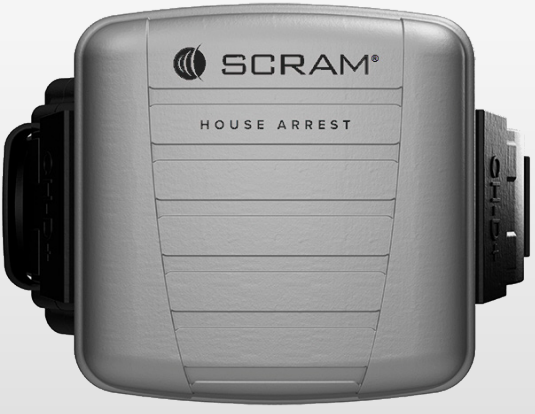
SCRAM®
HOUSE ARREST



SCRAM House Arrest®

Quick Reference Guide

Please read, understand, and follow all information contained in this manual prior to using the SCRAM House Arrest (HA) Bracelet and Base Station. Retain this manual for future reference.

Patents: www.scrampatents.com

Intended Use

The SCRAM House Arrest Bracelet, SCRAM Base Station, and SCRAM Wireless Base Station are part of a home curfew monitoring system and transfer 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 or on SCRAMNET Help page and follow instructions to avoid injury.

Cleaning

Properly clean and disinfect SCRAM House Arrest Bracelets before installation using instructions provided on the SCRAMNET Help page.

To avoid damaging equipment, use only cleaning and disinfecting products approved by SCRAM Systems on the SCRAMNET Help page. Never use citrus or pine-based cleaning products. To avoid contaminating alcohol sensors within SCRAM Systems products, never use alcohol or alcohol-containing cleaning products.

Battery Warnings

Bracelet

SCRAM House Arrest Bracelet batteries are non-rechargeable. Do not attempt to charge SCRAM House Arrest Bracelet batteries.

Dispose of batteries in accordance with all applicable local regulations.

Replace SCRAM House Arrest Bracelet batteries when recommended by SCRAMNET or by SCRAM Systems Customer Service.

Always use 3V lithium CR2 batteries in SCRAM House Arrest Bracelet.

SCRAM Standard Base Station and SCRAM Wireless Base Station

Caution – Base station 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 base station battery is replaced by an incorrect type.

Use only base station replacement batteries provided by SCRAM Systems.

Dispose of batteries in accordance with all applicable local regulations.

Replace base station batteries when recommended by SCRAMNET or by SCRAM Systems Customer Service.

To recharge base station use only the provided SCRAM Base Station charger.

Table of Contents

Introduction

This guide outlines the core activities that you may perform when managing a client enrolled in an electronic monitoring program using a SCRAM House Arrest Bracelet.

Glossary of Terms

Event – Applies only to clients being monitoring for house arrest. Any change of state relative to the bracelet, base station, or communication between the bracelet and base station.

Alert – A classification of an event requiring special attention or notification.

Violation – A suspected non-compliance event that results in an alert being generated.

Notification – An e-mail, text message, or page that is sent when a designated house arrest alert is generated.

Caseload – A group of active clients being managed by an Agent or Agent Supervisor.

Servicing Location – A facility, such as an office, that is used to manage clients and SCRAM equipment.

Log On To SCRAMNET

To log on to the SCRAMNET 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 your user name.
3. Enter your password.

   Note: The Password is case sensitive.
4. Select the **Login** button.

   The *SCRAMNET Optix Dashboard* page appears.
5. Select the **Active Clients** hyperlink on the *HA* tile.

Initial SCRAM House Arrest Client Setup

Add New Client in SCRAMNET

1. Open the **Manage Client** dropdown menu and select the **Pending Client** option.
2. Select the **Add a New Client** button.
3. Enter the client's *first* and *last* name and *date of birth* on the *Create New SCRAMNET Profile* page.
4. Select the **Create New Client** button.
5. Add the client's details and then select the **Create New Client** button. All fields are required unless marked *Optional*.
6. On the *Client successfully added to SCRAMNET* pop-up window, select the **Assign Equipment** button.
7. On the client's *Equipment* page, select the **Assign Monitoring** button.
8. On the *Change Client Monitoring* page, select **House Arrest** option in the *Monitoring Type* drop-down list, and then enter the required information.
9. Select the **Save Changes** button.

Assign SCRAM Equipment

Before Client Arrives

Perform the following steps shortly before meeting with the client.

1. If you have the client's information available, enter that information into SCRAMNET as described above.
2. Ensure that the base station backup battery is fully charged.
3. Install the SCRAM House Arrest Bracelet components.
    a. Install the battery: Look closely for the outline of a battery in the battery compartment and insert the battery, starting with the positive side being pushed against the bottom side of the battery compartment and pushing down on the negative (flat) side, which faces up towards the serial number. A small, green light on the bracelet will turn on

for 5 seconds.

b. Install the faceplate plate: Place the faceplate on the bracelet with the battery side flush with the case. The faceplate is designed to align in only one direction. Starting on the top-right side and going clockwise, press down firmly on each corner of the faceplate with your thumb. You should hear a pronounced click as you push each corner of the faceplate.

   Warning - Moisture may enter under the faceplate if these instructions are NOT followed.

When Client Arrives

Perform the following steps when the client arrives at the initial meeting.

Add the Equipment Information into SCRAMNET

1. On the client's *Equipment* page, select the **Assign Equipment** button.
2. On the *Assign Equipment* page:
   a. Enter the bracelet serial number.
   b. Select the Strap Version used on the bracelet on the dropdown menu.
   c. Select the *Communication Method* on the dropdown menu.
      » **Cellular/Wi-Fi**: The SCRAM Wireless Base Station allows data to be quickly uploaded to SCRAMNET using either cellular or Wi-Fi services.
      » **Ethernet**: The SCRAM Standard Base Station may be used to upload data to SCRAMNET if the client has Internet service via a modem or router. To install the device at the client's home, connect an Ethernet cable to the base station and then to an available network port.
      » **Land Line (Analog Phone line)**: An analog phone line can be used to transmit client data to SCRAMNET using the Standard Base Station.

