



**SCRAM**<sup>®</sup>  
G P S



**SCRAM GPS**<sup>®</sup>

Quick Reference Guide



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Please read, understand, and follow all information contained in this manual prior to using the SCRAM GPS Bracelet. Retain this manual for future reference.

Patents: [www.scrampatents.com](http://www.scrampatents.com)

## Intended Use

The SCRAM GPS Bracelet is part of a location tracking and monitoring system and transfers data to a computerized monitoring network. This equipment is intended for use on individuals being monitored by a trained supervising authority.

## Health and Safety Notice

### WARNING

Improper installation or use of this SCRAM device may cause injury.

Refer to Health and Safety Notice at [www.scramsafety.com](http://www.scramsafety.com) or on SCRAMNET Help page and follow instructions to avoid injury.

## Battery Warnings

- Caution - Contains Li-ion or Li-polymer battery. Do not heat, throw into fire, deform, short circuit, immerse in or wet with water.
- Caution - Risk of Explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
- To recharge use only the provided SCRAM GPS charger. Connect the external charger by sliding terminal connector into the housing slot.
- Remove and Immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- Even used batteries may cause severe injury or death.
- Call a local poison control center for treatment information.
- The device contains a 3V MS621FE-FL11E rechargeable coin/button cell battery.
- Non-rechargeable batteries are not to be recharged.
- The device contains a non-replaceable coin/button cell battery.
- Do not force discharge, recharge, disassemble, heat above (manufacturer's specified temperature rating) or incinerate. Doing so may result in injury due to venting, leakage, or explosion resulting in chemical burns.

### ⚠ WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH of CHILDREN**
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.



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# Introduction

This guide contains the core activities that you might perform when logging into SCRAMNET GPS, setting up the site, or adding and managing a client who has been enrolled in the SCRAM Systems® Program. A *Glossary of Terms* and *Alert/Event Definitions* are also included for easy reference.

## Glossary of Terms

**Alerts:** A generic term that refers to events that can potentially generate notifications. This term is often used interchangeably with events.

**Events:** A generic term that is used to describe any bracelet-related occurrence that can be in the Event Details window. Events can be informational, such as plug-ins and unplugs, or they can represent a critical incident that needs immediate attention.

**Exclusion Zone:** An address, on the map, where the client is *never* allowed to be. These are generally victim's home and work.

**Inclusion Zone:** An address, on the map, that defines an area where the client is allowed to be. These are generally "home" and "work."

**Messages:** Refers to the actual data that is sent by a bracelet to the system. Messages include a variety of information including location, battery status, bracelet status, and event information.

**Neutral Zone:** A zone used to track when a client enters and exits. This type of zone does not generate a violation.

**Notifications:** Notifications are emails and/or text messages that are sent to recipients when designated events are generated.

**Onboard Zones vs. On-Server Zones:** Onboard zones are stored on the SCRAM GPS device itself and can only be circular in shape. Eight (8) Exclusion Zones and two (2) Inclusion Zones may be stored "onboard" the device for each offender. On-Server zones allow for polygonal zone shapes and an unlimited number of zones.

**Violations:** Violations refer to events where the client has entered or exited a zone when a schedule required him to be either in (inclusion zones) or out (exclusion zones) of the zone. Neutral zones automatically generate events (entry and exit), but have no schedules and therefore no alerts.

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# Log On SCRAMNET GPS

To log on to the SCRAMNET GPS website:

1. Go to <https://optix.scramnetwork.com> (USA)  
<https://optix.scramnetworkcanada.com> (CA)  
<https://optix.scramnetwork.com.au> (AU)

SCRAM Systems recommends using the latest versions of the Microsoft Edge, Google Chrome, or Mozilla Firefox browsers.

2. Enter the user name in the User Name field.
3. Enter the password in the Password field.  
Note: The Password is case sensitive.
4. Select the **Login** button.  
The *SCRAMNET Optix Dashboard* page appears.
5. Select the **Active Clients** link on the *GPS* tile.

## System Setup

### Add Users

To add a user:

1. Select the **Admin** main navigation button.
2. Select the **Manage Users** option on the dropdown menu.
3. Select the **Add a New User** button.
4. In the *Assign Account* section, select the new user's *Account*, *Account Access*, and *Permissions*.
5. Enter/select all information in the fields and dropdown menus in the *Personal Information* section.
6. Select the **Add New User** button.

### Add Additional Recipients

By default, all users added in SCRAMNET GPS are automatically designated as notification recipients. To add an additional recipient:

1. Select the **Admin** main navigation button.
2. Select the **Account Settings** option from the dropdown menu.

3. Select the **Recipients** tab.
4. Select the **Add Recipient** button.
5. Enter/select all information in the fields and dropdown menus with the light-blue background.
6. Enter the user's cell phone number in the Cell Phone field.
7. Select the **Save** button.

## Add Account Zones

Account Zones can be used for multiple clients. To add an Account Zone from the Administration page:

1. Select the **Account Zones** tab.
2. Select the **Add Zone** button.
3. Select the *Zone Type* for the Account Zone being added.
4. Enter the *Account Zone's* name in the Name field.
5. Select the zone's shape (circle or rectangle) in the Shape dropdown menu.
6. Enter/select address information.
7. Select the **Apply Changes** button.  
The map moves to the address entered.
8. Select the **Save** button.

