. Receive an alert if shore power is lost or unplugged. It can also be configured to trigger the alarm if disconnected when Alarm is set on.
- Door/hatch Sensor - As part of our 5 layers of security, this sensor may be attached to an entry door, hatch or even the engine cowling.
- Photoelectric infrared beam sensors - as part of our 5 layers of security, this sensor is your first line of defense that can be mounted outside the cabin at entry points or at the helm. This sensor uses a true photoelectric beam which ensures protection against false alarms due to shadows, sunlight, etc.

Accessories include a 125 decibel siren, a blinking strobe light, and a red LED indicator light.

- The 125 decibel siren is louder than most police cars and fire trucks, so rest assured it gets attention and deters unwanted intruders if they triggered the alarm
- The blinking strobe light is tied into the siren. It illuminates a bright flashing pattern when the siren is sounding. This is usually installed under the hard top. Between the blinking light and the siren, no one is hanging around your boat to steal something.
- The red LED indicator light signifies if the alarm is armed or disarmed. It’s designed to remind you that the alarm is on when you enter your boat, so you don’t trigger the siren and strobe. The light is usually installed somewhere you’ll notice it before walking through the infrared beams or opening a door.

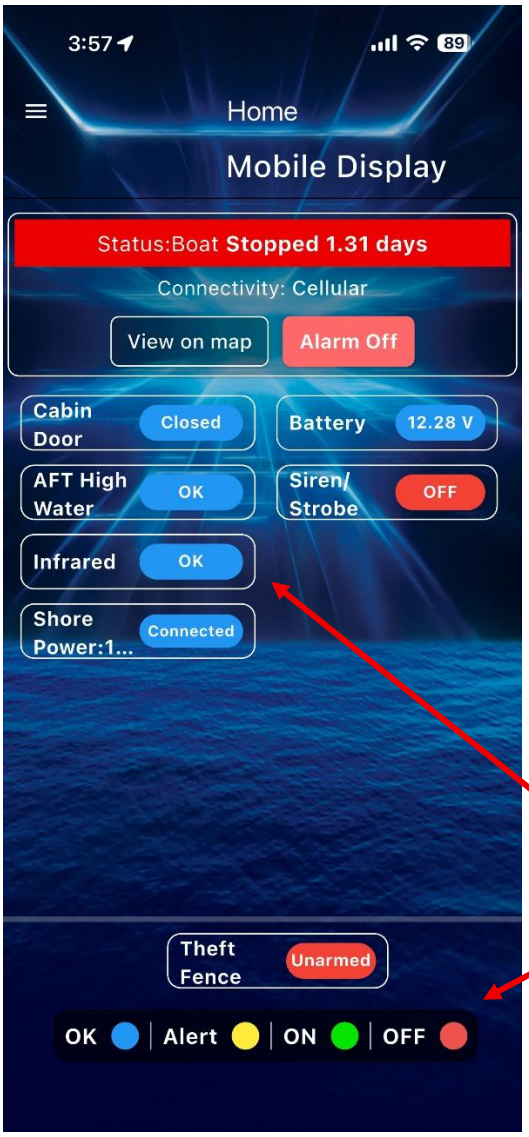
How to Navigate the TMG Mobil App

1. Logging In

1. Open the app.
2. Log in using:
    - Username: The email address you provided
    - Temporary Password: 123456
3. To change your password:
    - Tap the menu (☰) in the top left corner
    - Go to Setup > Users
    - Tap Edit (pencil icon)
    - Enter your new password
    - Tap Update

2. Home Page Overview

You will land on the Home Page at Login. The home page gives you everything you usually need to know to check status of sensors, battery voltage and connectivity. The Menu Bar in the top left corner provides navigation to all of the TMG Dash features.