   Reminder - A base station is required for House Arrest monitoring.

d. Set the communication schedule. The communication schedule establishes the cadence for the transfer of data stored in the bracelet to SCRAMNET.

e. Select the appropriate *Participant Agreement Acknowledgement* option.

f. Select the **Assign Equipment** button.

3. In the *Agreements* section, print two copies of the Participant Agreement and complete initials and signatures as required on both documents.
4. Select the **Complete Assignment** button.

Install the Bracelet on the Client

Attach the bracelet to the client.

1. Place the bracelet no more than an index finger above the right or left ankle with the SERIAL NUMBER FACING UP.
2. Feed the strap through the buckle. The bracelet should be able to slide side-to-side on the leg without losing contact with the skin and should be able to be rotated across the shin bone or the back of the leg, but with considerable effort.
3. Align the bracelet strap, ensure that the tooth alignment tab is positioned between two teeth, and then tighten the screws.

Warning - "Open Strap Detected" event will be generated if the strap is not properly aligned. Tighten the retaining screws until the two sides of the buckle are flush.

Assign the SCRAM House Arrest Bracelet:

4. Open the Direct Connect application.
5. Connect the Direct Connect device with your computer.
   a. Plug the small (mini-B type) USB connector into the Direct Connect device.
   b. Plug the large (A type) USB connector into a USB port on your computer.

      The **red** and **blue** lights on the Direct Connect device blink for approximately 5 seconds then both remain on.

      Bracelet status in the Direct Connect application: *Waiting for Bracelet*

6. Attach the Direct Connect device to the bracelet.
   a. Align the Direct Connect device with the top of the bracelet.
   b. Slide the Direct Connect device down over the bracelet.
7. Wake up the bracelet.
   a. Momentarily place the magnet on the Direct Connect device where the word “magnet” appears.

      The Communication Status on the Direct Connect application will update to “Communicating.”

      On the Direct Connect device, the **red** light turns off while the **blue** light remains on.

      At this time:

      1) The bracelet initialization process begins.
      2) The bracelet firmware is checked and updated if needed.

      When complete:

      » The **blue** light on the Direct Connect device turns off for approximately 10 seconds then both lights turn back on.

      » The Communication Status on the Direct Connect application: will update to “Communication Complete.”

        Note: After 1 minute, the status changes to: Waiting for Bracelet

   b. Refresh the client’s *Equipment* page to confirm that the status of the bracelet is now set to “Assigned to Client.”
   c. Remove the Direct Connect device from the bracelet.
8. Insert the tamper clips into the buckle slots and squeeze together until you hear a distinct click.

Assign the SCRAM Standard Base Station

9. Connect the base station with the Direct Connect application.
   a. Plug the power cord into the base station and into an power source.
   b. Plug the small (mini-B type) USB connector into the base station.

At this time:

» The base station status in the Direct Connect application updates from “Idle” to “Communicating.”

» Any remaining data is transferred from the base station to SCRAMNET.

» The base station software is checked and updated, if necessary.

When complete:

» The base station status in the Direct Connect application updates to “Communication Complete.”

c. Refresh the client’s Equipment page to confirm that the status of the base station is now set to “Assigned to Client.”

d. Unplug the power cord and USB cable from the base station.

10. Give the Base Station to the client.

Include the:

- Phone cable if analog phone line being used.
- Ethernet cable if Internet being used.
- Power cable.

Assign the SCRAM Wireless Base Station

9. Connect the base station to power.

» The base station’s screen will display: “Storage Mode - Battery Charging or Fully charge - None.”

» Once it has communicated with SCRAMNET, the screen will update to: “Current Time and Date - Monitoring - 4G or WiFi.”

a. Refresh the client’s Equipment page to confirm that the status of the base station is now set to Assigned to Client.

b. Unplug the power cord from the base station.

10. Give the Base Station and power cable to the client.

Establish a Wi-Fi Connection with the Wireless Base Station

In Office

1. Select the **Wi-Fi Setup** hyperlink on the client's *Equipment* page.
2. In the *Wi-Fi Setup* pop-up window, complete steps 1-4.
3. Select the **Send to Base Station** button.

At the Client's Home

1. Point out the informational sticker on the back of the base station and instruct the client to visit the URL "scramsystems.com/wifisetup" and follow the instructions. They will enter the device's serial number, network name and password, and their last name as it is recorded in SCRAMNET.
2. Select the captcha checkbox and the **Send to Device** button.

Complete the Six House Arrest Installation Requisites

Before letting the client leave, complete the first five (5) house arrest requisites. The last requisite, "Successful call from Base Station," is completed the first time the base station communicates to SCRAMNET over the selected communication method—for example, Ethernet or landline. To view the requisites and their status, hover over the "yellow" Information icon for House Arrest that appears on the client's Equipment page.

House Arrest Requisites:

- *Client parameters sent to base station* – Completes once the base station has been connected to Direct Connect. If the requisite is NOT set to "Yes," Direct Connect the base station a second time. For a Wireless Base Station, disconnect it from the power source for one (1) minute and then reconnect it to the power source.
- *Client parameters sent to bracelet* – This process completes once the bracelet has been connected to the Direct Connect. If the requisite is NOT set to "Yes," connect the Direct Connect device a second time.
- *Initial baseline reading taken* – Completes when bracelet initialization begins, and that information has been communicated to SCRAMNET. This usually happens during the Direct Connect communication. If the requisite

is NOT set to “Yes,” Direct Connect both the bracelet and base station a second time. For a Wireless Base Station, disconnect from the power source for one (1) minute and then reconnect to the power source.