## Initial SCRAM GPS Client Setup

### Add New Client

#### Profile

To set up the client profile:

1. Select the **Manage** main navigation button.
2. Select the **Add Client** option from the dropdown menu.
3. Enter the client's *first and last name* and *date of birth* on the *Create New SCRAMNET GPS Profile* page.
4. Select the **Create New Client** button.
5. Add the client's details and then select the **Create New Client** button.
6. Select the **View SCRAMNET GPS profile** button on the pop-up window.

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7. In the *Manage Photos* panel, select the **Select** button to add a photograph of the client.

### Supervision Plan

The SCRAM GPS Bracelet being assigned to the client is selected while establishing the supervision plan that will be used. To perform these steps:

1. Select the **Device Assignment** hyperlink.
2. Select the bracelet being assigned in the *Locator* dropdown menu.
3. Select the *Supervision Plan* being associated to this client in the Supervision Plan dropdown menu.
4. Select the **Apply Changes** button.

Once the bracelet is installed on the client's leg, you may select the **Verify Install** button.

### Client Zones

To create a client zone:

1. Select the **Zones** tab.
2. Select the **Create Zone** button.
3. Enter the zone name in the Name field.
4. Select the *Zone Type*.
5. Select whether the zone will be stored *Onboard* the device, or *On-Server*.
6. Select an option in the *Location Type* dropdown menu.  
The 'Home' and 'Work/School' options are only available for Onboard Inclusion zones. The 'Other' option can be used for any type of zone.
7. Select the zone shape (circle, polygon, or rectangle) in the *Shape* dropdown menu.
8. Enter/select address information.
9. Select the *Enters* and/or *Exits* check boxes if you want to view when the client enters or exits this zone.
10. Select the **Apply Changes** button.

The map moves to the address entered.

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11. Select the **Save** button.

## MAP FEATURES

### *Map Views*

- **Map** - Typical view shown when a map is accessed in SCRAMNET GPS.
- **Satellite** - Image view from overhead. By default, the image is displayed at a 45° angle with street labels shown.
- **Street Level** - Displays a panoramic view of an exact location and its surrounding area.

### *Zone Colors*

- **Red** - Exclusion Zone
- **Green** - Inclusion Zone
- **Purple** - Neutral Zone
- **Dark Purple** - Victim Zone

## Zone Schedules

To establish the schedule for a client, on the client's *Zones* page:

1. Select the **Schedule** button.  
The *Zones and Schedule* page displays.
2. Double-click the date/time field where the schedule will begin.  
The *Schedule Details* pop-up window appears.
3. In the pop-up window:
  - a. Select either an *Inclusion* or *Exclusion Zone* to associate the schedule to.
  - b. Name the schedule.
  - c. Select the schedule start date.
  - d. Select the allowed out time.
  - e. Select the days in which the schedule applies.
  - f. Select travel time and/or grace period.
  - g. Select the **Save** button.  
The schedule window now appears on the calendar.
4. To close the *Zones and Schedule* page, select the **X** in the upper right corner.

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## Users and Recipients

To select users who will be managing the client and recipients who will receive notifications from the client's Profile page:

1. Select the **Users and Recipients** tab.
2. Select the appropriate personnel in the All Users field.
3. Select the upper **Right Arrow** icon.

The selected users now appear in the Assigned Users By Account ID field.

4. Select the appropriate personnel in the All Recipients field.
5. Select the lower **Right Arrow** icon.

The selected recipients now appear in the Assigned Recipients By Account ID field.

6. Select the **Save** button.

## Notifications

To select the events that will result in a notification being sent to designated individuals:

1. Select the **Notifications** tab.
2. Select an individual in the **User/Recipient/Victim** dropdown menu.
3. In the *Critical*, *Serious*, *Warning*, and *Message* tabs, select the appropriate **Text Message** and/or **E-mail** checkboxes.
4. Select the **Save** button.

## Install SCRAM GPS Bracelet

### Pre-Installation

1. Connect the external charger by sliding the terminal into the housing slot. SCRAM Systems Best Practices for charging recommend that the device be charged until the "green" light stops blinking.
  - **Charging** - Flashing Green Light
  - **Charge Complete** - Solid Green Light
2. Ensure that the teeth on the back plate are not missing or damaged.
3. Ensure that the indicator lights on the bracelet are facing up

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and are visible by the client while wearing.

4. Note the proper orientation of the back plate on the strap prior to wrapping the strap around the client's ankle.

### Bracelet Installation

To install the bracelet on the client's lower leg:

1. Place the back plate flat against the client's lower leg.
2. Wrap the bracelet around the leg to overlap the loose end.
3. Locate the tabs on the bracelet near the anchor point and insert the tabs into the slots on the back plate.
4. Being careful not to push the bracelet flush with the back plate, push the bracelet until you hear a click.
5. Ensure that the fit is correct and readjust if necessary.
6. Ensure that the tabs are securely in the slots.
7. Push the bracelet flush with the back plate.

You should hear two distinct clicks as the bracelet is secured.

One finger should fit between the strap and leg.

If the installation is successful, a Device Tamper event will be generated.

## Ongoing Client Management

### Process Events

To process events in SCRAMNET GPS:

1. On the *Dashboard* page, open the client's dropdown menu and select the **Events** option.

The *Client Events* pop-up window appears.