Status Bar - Shows Stopped or Moving

- Red - Boat stopped, with time stopped
- Green - Boat moving, with speed
- Grey – System disconnected or dead battery

Connectivity: Cellular, Satellite (if equipped) or Trying to Acquire Signal

Interactive Features:

App Menu Bar – click to navigate to other menu items

View on map – Click to show current boat location

Alarm Off – Alarm Off - click to arm the security system

Alarm On - Alarm On – click to disarm the security system

Sensor Status

Shows the status of each connected sensor. (only shows the sensors installed on your boat)

Sensor Status Color Key

The color key shows the color options that each sensor could have based on its current status.

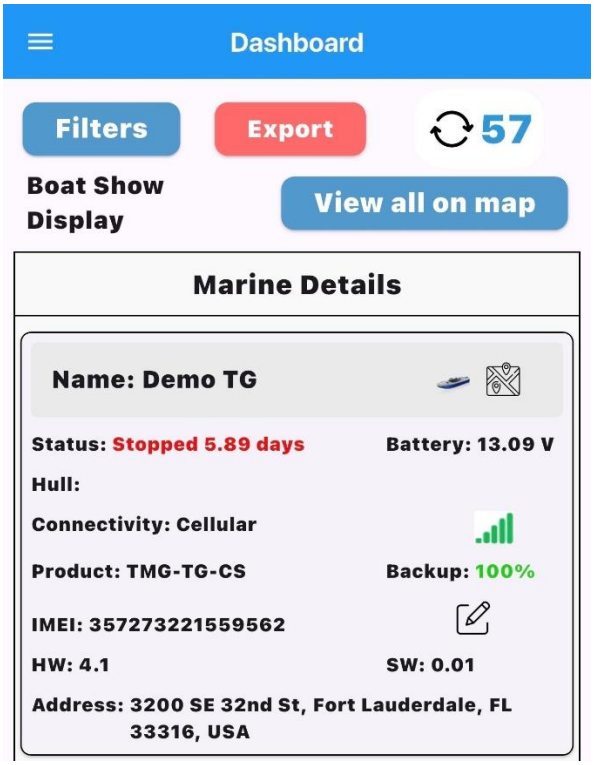
Boat Alarm Siren Important Note

- If the siren is sounding:
  1. On the homepage, wait until the mobile app alarm button says “Alarm Triggered”
  2. Press the Alarm button once, to turn it off. The button will say “Alarm Off”, however the siren may still be sounding.
  3. It may take 10-20 seconds for the siren to turn off.

3. Dashboard

Menu > Dashboard

The dashboard shows all the boats assigned to you. Individual owners typically just have their boat in the dashboard. Fleet managers will see all their boats in the dashboard.



Dashboard Details:

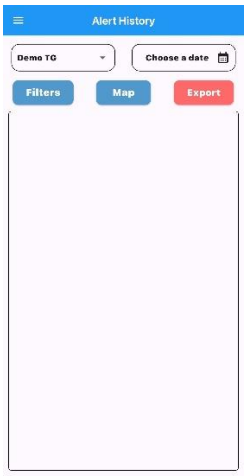
- Status
- Boat battery voltage
- Connectivity
- TMG Product installed
- Backup battery percentage
- IMEI number
- HW: TMG hardware version
- SW: TMG software version
- Address: Curren address, or last known address if the system or boat batteries were disconnected

- Filters – choose the items you want to display on your dashboard
- Export – Export data
- View all on Map – View all boats in your dashboard on a map

4. Alerts History

Menu > Alerts-History

Alerts history is available for 90 days.



1. Select your boat from Choose Boat
2. Select a date from Choose a Date
3. View all alerts received on that date

5. Location & Trip History

Menu > Location

- Displays your boat's current location on a map
- Allows you to review past routes

Breadcrumb View

1. Tap the red boat icon
2. Select Breadcrumb
3. Choose a date
4. Green and red arrows will show the route taken
5. Tap any arrow to see:
   - Latitude & longitude
   - Timestamp