- *Bracelet Strap Closed* – Completes when a “Strap Closed” message is communicated to SCRAMNET, usually during the first Direct Connect communication. If this requisite is NOT set to “Yes,” follow the Installation Troubleshooting steps located on page 8.
- *First-found bracelet in range* – This requisite is completed once SCRAMNET records that the bracelet and base station have established an RF communication “link” with each other. If the requisite is NOT set to “Yes”, connect the base station to the Direct Connect application and “wake up” the bracelet with the SCRAM approved magnet. For the Wireless Base Station, wake up the bracelet and watch the base station’s screen for a message of “Reading Bracelet.” Once the base station returns to Monitoring, disconnect it from the power source for one (1) minute and then reconnect it to the power source.
- *Successful call from Base Station* – This requisite completes the first time the base station communicates to SCRAMNET over the selected communication method—for example, Ethernet or landline. In most cases, this requisite is not completed until the client returns home and connects the base station to power and the base station communicates over the selected method. If it does not happen, contact the client to determine why the communication method being used at their home (analog phone line, Ethernet, Wi-Fi, cellular) is not functioning correctly.

Once all requites are completed, the yellow information icon will update to a green Active icon. Contact Customer Service if further assistance is needed.

Establish Client Leave Schedule

You may establish the client's leave schedule before or after assigning the SCRAM equipment to a client.

1. In SCRAMNET, select the client's **HA Schedule** tab.
2. In the *Client Leave Schedule* section, locate the date for the first authorized leave event.
3. On that line in the schedule:
   a. Enter the leave name.
   b. Enter the start and end time.

      The length of the leave window appears in the Duration field.
   c. If the client is required to leave the premises during the leave event, click the **Must Leave** check box.
   d. Set occurrence.
      - » One Time - Select the **One Time** radio button if the leave event is not recurring.
      - » Edit Recurrence - With the **Edit Recurrence** radio button selected, select the hyperlink and set the parameters for the recurring event.
4. Add Additional Leave Event for this day.
   a. Select the **Plus** icon ().
   b. Repeat steps 3a through 3d above.
5. Select the **Duplicate** icon () if the event will recur at the same day and time on a weekly basis.
6. Select the **Save Changes** button.

Remote Installation (Poor or No Internet Access)

If you will be installing the equipment in a remote location with limited internet access or no internet access available - like a jail - assign the equipment before meeting with the client:

1. Follow steps described above starting on page 2, but DO NOT install the faceplate on the bracelet.

2. Skip the *Install the Bracelet on the Client* section, and proceed to the equipment assignment sections.

Important - You may have to close the straps on the bracelet in order to assign the bracelet.

3. Once the bracelet's status is "Assigned to Client," immediately remove the battery from the bracelet.
4. During your meeting with the client, install the battery and faceplate on the bracelet and then secure the bracelet on the client's leg.
5. Once installed, use the magnet provided by SCRAM Systems to activate the bracelet. This will start the bracelet initialization.

Installation Troubleshooting

Follow these steps if:

- The bracelet re-initialization did not complete once installed
- The House Arrest requisites were not met

1. Complete the Bracelet Maintenance process.
   a. Access the client's *Equipment* page.
   b. Select the **Maintenance** hyperlink.
   c. Select the **Fit Adjusted** check box.
   d. Select the **Complete Bracelet Maintenance** button.
2. Open the Direct Connect application.
3. Connect the Direct Connect device with your computer.
   a. Plug the small (mini-B type) USB connector into the Direct Connect device.
   b. Plug the large (A type) USB connector into a USB port on your computer.

      The **red** and **blue** lights on the Direct Connect device blink for approximately 5 seconds then remain on.

      Bracelet status in the Direct Connect application: *Waiting for Bracelet*.
4. Attach the Direct Connect device.
   a. Align the Direct Connect device with the top of the

bracelet.

b. Slide the Direct Connect device down over the bracelet.

5. Wake up the bracelet.

   a. Momentarily place the magnet on the Direct Connect device where the word “magnet” appears.

      At this time:

      » The Communication Status on the Direct Connect application will update to “*Communicating*.”

      » On the Direct Connect device, the **red** light turns off while the **blue** light remains on.

      » The bracelet initialization process begins.

      » All data stored on the bracelet is transferred from the bracelet to SCRAMNET.

      » The bracelet software is checked and updated, if necessary.

      When complete:

      » The **blue** light on the Direct Connect device turns off for approximately 10 seconds then both lights turn back on.

      » The Communication Status on the Direct Connect application: will update to “*Communication Complete*.”

   b. Remove the Direct Connect device.

6. Verify that re-initialization has started.

   a. In SCRAMNET, select the client’s **Reports** tab.

   b. Select the **Communication** sub-tab.

   c. Select the **Date/Time** hyperlink for the latest communication and verify that a “*Initial Baseline Reading Taken*” message appears.

   d. If the message does NOT appear, contact SCRAM Systems Customer Service.

Perform Range Test

1. Preliminary Steps.

   Important Note: Prior to performing the range test, the following MUST be accomplished:

   - The equipment must be assigned to the client.
   - AC power must be applied to the base station.

   Once the equipment has been assigned to the client, the following must be completed in SCRAMNET prior to performing the range test in the client's home.

   a. Set the RF Range in the *Monitoring* sub-tab on the client's *General* page. Determine the proper range using the table below.

	Open Field Range	Rule of Thumb for House Size
Minimum	35 Feet (11 Meters)	Small one-bedroom apartment on one floor
Average	75 Feet (23 Meters)	Two-bedroom townhouse on two floors
Maximum	150 Feet (46 Meters)	3,000 sq. foot (914.4 sq. meters) house ranch or two floors plus basement

   Open Field Range – The range measured outdoors in an unobstructed level field, i.e., no buildings, cars, trees, or people. This is the optimum RF environment.

   Rule of Thumb – The house sizes listed above are just a rule of thumb. Radio Frequency (RF) behaves very differently from house to house. To know what the range setting should be for a specific home, a range check is required.

   b. Select the **Initiate Range Test** link on the client's *Equipment* page.

      A **Range Test has been initiated – Pending Base Station update** message appears.

2. Plug in the base station at the client's home.

   Place the base station in a central location in the home; at least three (3) feet (91 cm) off the ground. A wood surface or a counter top is ideal. Plug in AC power and either the phone or Ethernet cable (SCRAM Standard Base Station only).

   Note: Avoid placing the base station near mirrors, windows, glass surfaces, or large metal objects such as kitchen appliances.