2. Select the checkboxes for each event being processed.

Note: Select the top-left check box to process all events at once.

3. Select the **Clear Selected** button.

The *Enter Event Note* pop-up window appears.

4. Enter a note and select the **Save** button.

All selected events are removed.

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To add an *event note*:

1. In the *Client Events* pop-up window, select the checkbox next to a single or multiple events.
2. Select the **Add Event Note** button.  
An *Enter Event Note* pop-up window appears.
3. Enter a note in the field.
4. Select the **Save** button.  
A *Note* icon appears in the *Notes* column for the selected event.

## Utilize GPS Analytics

1. Select the **GPS Analytics** main navigation button to open the dropdown menu.
2. From the dropdown menu, select the desired report.

### *Pattern of Life Analysis*

1. Select your **View** from the dropdown menu.
2. Select your **Client**.

The *Pattern of Life* chart and map will update with the selected information.

### *Client Stop Patterns Report*

1. Select the **Client**.
2. Select the **Start** and **End Date**.
3. Set the **Minimum Points at Location**. SCRAM Systems recommends a minimum of 10 location points.
4. Select the **Run Report** button.

The GPS Analytics chart and map are displayed.

### *Client Shared Locations Report*

1. Select at least two **Clients**.
2. Select a **Start** and **End Date**.
3. Set the **Minimum Points at Location**. SCRAM Systems recommends a minimum of 10 location points.
4. Select the **Only Locations Visited at Same Time** checkbox (optional).

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5. Select the **Run Report** button.

Locations that at least two clients visited are listed.

## View Client's Current Location

1. On the *Dashboard* page, open the client's dropdown menu.
2. From the dropdown menu, select the **Locate Now** option. A *Command Sent* pop-up window appears.

Once the location information is available, a second pop-up window will display the client's current location.

## Client Last Known Location and Movements

1. On the *Dashboard* page, open the client's dropdown menu and select the **Map** option.

The *Location History* panel appears with the client's *Last known Location* shown on the map.

### To View Client's Movement - Past 24 Hours

1. On the *Location History* panel, update the "Last Known Location" dropdown menu option to the "**Past 24 Hours**" option.
2. Select the **Show** button.

All points visited during the last 24 hours are listed.

### To View Client's Movement - Custom

1. On the *Location History* panel, update the "Last Known Location" dropdown menu option to the "**Custom**" option.
2. Select in the **From** field and set the date and time in the calendar, and then select the **Done** button.
3. Select in the **To** field, and set the date and time in the calendar, and then select the **Done** button.
4. Select the **Show** button.

All points visited during the selected time period are listed.

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## Closing Tasks

### Inactivate Client/Unassign SCRAM GPS Bracelet

1. On the *Dashboard* page, select the **client's name** hyperlink.  
The *Profile Summary* pop-up window appears.
2. Select the **Device Information** link.
3. On the Device Assignment page for the Locator, select the **Edit** hyperlink.
4. Select the **Unassign** button.
5. On the *Confirmation* pop-up window, select the appropriate **inventory status** from the dropdown menu and then the **OK** button.

The Locator information is no longer displayed on the Device Assignment page for the client.

#### To inactivate the client's profile:

6. Select the **Client Profile** button located below the main navigation button and select the **Profile** option from the dropdown menu options.  
The client's Profile panel page appears.
7. Select the **Inactive** option in the *Status* dropdown menu.  
An *Inactivation Reason* pop-up window appears.
8. Select the reason for inactivation and then the **Inactivate Client** button.

### Remove SCRAM GPS Bracelet

To remove the bracelet from the client's lower leg:

1. Fully insert the SCRAM Systems Removal Tool into one of the tab-release slots, located on the back plate.
2. Twist the tool at least 90 degrees to tear through the thin plastic partition until you hear a loud click, indicating that the back plate tab has broken.
3. Repeat steps 1 and 2 on the other tab-release slot.

4. With both tabs broken, pull the bracelet away from the back plate.
5. Remove the back plate and strap from the client's ankle area.
6. Inspect the tab-slots in the device for remnants of the back plate and gently tap the device against your hand to remove them.

## Disinfect and Clean SCRAM Equipment

To prevent damage to SCRAM equipment, only use **3% Hydrogen Peroxide (H<sub>2</sub>O<sub>2</sub>) Solution**. This is the only cleaner approved by SCRAM Systems.

### General Information

When handling previously used SCRAM equipment, wear gloves eye protection, and a face mask before and during the disinfecting process.

Hydrogen Peroxide (H<sub>2</sub>O<sub>2</sub>) slowly oxidizes into water (H<sub>2</sub>O) over time. This oxidation process is accelerated when exposed to light, and this reduces its effectiveness. Always ensure your bottle of 3% Hydrogen Peroxide solution is not past its expiration date and is stored in a dark-colored bottle in a cool, dry location. **Do not expose the liquid to direct sunlight or hot environments.** When transferring the liquid from its original bottle to a spray bottle, only use a dark-colored spray bottle to limit exposure to light.