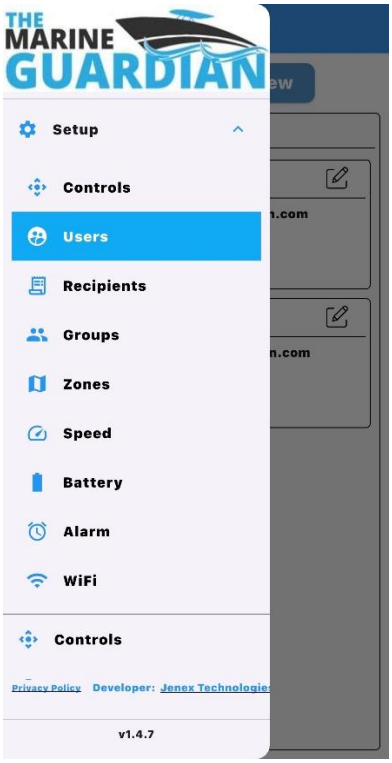
History View

6. Shows the same data in a list format
7. All location data can be exported at any time
   -

6. Setup Menu (Subcategories)

Menu> Setup

The setup menu allows you to setup users, user groups, alert recipients, alert types, zones, alarm parameters and battery alert parameters. Generally, you don't need to change settings in controls or add a sensor.



Controls

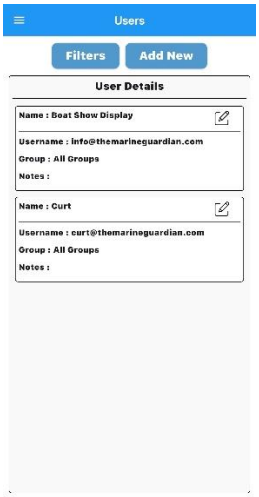
Menu > Setup > Controls

- Displays system inputs and outputs that are setup by The Marine Guardian
- ⚠️ Do NOT change these settings — they are critical to your system's operation

Users

Menu > Setup > Users

Add users to give access to the app. Users can be setup as view only or to make changes. Adding users does not automatically enable alerts. To setup a user to receive alerts, go to Setup> Recipients.

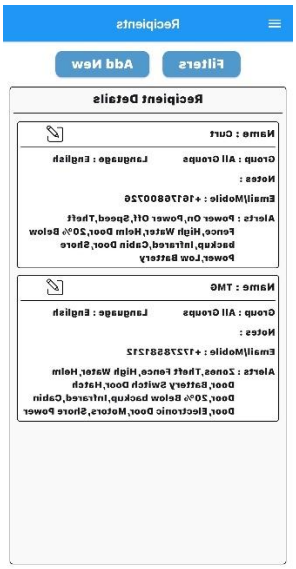


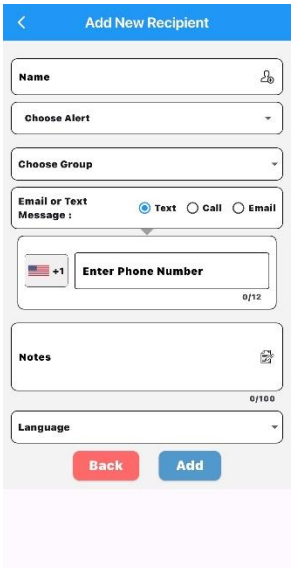
- Change your password
- Add new users:
  - Viewer (view-only access)
  - Master User (editing access)
- Tap Add New
- Enter user details
- Select All Groups
- Tap Update
- You may delete any user (except the original account) at any time
- Adding a user does not

Recipients (Text Message Alerts)

Menu > Setup > Recipients

Add recipients that you want to receive alerts. You can setup multiple recipients to receive the same or different alerts. You can also choose how the recipient receives an alert – Text, Voice Call or Email. The Marine Guardian sets up the default alerts when your system is activated for the first time.