When the base station is plugged in, the following occurs:

- The base station communicates with SCRAMNET.
- Once connected and communicating, the connection is recorded in SCRAMNET. SCRAMNET will then verify the communication method detected matches the selection made during the assignment process. If the method does NOT match, a “Base Station Called From Wrong Number” message will appear in the client’s event log and the range test cannot be performed.
  - » Base station display:
    - ◊ Line 1 –*PRESS BUTTON TO*
    - ◊ Line 2 – *BEGIN RANGE CHECK*

    Note: The base station display will return to *DATE/TIME MONITORING* if the base station button is not pressed within 10 minutes. If the base station was plugged in prior to selecting the **Initiate Range Test** button, unplug then re-plug in the base station so it receives the range test command from SCRAMNET.

3. Perform the range test.

   To perform the range test:

   a. Press the button on the base station.

      At this time:

      The base station will display:

      » Line 1 – *RANGE CHECK*

      » Line 2 – *PLEASE WAIT*

      The **red** ring around the button blinks.

      The base station and bracelet establish communication.

      Note: Establishing communication may take up to five minutes.

      After approximately one minute:

      The base station will display:

      » Line 1 – *RANGE CHECK*

      » Line 2 – *IN PROGRESS*

      The 3-minute range test begins and the base station beeps and the **red** ring around the button blinks once a second.

b. While the agent/installer monitors the base station, have the client:

- Walk to the corners of all rooms, orienting their leg so the bracelet is pointing away from the base station.
- Walks near the refrigerator, furnace, and hot water tank.
- If applicable, walks throughout each floor.
- If a shower is inside a bath tub, steps inside it.

If a single beep and the blinking **red** ring stop during the range test, perform one of the following then re-run the range test:

- Increase the RF Range setting in SCRAMNET.
- Change where the base station is located in the home.
- Designate those locations in the home as "dead" areas and instruct the client NOT to go there while wearing the bracelet.

After three minutes:

The base station will display:

» Line 1 – *DATE/TIME*

» Line 2 – *MONITORING*

The **red** ring around the button stops blinking and the base station stops beeping.

4. Make a note of any "dead" areas in the client's *Notes* tab.

Client Management

Alert Management

1. On the *Caseload* page, look for any clients who have a red 'x' in the HA column.
2. Select the "Plus" icon to expand the node and display the alert(s).
3. Select the alert hyperlink to view alert details.
4. After addressing the alert with the client, select the **Comments** button and add a comment, if necessary, then select the **Resolve** button.

Lock Down Client

1. On the *HA Schedule* page, select the **Lockdown** sub-tab.
2. Select the **Activate Lockdown** button.

The client is now on lock down and the client's schedule is inactive.

3. To end the lockdown, select the **Inactivate Lockdown** button.

Perform Manual Data Upload With Direct Connect

To manually upload data from the client's bracelet:

1. Open the Direct Connect application.
2. Connect the Direct Connect device with the Direct Connect application.
   a. Plug the small (mini-B type) USB connector into the Direct Connect device.
   b. Plug the large (A type) USB connector into a USB port on your computer.

      The **red** and **blue** lights on the Direct Connect device blink for approximately 5 seconds then remain on.

      Bracelet status in the Direct Connect application: *Waiting for Bracelet*

3. Attach the Direct Connect device to the bracelet.
   a. Align the Direct Connect device with the top of the bracelet.
   b. Slide the Direct Connect device down over the bracelet.
4. Wake up the bracelet.
   a. Momentarily place the magnet on the Direct Connect device where the word Magnet appears.

      At this time:

      » The Communication Status on the Direct Connect application will update to "*Communicating*."
      » On the Direct Connect device, the **red** light turns off while the **blue** light remains on.
      » All data stored on the bracelet is transferred from the bracelet to SCRAMNET.
      » The bracelet software is checked and updated, if necessary.

      When complete:

      » The **blue** light on the Direct Connect device turns off for approximately 10 seconds then both lights turn back on.
      » The Communication Status on the Direct Connect application: will update to "*Communication Complete*."
   b. Remove the Direct Connect device.
5. Access the client's *Reports/Communication* page to verify that all data was retrieved from the bracelet.

Perform Observed IR Readings

1. Complete a visual inspection of the client's leg and bracelet to ensure there are no obstructions between the bracelet and the leg.
2. Wake up the bracelet using a SCRAM approved magnet.
   a. Momentarily place the magnet on the top right side of the bracelet until a small green light turns on. After 5 seconds the green light will turn off.

3. Repeat Step 2a.
    - Repeat step 2a every 60 seconds until the desired number of readings are taken. SCRAM Systems recommends at least five readings.
4. Open the Direct Connect application and perform a manual data upload with Direct Connect as described on page 15 of this guide.
5. Notify SCRAM Systems Customer Services that observed IR readings have been taken.

Equipment Maintenance

Replace Battery in SCRAM House Arrest Bracelet

1. Complete the Bracelet Maintenance process.
    a. Access the client's *Equipment* page.
    b. Select the **Maintenance** link.
    c. Select the *Battery, Faceplate, and Exhaust Cap Replaced* check box.
    d. Select the **Complete Bracelet Maintenance** button.

    The bracelet re-initialization, which must be performed each time the bracelet is removed, will begin the next time that the bracelet communicates with SCRAMNET using Direct Connect.
2. Remove the bracelet.
    a. On the buckle, place the shear cutter tips into the two holes where the tamper clips meet.
    b. Press down firmly.
    c. Squeeze the shear-cutter handles until the plastic center breaks and the two pieces separate from the buckle cover.
    d. Using the T-10 screwdriver, loosen the two retaining screws.
    e. Pull the strap back through the buckle, removing the bracelet from the client's ankle.

3. Remove the faceplate and battery.
   a. Insert the Faceplate Removal Tool into the slots on the right side of the bracelet.
   b. Press the tool in until the faceplate disengages.
   c. Remove the faceplate and discard the faceplate as it is a “single-use-only” component.
   d. Place your finger tip on the edge of the negative (flat) side of the battery.
   e. Pull up on the battery, removing it from the bracelet.
4. Install a new battery and faceplate.
   a. Installing the new battery: Look closely for the outline of a battery in the battery compartment and insert the battery, starting with the positive side being pushed against the bottom side of the battery compartment and pushing down on the negative (flat) side, which faces up towards the serial number.