**WARNING:** Hydrogen peroxide (H<sub>2</sub>O<sub>2</sub>) is a potent cleaning agent. Even a 3% solution can cause adverse side effects if ingested or if it comes in contact with your eyes or skin. If you accidentally expose your eyes or skin to the H<sub>2</sub>O<sub>2</sub> solution while cleaning, follow the exposure instructions printed on the bottle. As with most disinfectants, ensure you are in a well-ventilated space when working with H<sub>2</sub>O<sub>2</sub>. Be careful not to overspray hydrogen peroxide onto carpets or clothes, as it bleaches some materials.

### **Do Not Use the Following Types of Cleaners on Your SCRAM Equipment:**

- Alcohol-based
- Citrus-scented
- Pine-based
- Aldehyde-based
- Chlorine-based
- Contains Benzalkonium Chloride

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### To Disinfect and Clean a SCRAM GPS Bracelet:

1. Spray the surfaces with 3% Hydrogen Peroxide (H<sub>2</sub>O<sub>2</sub>) solution.
2. Allow them to remain wet for 10-15 minutes.
3. Re-spray the device with 3% H<sub>2</sub>O<sub>2</sub> solution to break up any film left behind by the initial application.
4. Lightly scrub the bracelet housing and strap with a nylon scrub brush to remove any built-up debris.
5. Rinse off the bracelet with a damp washcloth.
6. Wipe surfaces dry with a paper towel or cloth.

### To Disinfect the SCRAM GPS Beacons:

1. Spray the surfaces with 3% H<sub>2</sub>O<sub>2</sub> solution.
2. Allow them to remain wet for 10-15 minutes.
3. Wipe surfaces dry with a paper towel or cloth.

### Biohazard Disposal

If you feel that a piece of SCRAM Systems equipment may pose a specific health hazard, and you decide it is not worth the risk to clean or reuse the device, please **dispose of the device in a sealed plastic bag** and refer to the e-waste disposal guidelines in your area for specific electronic equipment disposal instructions

**DO NOT return the device to SCRAM Systems.**

Contact SCRAM Systems Customer Services (contact information available on page 19 of this guide) with the serial number of the device being removed from your inventory.

## Inventory Management

### Move SCRAM GPS Bracelets to Another Account

1. Select the check box for each device being moved.
2. Select the receiving account in the *Move Devices To* dropdown menu.
3. Select the **Move** button.

The transferred SCRAM GPS equipment will now appear in the receiving account.

## Return Equipment

If you feel the SCRAM equipment is not operating as designed, contact SCRAM Systems Customer Services (contact information is available on page 19 of this guide) to request an RMA. Once a device has an RMA, update the inventory status to “*In Transit to AMS*” and return to SCRAM Systems.

## Alert/Event Definitions

### Bracelet Alerts/Events

Critical Alerts	Description
<b>Exclusion Zone Violation</b>	Generated when a client enters an exclusion zone and the system determines that one or more location points are inside the zone.
<b>Exclusion Zone Violation Clear</b>	Generated when the client exits the exclusion zone.
<b>Device Tamper</b>	Generated when a client separates or damages the back plate that secures the bracelet to the client. User clears this event from Dashboard.
<b>Device Tamper Clear</b>	Once the Device detects an installation of a backplate, the Device Tamper Clear event is generated and the flashing red light will change to a flashing blue light. User clears this event from Dashboard page.
<b>Strap Tamper</b>	Generated when a client cuts, damages, or removes the strap from the bracelet. User clears this event from Dashboard page.
<b>Strap Tamper Clear</b>	Once the Device no longer detects a damaged or removed strap, a <i>Strap Tamper Clear</i> event is generated, and the flashing red light will change to a flashing blue light. User clears this event from Dashboard.
<b>Victim Zone Violation</b>	Indicates that the client has moved within the victim's Exclusion zone.
<b>Victim Zone Violation Clear</b>	Indicates that the client has exited the victim's Exclusion zone.

Serious Alerts	Description
<b>Battery Critical</b>	Generated when the bracelet battery reaches a pre-defined low point, which is approximately two (2) hours of battery life left.
<b>Communication Failure</b>	Generated when the bracelet fails to communicate with the system for a period that exceeds the transmission frequency interval of the client's supervision plan, and the user-defined buffer period for communication failures.
<b>Communication Failure Clear</b>	Generated when the bracelet re-establishes communication with the system.
<b>Location Failure</b>	Generated when the bracelet is unable to transmit a valid location within the communication interval established by the client's supervision plan and a user defined buffer period.
<b>Location Failure Clear</b>	Generated when the bracelet receives a valid location point after there has been a location failure and that location point is successfully communicated to the system.
<b>Inclusion Zone Violation</b>	Generated when a client moves outside the boundaries of an inclusion zone during a scheduled period.
<b>Inclusion Zone Violation Clear</b>	Generated when the client enters an inclusion zone for which there was an inclusion zone violation.
<b>No Motion</b>	Generated when the locator does not detect motion for a period of time defined by the user.
<b>No Motion Clear</b>	Event is generated when the locator detects motion after generating a No Motion alert. The No Motion icon on the Dashboard will no longer be displayed.
<b>Potential Dead Battery</b>	Generated when the locator, or the system, detects the locator's battery is depleted.
<b>Potential Dead Battery Clear*</b>	The event is generated when the locator is connected to a power source and is actively charging. The battery icon will display as charging (lightning bolt) on the Dashboard.