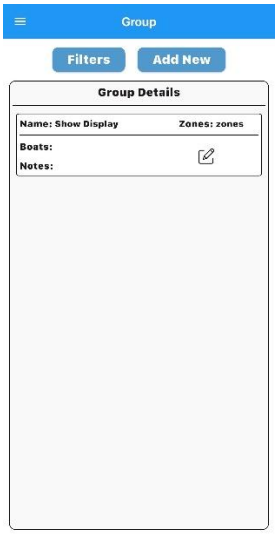
To add a new text recipient:

- Click “add new” and enter their information.
- Choose Alert drop down - Use the alerts already checked off as a guide for their alerts.
- Choose Group – Choose All Groups
- Choose type of alert
- Enter mobile phone number

Groups

Menu> Setup > Groups

Setup groups to simplify the recipient list. Groups can be setup and modified anytime.



To setup a new group:

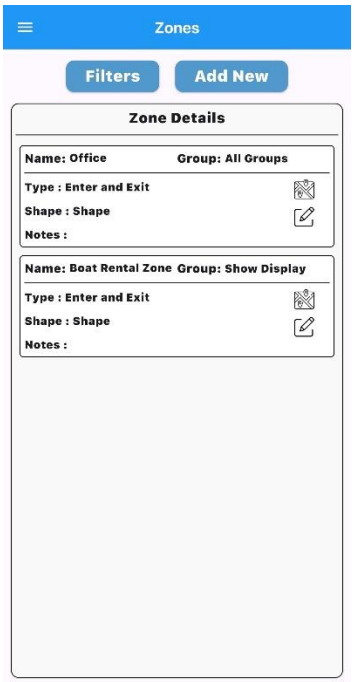
- Click “Add New”
- Type in group name
- Click “Add” to finish setup

Zones

Menu> Setup > Zones

Setup entry/exit zones to receive alerts when a boat travels into or out a defined zone.

NOTE: Zones require setting points on a map. We recommend setting up zones on your computer rather than the mobile app. Your username and password can be used to login into https://www.themarineguardian.com



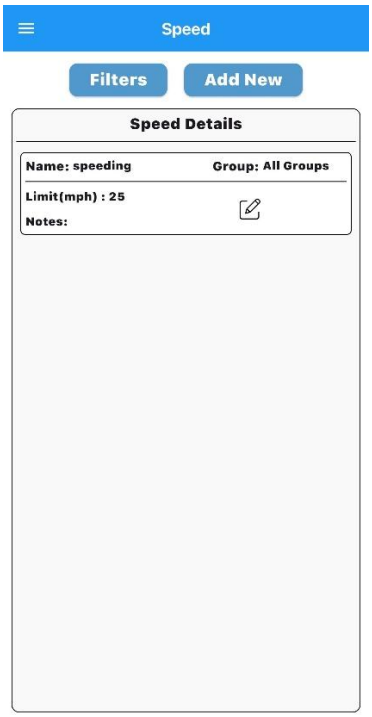
To setup a new zone:

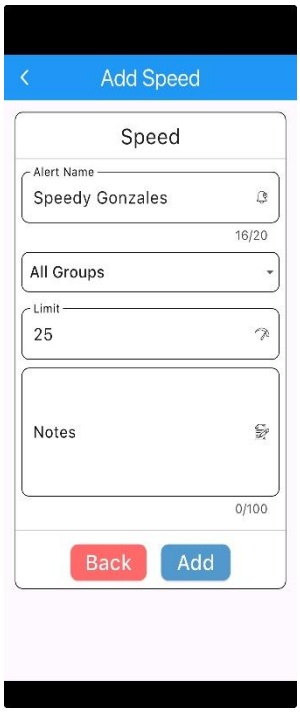
- Click “Add New”
- Add the points on the map by tapping the map with your finger
- Click “Next”
- Type in zone name
- Choose a recipient group to receive alerts
- Choose type of zone alert
- Choose icon type
- Click “Add” to finish setup

Speed

Menu> Setup> Speed

You can setup speed thresholds to receives when the boat travels faster than the threshold setting.