      A small, **green** light on the bracelet will turn on for 5 seconds.
   b. Installing the new faceplate plate: Place the faceplate on the bracelet with the battery side flush with the case. The faceplate is designed to align in only one direction. Starting on the top-right side and going clockwise, press down firmly on each corner of the faceplate with your thumb. You should hear a pronounced click as you push each corner of the faceplate.

      Warning - Moisture may enter under the faceplate if these instructions are NOT followed.
5. Attach the bracelet to the client’s ankle.
   a. Place the bracelet no more than an index finger above the right or left ankle with the SERIAL NUMBER FACING UP.
   b. Feed the strap through the buckle. The bracelet should be able to slide side-to-side on the leg without losing contact with the skin and should be able to be rotated across the shin bone or the back of the leg, but with considerable effort.

c. Align the bracelet strap, ensure that the tooth alignment tab is positioned between two teeth, and then tighten the screws.

6. Open the Direct Connect application and attach the Direct Connect device to the bracelet and perform a manual data upload with direct connect as described on page 15 of this guide.
7. Verify that re-initialization has started.
   a. In SCRAMNET, access the client's **Reports** page.
   b. Select the **Communication** sub-tab.
   c. Select the **Date/Time** hyperlink for the latest communication and verify that a "Initial Baseline Reading Taken" message appears.
   d. If the message does NOT appear, contact Customer Service.
8. Insert new tamper clips into the buckle slots and squeeze together until you hear a distinct click.

Replace SCRAM House Arrest Bracelet

Before Meeting Client

Perform the following steps shortly before meeting with the client.

1. Access the client's *Equipment* page and select the **Replace Bracelet** hyperlink.
2. Enter the new bracelet information.
3. Select whether to check in previous bracelet as damaged.
   - When selecting the **Yes** option, contact Customer Service and request an RMA for the damaged device.
4. Select the *Participant Agreement Acknowledgement* option used for this client.
5. Select the **Replace Equipment** button.
6. In the *Agreements* section, print two copies of the *AMS HA Participant Agreement Amendment* and complete initials and signatures as required on both documents.
7. Select the **Complete Assignment** button.

   The status of the new bracelet is set to *Pending Assignment* and the status of the old bracelet is set to *Pending Removal*.

8. Install the bracelet components in the new bracelet.

   a. Installing the new battery: Look closely for the outline of a battery at the bottom of the battery slot and insert the battery, starting with the positive side being pushed against the bottom side of the battery slot and pushing down on the negative (flat) side, which faces up towards the serial number.

      A small, **green** light on the bracelet will turn on for 5 seconds.

   b. Installing the new faceplate plate: Place the faceplate on the bracelet with the battery side flush with the case. The faceplate is designed to align in only one direction. Starting on the top-right side and going clockwise, press down firmly on each corner of the faceplate with your thumb.

      You should hear a pronounced click as you push each corner of the faceplate.

      Warning - Moisture may enter under the faceplate if these instructions are NOT followed.

When Client Arrives

1. Open the Direct Connect application and perform a manual data upload using the Direct Connect as described on page 9 of this guide on the old bracelet with a status of *Pending Removal*.

   • Once complete, the status for the old bracelet displayed on the Direct Connect application should be In Inventory.

2. Remove the old bracelet.

   a. On the buckle, place the shear cutter tips into the two holes where the tamper clips meet.

   b. Press down firmly and squeeze the shear cutter handles until the plastic center breaks and the two pieces separate from the buckle cover. Remove tamper clips and discard.

   c. Using the T-10 screwdriver, loosen the two retaining screws.

   d. Pull the strap back through the buckle, removing the bracelet from the client's ankle.

3. Attach the new bracelet to the client's ankle.
    a. Place the bracelet no more than an index finger above the right or left ankle with the SERIAL NUMBER FACING UP.
    b. Feed the strap through the buckle. The bracelet should be able to slide side-to-side on the leg without losing contact with the skin and should be able to be rotated across the shin bone or the back of the leg, but with considerable effort.
    c. Align the bracelet strap, ensure that the tooth alignment tab is positioned between two teeth, and then tighten the screws.
4. Open the Direct Connect application and attach the Direct Connect device to the new bracelet and perform a manual data upload with direct connect as described on page 15 of this guide.
    - Once complete, the status for the new bracelet displayed on the Direct Connect application should be *Assigned to Client*.
5. Insert new tamper clips into the buckle slots and squeeze together until you hear a distinct click.
6. Refresh the client's *Equipment* page to confirm that the status of the new bracelet is *Assigned to Client*.
7. Have the client sign both copies of the AMS Default House Arrest Participant Agreement Amendment.

Perform SCRAM House Arrest Bracelet Hard Reset

You may receive a request from Customer Service to preform a "hard reset" on the client's bracelet in order to troubleshoot missing data or communication issues.

Start in SCRAMNET

1. Access the client's **Equipment** page.
2. Select the **Maintenance** link.
3. Select the **Fit Adjustment** check box.

4. Select the **Complete Bracelet Maintenance** button. The re-initialization will begin when the hard reset process is complete.
5. Open the Direct Connect application.
6. Remove the bracelet from the client's ankle.
    a. On the buckle, place the shear cutter tips into the two holes where the tamper clips meet.
    b. Press down firmly and squeeze the shear cutter handles until the plastic center breaks and the two pieces separate from the buckle cover. Remove tamper clips and discard.
    c. Using the T-10 screwdriver, loosen the two retaining screws.
    d. Pull the strap back through the buckle, removing the bracelet from the client's ankle.
7. Remove and discard the faceplate and battery from the device.
    a. Insert the Faceplate Removal Tool into the slots on the right side of the bracelet.
    b. Press the tool in until the faceplate disengages.
    c. Remove the faceplate and discard the faceplate as it is a "single-use-only" component.
    d. Place your finger tip on the edge of the negative (flat) side of the battery.
    e. Pull up on the battery, removing it from the bracelet.