Warning Events	Description
<b>Battery Low</b>	Generated when the bracelet battery level reaches a predefined low level.
<b>Battery Low Clear</b>	Generated after the bracelet has been plugged into a power source for a period of time needed to give the battery a sufficient amount of charge.
<b>Victim Zone Buffer Entry</b>	Generated when the client enters a user-defined buffer area surrounding a victim moving zone.
<b>Victim Zone Buffer Exit</b>	Generated when the client exits the victim moving zone buffer area by moving away from the victim moving zone.

Warning Events	Description
<b>Possible Cellular Jamming</b>	The cellular communications module in the SCRAM GPS device can detect the presence of another device that is creating a radio frequency (RF) disturbance in the cellular signal of the SCRAM GPS device. If this RF disturbance in the cellular signal subsequently causes a loss of communication between the SCRAM GPS device, the cell tower it was registered to at the time, and an adjacent cell tower, then a Possible Cellular Jamming alert will generate.
<b>Possible Cellular Jamming Clear</b>	The event is generated when the Device no longer detects the presence of another device creating a radio frequency (RF) disturbance in the cellular signal of the SCRAM GPS device, and communication is restored.  The user clears this event from the Dashboard page after entering note, when the event is not set to auto-clear.

Message Events	Description
<b>AC Plug in</b>	Indicates that the bracelet has been plugged into a power source and is currently being charged.
<b>AC Unplug</b>	Indicates that the bracelet has been unplugged from a power source and is running on battery power.
<b>Exclusion Zone Entry</b>	Indicates that the client has entered an exclusion zone.  If user chooses, this event is generated independent of the Exclusion Zone Violation Event that would also be generated when a client enters an exclusion zone.
<b>Exclusion Zone Exit</b>	Indicates that the client has exited an exclusion zone.
<b>Inclusion Zone Entry</b>	Indicates that the client has entered an inclusion zone.
<b>Inclusion Zone Exit</b>	Indicates that the client has exited an inclusion zone.
<b>Neutral Zone Entry</b>	Indicates that the client has entered a neutral zone.
<b>Neutral Zone Exit</b>	Indicates that the client has exited a neutral zone.
<b>Audible - Command Sent</b>	Indicates that the user sent an audible alarm to the bracelet.
<b>Audible - Device Received</b>	Sent by the bracelet to indicate that it received the audible command from the system.
<b>Vibrate - Command Sent</b>	Indicates that the user sent a vibrate alarm to the bracelet.
<b>Vibrate - Device Received</b>	Sent by the bracelet to indicate that it received the vibrate command from the system.
<b>Acknowledgement</b>	Indicates that the client has responded to the audible or vibrate command by pressing the button on the bracelet.
<b>Exclusion Zone Buffer Entry</b>	Generated when the client enters a user-defined buffer area surrounding an exclusion zone.
<b>Exclusion Zone Buffer Exit</b>	Generated when the client exits the exclusion zone buffer area by moving away from the exclusion zone.

Message Events	Description
<b>Battery Low Vibrate - Client did not push button</b>	Generated when a user sends a vibrate command to the bracelet and the client does not acknowledge by pushing the button on the bracelet.
<b>Battery Low Vibrate - Client pushed button</b>	Generated when a user sends a vibrate command to the bracelet and the client pushes the button on the bracelet.
<b>End Of Service</b>	Indicates that the client has been inactivated.
<b>Fully Charged (Locator)</b>	Generated when the locator is charging and is completely charged.
<b>Charger Maintenance</b>	Generated when the client has had the same bracelet assigned for 12 months or more, or the client has had 150 or more AC Plugin Events in the last seven (7) days.
<b>Suspend Alerts Started</b>	Indicates that the Suspend Alerts feature has been activated.
<b>Suspend Alerts Ended</b>	Indicates that the Suspend Alerts feature has been disabled.

## Troubleshooting

Issue	Indication	Recommended Action
<b>No Communication</b>	Indicates that the bracelet is unable to communicate with cell tower. On the Dashboard page, a solid red icon appears in the Equipment column for the client.	Instruct client to plug device in for 15 minutes.  If communication failure does not clear, instruct client to stand outside for 15 minutes in an attempt to communicate with cell tower.
<b>No Location</b>	Indicates that the satellites are unable to acquire the client's bracelet to give a current location point. On the Dashboard page, a solid red icon appears in the Location column for the client.	Instruct client to step outside for 15 minutes and send a 'Locate Now' command to the client's bracelet through the software.
<b>"NA" Battery Status</b>	Indicates that the bracelet battery voltage has not updated within the last 2 hours. On the Dashboard page, the Battery icon in the Locator Battery column will display "NA" inside the battery.	Check the 'Events Detail' window to determine if the client let the bracelet battery completely deplete due to lack of charging. If so, have client charge the bracelet.  If the bracelet has been in communication failure for over 2 hours then the bracelet will go into "NA" battery status.  Follow the recommended actions to clear the communication failure.