To add a new Threshold:

- Click “Add New”
- Type in Alert Name
- Choose a group to assign the alert to
- Type in speed limit (It’s MPH)
- Click “Add” to finish setup

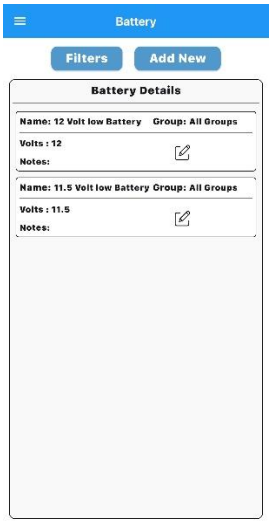
To modify a Threshold:

- Click the pencil icon
- Change the group, name and/or speed
- Click “Update” to finish setup

Battery

Menu > Setup > Battery

Setup the voltage thresholds to receive an alert. The default voltage threshold is 12V. You can setup more than one threshold. Recipients will receive an alert when the house battery falls below the threshold.



- Click "Add New" to add a new threshold.
  - Add an alert name
  - Choose which user group receives the alert
  - Type in the voltage threshold
  - Click "Add" to finish setup

View and modify house battery voltage alerts

- Click the pencil icon
- Modify the Settings
- Click "Update" to finish setup.

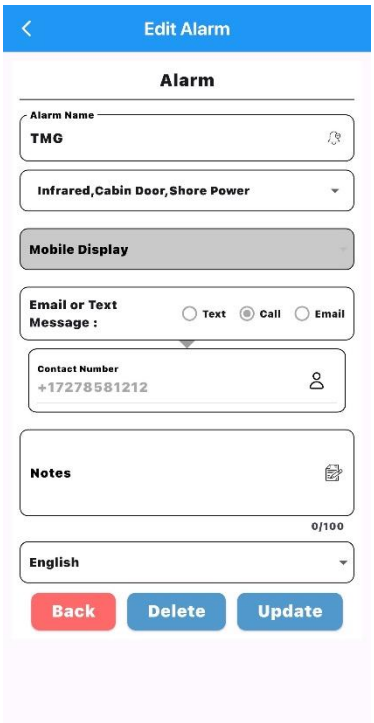
Alarm (Call Alerts)

Menu > Setup > Alarm

THIS IS NOT WHERE YOU ARM SECURITY SYSTEM. GO TO THE HOME PAGE AND CLICK the "Alarm Off" button to arm the security system.

This is where you can assign which sensors will trigger the audible siren on your boat. If the siren is sounded, you can disarm it by clicking on the "Alarm On" button on the home page of the TMG Mobile App. This will change the button to "Alarm Off" and will turn off the alarm. Remember that communication between the mobile app and the siren is via cellular or satellite so it will take several seconds to disarm (Dependent on cell or satellite coverage of the boat location)

NOTE: The siren will sound for 90 seconds before it automatically resets.



Call alerts are set up at activation

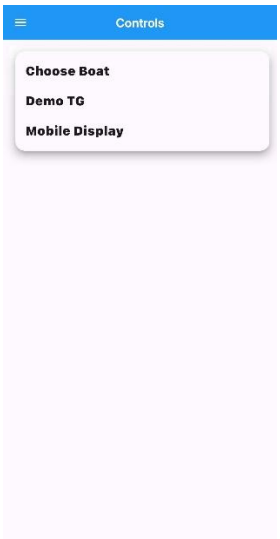
- To disable:
  - Tap Edit
  - Uncheck alerts
- Re-enable when needed
- Do not block the call alert number

7. Controls (Manual System Control)

Menu > Controls > Choose Boat > Select Boat

THIS IS NOT WHERE YOU ARM SECURITY SYSTEM. GO TO THE HOME PAGE AND CLICK the "Alarm Off" button to arm the security system.

This feature manually turns on the theft fence or siren/ strobe. You would only use this if you wanted to turn on the siren manually.



These settings manually turn on the the 125 decibel siren and blinking strobe light. This should only be done if you're trying to get someone's attention or deter a thief.

THIS DOES NOT ARM THE SECURITY SYSTEM.