Perform the Hard Reset

8. Attach the Direct Connect device to the bracelet and connect the USB cable between the device and your computer.
9. Place and hold the SCRAM approved magnet on the Direct Connect device where the word "magnet" appears.
10. After 30 seconds, with the magnet still held on the device, install a new battery.
    » Installing the new battery: Look closely for the outline of a battery at the bottom of the battery slot and insert the battery, starting with the positive side

being pushed against the bottom side of the battery compartment and pushing down on the negative (flat) side, which faces up towards the serial number.

A small, **green** light on the bracelet will turn on for 5 seconds.

11. Immediately remove the magnet.

    On the Direct Connect device, the **red** light turns off while the **blue** light remains on.

12. When both lights on the Direct Connect device turn back on and the status on the Direct Connect application displays *Communication Complete*, remove the device from the bracelet.

Final Steps

13. Install the new faceplate plate.

    - Place the faceplate on the bracelet with the battery side flush with the case. The faceplate is designed to align in only one direction. Starting on the top-right side and going clockwise, press down firmly on each corner of the faceplate with your thumb. You should hear a pronounced click as you push each corner of the faceplate.

      Warning - Moisture may enter under the faceplate if these instructions are NOT followed.

14. Attach the bracelet to the client's ankle.

    a. Place the bracelet no more than an index finger above the right or left ankle with the SERIAL NUMBER FACING UP.

    b. Feed the strap through the buckle. The bracelet should be able to slide side-to-side on the leg without losing contact with the skin and should be able to be rotated across the shin bone or the back of the leg, but with considerable effort.

    c. Align the bracelet strap, ensure that the tooth alignment tab is positioned between two teeth, and then tighten the screws.

d. Wake up the bracelet using a SCRAM approved magnet.

» Momentarily place the magnet on the top right side of the bracelet until a small green light turns on. After 5 seconds the green light will turn off.

15. Verify that re-initialization has started.
    a. In SCRAMNET, access the client's **Reports** page.
    b. Select the **Communication** sub-tab.
    c. Select the **Date/Time** hyperlink for the latest communication and verify that a "Initial Baseline Reading Taken" message appears.
    d. If the message does NOT appear, contact Customer Service.
16. Insert the tamper clips into the buckle slots and squeeze together until you hear a distinct click.

Re-Initialize SCRAM House Arrest Bracelet

Anytime the bracelet is temporarily removed from the client's ankle, in most cases for medical reasons or incarceration, a new initialization must be completed when re-installing it.

1. Complete the Bracelet Maintenance process.
    a. Access the client's **Equipment** page.
    b. Select the **Maintenance** link.
    c. Select the **Fit Adjusted** check box.
    d. Add a note. Enter the date and time, and why the device was removed. This will aid your Data Analyst when analyzing the potential tamper and removal alert generated by the temporary removal.
    e. Select the **Complete Bracelet Maintenance** button.
2. Attach the bracelet to the client's ankle.
    a. Place the bracelet no more than an index finger above the right or left ankle with the SERIAL NUMBER FACING UP.
    b. Feed the strap through the buckle. The bracelet should be able to slide side-to-side on the leg without losing contact with the skin and should be able to be rotated across the shin bone or the back of the leg, but with

considerable effort.

c. Align the bracelet strap, ensure that the tooth alignment tab is positioned between two teeth, and then tighten the screws.

3. Open the Direct Connect application and attach the Direct Connect device to the bracelet and perform a manual data upload with direct connect as described on page 15 of this guide.
4. Verify that re-initialization has started.
   a. In SCRAMNET, access the client's Reports page.
   b. Select the Communication sub-tab.
   c. Select the Date/Time hyperlink for the latest communication and verify that a "Initial Baseline Reading Taken" message appears.
   d. If the message does NOT appear, contact Customer Service.
5. Insert the tamper clips into the buckle slots and squeeze together until you hear a distinct click.

Replace Base Station

Before Meeting Client

Fully charge the base station backup battery.

When Client Arrives

1. Access the client's Equipment page and select the **Replace Base Station** hyperlink.
2. Select a *Communication Method* from the dropdown menu and enter the new base station serial number.
3. Select whether to check in previous base station as damaged.
   - When selecting the **Yes** option, contact Customer Service and request an RMA for the damaged device.
4. Select the Participant Agreement Acknowledgement option used for this client.
5. Select the **Replace Equipment** button.

6. In the Agreements section, print two copies of the AMS Default House Arrest Participant Agreement Amendment and complete initials and signatures as required on both documents.
7. Select the **Complete Assignment** button.

SCRAM Standard Base Station

Check-In the Old Base Station

8. Open the Direct Connect application and connect the base station.
   a. Plug the power cord into the old base station and into an electrical outlet.
      » The Base station will display:
         ◊ Line 1 – DATE/TIME
         ◊ Line 2 – CHECK PHONE LINE
   b. Plug the small (mini-B type) USB connector into the base station.

      At this time:

      » Base station status in the Direct Connect application: Idle -> Communicating
      » The base station will display:
         ◊ Line 1 – DIRECT CONNECT
         ◊ Line 2 – ONLINE
      » Any remaining data is transferred from the base station to SCRAMNET.
      » The base station software is checked and updated, if necessary.

      When complete:

      » Base station status in the Direct Connect application: Communication Complete
      » The base station will display:
         ◊ Line 1 – STORAGE MODE
   c. Unplug the power cord and USB cable from the base station.

Assign the New Base Station

9. Connect the new base station to the Direct Connect application.
   a. Plug the power cord into the new base station and into an electrical outlet.
      » The base station will display:
         ◊ Line 1 – TIME/DATE
         ◊ Line 2 – CHECK PHONE LINE
   b. Plug the small (mini-B type) USB port into the base station.

   At this time:

      » Base station status in the Direct Connect application: Idle -> Communicating
      » The base station will display:
         ◊ Line 1 – DIRECT CONNECT
         ◊ Line 2 – ONLINE

      The new base station assignment process begins.