Issue	Indication	Recommended Action
<b>Device Tamper</b>	Indicates that there was a potential back plate tamper. On the Dashboard page, a blinking red icon appears in the Equipment column for the client.	<p>Visually inspect the bracelet for signs of a tamper around the back plate.</p> <p>If there are no signs of a tamper, replace the back plate.</p> <p>Before installing a new back plate on the device, ensure the slots and holes are free from debris or remnants of the previous back plate.</p> <p>If the back plate fails to secure completely or the bracelet regenerates a tamper alert shortly after replacing the back plate, replace the bracelet and request an RMA from SCRAM Systems.</p>
<b>Strap Tamper</b>	Indicates that there was a potential strap tamper. On the Dashboard page, a blinking red icon appears in the Equipment column for the client.	<p>Visually inspect the bracelet for signs that the strap has been cut or compromised by a heat source.</p> <p>After your inspection, regardless of inspection results, replace the device's strap.</p> <p>If after replacing the strap a new Strap Tamper event is generated, and there are no signs of a tamper, replace the bracelet and request an RMA from SCRAM Systems.</p>
<b>Battery Critical Low Battery</b>	May indicate that the bracelet is not charging properly or the bracelet is not holding a charge. The 'Event Details' window will display the charging history.	<p>For a bracelet that is not charging, ensure that a green flashing light turns on when the bracelet is placed on a charger.</p> <p>If no lights turn on, replace the charger.</p> <p>If replacing the charger does not correct the issue, replace the bracelet and request an RMA from SCRAM Systems.</p> <p>For a bracelet that is not holding a charge, check the 'Event Details' window to ensure that the client is charging the bracelet as instructed.</p> <p>If the client appears to be charging the bracelet as instructed and the battery is depleting faster than normal, replace the bracelet and request an RMA from SCRAM Systems.</p>

# Product Specifications

## Bracelet

Dimensions:	8.3 cubic inches (3.37" tall x 2.75" wide x 0.90" deep)
Weight:	8.8 oz (250 grams)
Waterproof:	IP68 military standard (2 meters)
Strap Material:	Hypoallergenic, industrial-grade plastic, embedded fiber optic cable
Cellular Network:	4G LTE
GPS Monitoring Options:	Active, Hybrid, Passive
Primary Location Technology:	Autonomous GPS
Secondary Location Technology:	Cell tower triangulation and tower location-based services (LBS); RF beacon
Memory (storage):	On-board, up to 3,600 events
Battery Life:	Up to 40 hours
Battery Recharging Time:	SCRAM Systems Best Practices for charging recommend that the device be charged until the green light stops blinking
Two-way Communication:	Audible tone and vibrate notifications; client acknowledge button
Zones:	Inclusion, Exclusion, and Neutral. Onboard and on-server zone storage
Tamper Detection:	Cut strap and device tamper (backplate removal)
Alert Notification:	User configurable e-mail or text

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## Contact Information:

### 24/7 Customer Service

#### North America

303-785-7879

#### United Kingdom

0808-234-4658

#### Australia

02-8074-2938

03-9070-4720

#### New Zealand

03-659-0170

#### Netherlands

208-88-7706

#### E-mail:

Monday – Friday between the hours of 8:00 AM to 6:00 PM (ET US) at  
[gpssupport@scramsystems.com](mailto:gpssupport@scramsystems.com)

Urgent and time-sensitive needs after-hours and weekends at  
[support@scramsystems.com](mailto:support@scramsystems.com)

Alcohol Monitoring Systems, Inc. dba SCRAM Systems

8100 Southpark Way

Suite A-8

Littleton, CO 80120

# Regulatory Information:

## LTE SCRAM GPS Bracelet (GPS700 & GPS710)

### Regulatory Information in English

#### United States / Canada

Model GPS700 & GPS 710

Input 5V  $\overline{\text{---}}$  3A

FCC ID P8M-GPS700, IC:8549A-GPS700

PMN: GPS700, GPS710

HVIN: GPS700, GPS710

UL/IEC/ETSI EN 62368

Certified to ANSI/UL STD 60950-1



This device complies with part 15 of the FCC Rules and the Industry Canada license-exempt RSS standard(s). Operation of this device is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications to this device not expressly approved by SCRAM Systems could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. If this equipment does cause harmful interference to radio or television reception the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Consult the dealer or an experienced radio/TV technician for help.

**Estados Unidos / Canadá**

Modelo GPS700 & GPS710

Entrada 5V  $\overline{\text{-----}}$  3A

FCC ID P8M-GPS700, IC:8549A-GPS700

PMN: GPS700, GPS710

HVIN: GPS700, GPS710

UL/IEC/ETSI EN 62368

Certificada según ANSI/UL STD 60950-1



Este dispositivo cumple con la parte 15 de las normas de la FCC y los estándares RSS exentos de licencia de Industry Canada. El funcionamiento de este dispositivo está sujeto a las dos condiciones siguientes:

1. Este aparato no puede provocar interferencias dañinas, y
2. Este aparato debe aceptar la interferencia recibida, incluyendo la interferencia que puede provocar un funcionamiento no deseado.

Los cambios o modificaciones a este dispositivo no aprobados expresamente por los Sistemas SCRAM podrían anular la autoridad del usuario para operar el equipo.


Nota: Este equipo ha sido evaluado y se encontró que cumple con los límites para un aparato digital de la Clase B, conforme con la parte 15 de las Reglas de la FCC. Estos límites están diseñados para proporcionar una protección razonable contra la interferencia dañina en una instalación residencial. Este equipo genera, usa y puede irradiar la energía de frecuencia de radio y, si no se instala y se usa conforme con las instrucciones, puede provocar interferencias dañinas a las comunicaciones de radio.

Si este equipo provoca interferencias dañinas a la recepción de radio o televisión, se alienta al usuario a intentar corregir la interferencia con una o más de las siguientes medidas:

- Reorientar o reubicar la antena receptora.
- Aumentar la separación entre el equipo y el receptor.
- Consultar con el proveedor o con un técnico de radio/TV experimentado para obtener ayuda.

États-Unis / Canada

Modèle GPS700 & GPS710

Entrée 5V  3A

FCC ID P8M-GPS700, IC:8549A-GPS700

PMN: GPS700, GPS710

HVIN: GPS700, GPS710

UL/IEC/ETSI EN 62368

Certifié selon ANSI/UL STD 60950-1



Cet appareil est conforme à la partie 15 des règles de la FCC et aux normes RSS sans licence d'Industrie Canada. Le fonctionnement de cet appareil est soumis aux deux conditions suivantes :

1. Cet appareil ne doit pas émettre d'interférences indésirables, et
2. Cet appareil doit accepter toutes les interférences reçues, notamment celles pouvant provoquer un fonctionnement indésirable.

Des changements ou des modifications sur cet appareil qui ne sont pas expressément approuvées par SCRAM Systems peuvent annuler le droit de l'utilisateur à exploiter l'équipement.

Remarque: Cet équipement a été testé et est conforme aux limites d'un appareil numérique de classe B, en vertu du paragraphe 15 du règlement de la FCC. Ces limites ont été établies pour fournir une protection raisonnable contre des interférences préjudiciables dans un environnement résidentiel. Cet équipement génère, utilise et peut rayonner de l'énergie HF et, s'il n'est pas installé et utilisé selon les instructions, peut générer des interférences préjudiciables aux radiocommunications. Si cet équipement génère des interférences préjudiciables à la réception de la radio ou de la télévision, l'utilisateur est invité à essayer de corriger l'interférence en utilisant une ou plusieurs parmi les mesures suivantes:

- Réorientez ou déplacez l'antenne réceptrice.
- Augmentez la distance entre l'équipement et le récepteur.
- Contactez le revendeur ou un technicien radio/télévision qualifié.

## SCRAM GPS Beacon (BS600)

### Regulatory Information in English

#### United States

Beacon

Model – BS600

Input 10V  650mA

FCC ID P8M-BS600

This device complies with part 15 of the FCC Rules and/or part 68 of the FCC Rules. Operation of this device is subject to the following two conditions:

1. The device may not cause harmful interference, and
2. The device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications to this device not expressly approved by SCRAM Systems could void the user's authority to operate the equipment.

#### Canada

Beacon

Model – BS600

Input 10V  650mA

IC:8549A-BS600

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

**WARNING:** Unauthorized antennas, modifications, or attachments could impair call quality, damage the device, or result in violation of Industry Canada regulations.

**RF EXPOSURE:** This device is a radio transmitter and receiver. It is designed and manufactured not to exceed the emissions limits for exposure to radio frequency (RF) energy set by Industry Canada (IC). These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. These guidelines are based on the safety standards previously set by Industry Canada and international standards bodies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless RF devices employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the IC is 4 W/kg. SAR values at or below that limit are considered safe for the general public. The maximum SAR value when operated in as a hand held device in accordance with this manual is 1.31 W/kg, which is below the limit set by IC.

**Europe**  
Beacon  
Model - BS610



Hereby, Alcohol Monitoring Systems, Inc. declares that the above product is compliant with the essential requirements and provisions of all applicable Directives. A full declaration of conformity is available upon request.



This symbol indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased this product.

**Australia & New Zealand**

Beacon: BS620



Hereby, Alcohol Monitoring Systems, Inc. declares that the above product is compliant with the essential requirements and provisions of all applicable Directives. A full declaration of conformity is available upon request.



This symbol indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased this product.

**Estados Unidos**

Faro

Modelo – BS600

Entrada 10V 650mA

FCC ID P8M-BS600

Este dispositivo cumple con la parte 15 de las Reglas de la FCC y/o la parte 68 de las Reglas de la FCC. El funcionamiento de este dispositivo está sujeto a las dos condiciones siguientes:

1. Es posible que el dispositivo no cause interferencias dañinas y
2. El dispositivo debe aceptar cualquier interferencia recibida, incluida la interferencia que pueda causar un funcionamiento no deseado.

Los cambios o modificaciones a este dispositivo no aprobados expresamente por SCRAM Systems podrían anular la autoridad del usuario para operar el equipo.

**Canadá**

Faro

Modelo – BS600

Entrada 10V 650mA

IC:8549A-BS600

Este dispositivo cumple con los estándares RSS exentos de licencia de Industry Canada. El funcionamiento está sujeto a las dos condiciones siguientes:

1. Es posible que este dispositivo no cause interferencias.
2. Este dispositivo debe aceptar cualquier interferencia, incluida la interferencia que pueda causar un funcionamiento no deseado del dispositivo.

**ADVERTENCIA:** Las antenas, modificaciones o accesorios no autorizados podrían afectar la calidad de la llamada, dañar el dispositivo o resultar en una violación de las regulaciones de Industry Canada.