      1) Any remaining data is transferred from the base station to SCRAMNET.
      2) The base station software is checked and updated, if necessary.
      3) Client parameters are loaded on the base station.

      When complete:

      » Base Station status in the Direct Connect application: Communication Complete
      » The base station will display:
         ◊ Line 1 – DATE/TIME
         ◊ Line 2 – MONITORING

   c. Unplug the power cord and USB cable from the base station.
10. Refresh the client's *Equipment* page to confirm that the status of the new base station is A*ssigned to Client*.

11. Give the base station to the client.

    Include the:

    - Phone cable if analog phone line being used.
    - Ethernet cable if Internet being used.
    - Power cable.

SCRAM Wireless Base Station

Check-In the Old Base Station

5. Once the status of the old base station is updated to a Pending Removal within SCRAMNET, the check-in process will automatically completed over the cellular or Wi-Fi network as long as the device has power.

Assign the New Base Station

6. Connect the base station to power.
    a. The base station's screen will display: "Storage Mode - Battery Charging or Fully charge - None."
    b. Once it has communicated with SCRAMNET, the screen will update to: "Current Time and Date - Monitoring - 4G or WiFi."
    c. Unplug the power cord from the base station.
7. Refresh the client's *Equipment* page to confirm that the status of the base station is now set to *Assigned to Client*.
8. Give the base station and the power cable to the client.

Replace Base Station Backup Battery

1. Using the T-10 screwdriver, remove the battery cover.
2. Carefully disconnect the backup battery plug and the discard the backup battery.
3. Connect the plug on the new backup battery.
4. Reattach the battery cover.

Note: If the base station is assigned, a *Base Station Housing Tamper* alert is generated when the battery cover is removed. The alert is auto-resolved when the cover is reattached.

Client Discharge

Check In SCRAM Equipment

When Client Arrives

When a client is being discharged from the House Arrest monitoring program:

1. Navigate to the client's *Equipment* page and select the **Stop Monitoring** button.
2. Select when to stop monitoring the client.
   - *Stop monitoring now and check in equipment now.*
   - *Stop monitoring now and check in equipment later.*
   - *Schedule stop monitoring at a later date.* * Additional information is required when this option is selected.
3. Select whether to automatically inactivate the SCRAMNET client profile upon return of all equipment.
4. Select whether to check in previous equipment as damaged.
   - When selecting the **Yes** option, contact Customer Service and request an RMA for the damaged device.
5. Select the **Complete Stop Monitoring** button.

The status of the SCRAM equipment is set to *Pending Removal* or *Awaiting Return* based on the selection made.

Check-In the SCRAM House Arrest Bracelet

6. Open the Direct Connect application and perform a manual data upload using the Direct Connect as described on page 15 of this guide on the bracelet.
   - Once complete, the status for the bracelet displayed on the direct connect application should be *In Inventory*.
7. Remove the bracelet.
   a. On the buckle, place the shear cutter tips into the two holes where the tamper clips meet.
   b. Press down firmly and squeeze the shear cutter handles until the plastic center breaks and the two pieces separate from the buckle cover. Remove tamper clips and discard.

c. Using the T-10 screwdriver, loosen the two retaining screws.

d. Pull the strap back through the buckle, removing the bracelet from the client's ankle.

Check-In the Standard Base Station

8. Open the Direct Connect application and connect the base station.

   a. Plug the power cord into the old base station and into an electrical outlet.

      » The base station will display:

         ◊ Line 1 – DATE/TIME

         ◊ Line 2 – CHECK PHONE LINE

   b. Plug the small (mini-B type) USB connector into the base station.

      At this time:

      » Base station status in the Direct Connect application: Idle -> Communicating

      » The base station will display:

         ◊ Line 1 – DIRECT CONNECT

         ◊ Line 2 – ONLINE

      » Any remaining data is transferred from the base station to SCRAMNET.

      » The base station software is checked and updated, if necessary.

      When complete:

      » Base station status in the Direct Connect application: Communication Complete

      » The base station will display:

         ◊ Line 1 – STORAGE MODE

   c. Unplug the power cord and USB cable from the base station.

9. Collect the base station from the client.

   Include the:

   • Phone cable if analog phone line being used.

- Ethernet cable if Internet being used.
- Power cable.

10. Refresh the *Equipment* page and verify the equipment is no longer associated to the client.

Check-In the Wireless Base Station

8. Once the status of the base station is updated to a *Pending Removal* within SCRAMNET, the check-in process will automatically completed over the cellular or Wi-Fi network as long as the device has power.

- When the base station status is "*Awaiting Return*," you must select the **Move to Inventory** hyperlink in the *Options* column to return the Wireless Base Station to an *In Inventory* status.

9. Collect the base station and the power cable from the client.
10. Refresh the *Equipment* page and verify the equipment is no longer associated to the client.

Disinfect and Clean SCRAM Equipment

To prevent damage to SCRAM equipment, only use **3% Hydrogen Peroxide (H_2O_2) 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_2O_2) slowly oxidizes into water (H_2O) 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_2O_2) 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_2O_2 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_2O_2. 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

To disinfect SCRAM House Arrest bracelets:

1. Spray the surfaces with 3% Hydrogen Peroxide (H_2O_2) solution.
2. Allow the bracelet to remain wet for 10-15 minutes.
3. Re-spray the device with 3% H_2O_2 solution to break up any film left behind by the initial application.
4. Lightly scrub the bracelet housing and straps with a nylon scrub brush to remove any built-up debris. Concentrate on the seams around the battery faceplate on the SCRAM House Arrest (HA) bracelet.
5. Rinse off the bracelet with a damp washcloth.*
6. Wipe surfaces dry with a paper towel or cloth.

***WARNING: Do not rinse SCRAM HA devices under running water.**

7. Remove and dispose of the faceplate and battery. If the faceplate will not disengage easily, repeat the process from steps 3 and 4.
8. Use a T-10 screwdriver to remove the straps from the bracelet housing. Always start with the middle screw and then remove the outer screws.
9. Spray 3% H_2O_2 solution on a small nylon brush and clean the battery contacts and pogo pins.
10. Dry the battery contacts and pogo pins with a microfiber cloth.
11. Use a small bristle-brush (like a disposable mascara brush) to clean inside the small crevices of the strap connectors and buckle.