**EXPOSICION RF:** Este dispositivo es un transmisor y receptor de radio. Está diseñado y fabricado para no exceder los límites de emisiones para la exposición a la energía de radiofrecuencia (RF) establecida por Industry Canada (IC). Estos límites son parte de directrices integrales y establecen niveles permitidos de energía de RF para la población en general. Estas directrices se basan en las normas de seguridad establecidas anteriormente por Industry Canada y los organismos internacionales de normalización. Las normas incluyen un margen de seguridad sustancial diseñado para garantizar la seguridad de todas las personas, independientemente de su edad y salud.

El estándar de exposición para dispositivos de RF inalámbricos emplea una unidad de medida conocida como tasa de absorción específica, o SAR. El límite SAR establecido por el IC es de 4 W/kg. Los valores SAR en o por debajo de ese límite se consideran seguros para el público en general. El valor máximo de SAR cuando se opera como un dispositivo de mano de acuerdo con este manual es de 1,31 W/kg, que está por debajo del límite establecido por IC.

**Europa**  
Faro  
Modelo - BS610



Por la presente, Alcohol Monitoring Systems, Inc. declara que el producto anterior cumple con los requisitos y disposiciones esenciales de todas las Directivas aplicables. Una declaración completa de conformidad está disponible bajo petición.



Este símbolo indica que este producto no debe tratarse como residuo doméstico. En su lugar, se entregará al punto de recogida aplicable para el reciclado de equipos eléctricos y electrónicos. Al asegurarse de que este producto se elimina correctamente, ayudará a prevenir posibles consecuencias negativas para el medio ambiente y la salud humana, que de otro modo podrían ser causadas por la manipulación inadecuada de residuos de este producto. El reciclaje de materiales ayudará a conservar los recursos naturales. Para obtener información más detallada sobre el reciclaje de este producto, póngase en contacto con su oficina local de la ciudad, su servicio de eliminación de residuos domésticos o la tienda donde compró este producto.

**Australia y Nueva Zelanda**  
Faro: BS620



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### États-Unis

Balise

Modèle - BS600

Entrée 10V 650mA

FAC ID P8M-BS600

Ce dispositif est conforme à la partie 15 des Règles de la FCC et/ou à la partie 68 des Règles de la FCC. L'exploitation de cet appareil est soumise aux deux conditions suivantes:

1. L'appareil ne peut pas causer d'interférences nocives, et
2. L'appareil doit accepter toute interférence reçue, y compris les interférences qui peuvent causer un fonctionnement indésirable.

Les modifications ou modifications apportées à cet appareil qui n'est pas expressément approuvée par SCRAM Systems pourraient annuler l'autorisation de l'utilisateur d'utiliser l'équipement.

### Canada

Balise

Modèle - BS600

Entrée 10V 650mA

IC:8549A-BS600

Cet appareil est conforme aux normes RSS exonérées de licence d'Industrie Canada. L'opération est soumise aux deux conditions suivantes:

1. Cet appareil peut ne pas causer d'interférences.
2. Cet appareil doit accepter toute interférence, y compris les interférences qui peuvent causer le fonctionnement indésirable de l'appareil.

**AVERTISSEMENT :** Des antennes, des modifications ou des pièces jointes non autorisées pourraient nuire à la qualité des appels, endommager l'appareil ou entraîner une violation des règlements d'Industrie Canada.

**RF EXPOSURE:** Cet appareil est un émetteur radio et un récepteur. Il est conçu et fabriqué pour ne pas dépasser les limites d'émissions pour l'exposition à l'énergie radiofréquence (RF) fixée par Industrie Canada (IC). Ces limites font partie des lignes directrices exhaustives et établissent des niveaux autorisés d'énergie RF pour la population en général. Ces lignes directrices sont fondées sur les normes de sécurité précédemment établies par Industrie Canada et les organismes internationaux de normalisation. Les normes comprennent une marge de sécurité importante conçue pour assurer la sécurité de toutes les personnes, indépendamment de leur âge et de leur état de santé.

La norme d'exposition pour les appareils RF sans fil utilise une unité de mesure connue sous le nom de taux d'absorption spécifique, ou SAR. La limite SAR fixée par l'IC est de 4 W/kg. Les valeurs SAR à ou en dessous de cette limite sont considérées comme sans danger pour le grand public. La valeur SAR maximale lorsqu'elle est actionnée en tant qu'appareil portatif conformément à ce manuel est de 1,31 W/kg, ce qui est inférieur à la limite fixée par IC.

**Europe**  
Balise  
Modèle - BS610



En la présente, Alcohol Monitoring Systems, Inc. déclare que le produit ci-dessus est conforme aux exigences et dispositions essentielles de toutes les directives applicables. Une déclaration complète de conformité est disponible sur demande.



Ce symbole indique que ce produit ne doit pas être traité comme des ordures ménagères. Au lieu de cela, il doit être remis au point de collecte applicable pour le recyclage des équipements électriques et électroniques. En vous assurant que ce produit est éliminé correctement, vous aidez à prévenir les conséquences négatives potentielles pour l'environnement et la santé humaine, qui pourraient autrement être causées par une manipulation inappropriée des déchets de ce produit. Le recyclage des matériaux permettra de conserver les ressources naturelles. Pour plus d'informations sur le recyclage de ce produit, veuillez contacter votre bureau municipal local, votre service d'élimination des déchets ménagers ou l'atelier où vous avez acheté ce produit.

**Australie et Nouvelle-Zélande**

Balise: BS620



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**Alcohol Monitoring Systems, Inc.**

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