12. Use a precision-tip cotton swab to clean and dry any small metal components (screw grommets, buckle contacts, and pogo pins).
13. Ensure all bracelet surfaces and components are dry prior to reassembly; this will help prevent moisture corrosion.
14. Use a T-10 torque screwdriver set at 3.5 lb/in (4.0 kg/cm or 0.4 Nm) of force to reinstall the bracelet straps. Start with the middle screw and then install the outer screws – **do not over-tighten**.

To Disinfect SCRAM Base Stations and Cables:

1. Spray the surfaces with 3% H_2O_2 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 biohazardous or medical waste disposal guidelines in your area for specific disposal instructions.

DO NOT Return Biohazardous Devices to SCRAM Systems.

Contact SCRAM Systems Customer Services* with the serial number of the device being removed from your inventory.

*Customer Service contact information is available on page 39 of this guide.

Alert/Event Definitions

Alerts/Events	Description
Base Station Battery Depleted	Generated just prior to the base station battery being completely drained.
Base Station Called from Wrong Number	Generated when the base station is using a communication method that does NOT match the communication method entered in SCRAMNET.
Base Station Housing Tamper	Generated when the base station detects that the battery cover is not properly attached.

Alerts/Events	Description
Base Station Housing Tamper Restored	Generated when the base station detects that the cover has been correctly installed.
Base Station Self-Test Failure – Replace	Generated when AC power is applied to the base station and any component in the base station fails the self test. The event will re-appear every 24 hours until the base station passes all facets of the self test.
Bracelet Self-Test Failure – Replace	Generated when a battery is installed in the bracelet and any part of the self test fails. The alert will be re-generated every 24 hours until the bracelet passes all facets of the self test.
Bracelet Strap Closed	Generated when the base station receives the date and time that the cut strap was replaced.
Bracelet Strap Open	Generated when the base station receives the date and time that the bracelet was cut.
Bracelet Strap Remains Open	Generated 24 hours after the Bracelet Strap Open alert is generated. Will be re-generated every 24 hours until the bracelet straps are replaced.
Detected RF Hacking	Generated when a client attempts to mimic or “hack” the RF signal being sent from the bracelet to the base station.
Extended Pending Assignment – Base Station	Generated when the base station is NOT put into the *Assigned to Client* status within 24 hours of being put into the *Pending Assignment* status.
Extended Pending Assignment – Bracelet	Generated when the bracelet is NOT put into the *Assigned to Client* status within 24 hours of being put into the *Pending Assignment* status.
Failed to Leave	Generated when the client does NOT leave the home by the start time of a “Must Leave” leave window.
Failed to Return	Generated when the client does NOT return to the home by the end time of “May Leave” or “Must Leave” leave window.
Installation Complete	Generated when all of the installation tasks have been completed.
Installation Incomplete	Generated when any of the installation tasks have NOT been completed. The event will be re-generated every 24 hours until the installation is successfully completed.
Late Leave	Generated when the client leaves the home after the start time of a “Must Leave” leave window.
Late Leave with RF Interference	Generated when the base station detects that the client has moved outside the authorized range after the start of a “Must Leave” leave window, but RF interference may be contributing to that detection.
Late Return	Generated when the client returns to the home after the end of a “May Leave” or “Must Leave” leave window provided that the client did NOT leave outside of any authorized leave window. In that case, this alert would be superseded by the Return from Unauthorized Leave alert.

Alerts/Events	Description
Low Base Station Battery	Generated when the base station's battery falls below the operational threshold.
Low Bracelet Battery	Generated approximately 3 days prior to the expected failure of the bracelet battery.
Open Strap Detected	Generated immediately after the base station detects that the bracelet strap has been cut.
Power Loss	Generated when the base station loses AC power and is operating on the backup battery.
Power Restore	Generated when AC power is re-applied to the base station.
Return from Unauthorized Leave	Generated when the client returns to the home from an unauthorized leave, unless that client returns during an authorized leave window.
Telephone Restore	Generated when phone service is interrupted then re-established.
Unauthorized Leave	Generated when a client moves outside the range of the base station at a time when that client is not allowed to do so.
Unauthorized Return	Generated when the client returns to the home before the end time of a "Must Leave" leave window.

Troubleshooting

Issue	Recommended Action
Bracelet will not power up/no green light	Complete a battery faceplate replacement as described on page 17 of this guide. If the bracelet still will not power on, contact Customer Service.
Bracelet or base station are not communicating with each other	Start by verifying the serial numbers on the client's devices match the serial number assigned to the client in SCRAMNET. If they do not match, take the appropriate actions by updating SCRAMNET and assign the equipment. Next, wake bracelet with a SCRAM approved magnet and observe if the green light on the bracelet turns on and the pump runs, which indicates whether there is a battery issue, as well as if the base station's screen updates to "Reading Bracelet." If both the bracelet and base station seem to be in good working order, complete a Hard Reset on the bracelet as described on page 21 and temporarily remove the base station back up battery and then reinstall it. Wake the bracelet with a magnet again and watch the base station screen. If the issue is not resolved, contact Customer Service.

Issue	Recommended Action
Bracelet submerged in water	Question client regarding bathing, swimming, sauna, steam room, walking in puddles, or using water in work environment. Visually inspect the bracelet for water or condensation in the clear window on top of bracelet. Additionally, inspect the inside of the bracelet for signs of water in the battery compartment, rust or corrosion on the battery or battery contacts. Replace the bracelet if any signs of water damage are seen or if there is a confession from the client. Then contact Customer Service and request an RMA for the device and any further actions.
Bracelet battery draining quickly/ Low Battery alerts	Question the client to determine if the client has been excessively waking up the bracelet with a magnet. Visually inspect the bracelet for water exposure. Complete a battery faceplate replacement as described on page 17 of this guide. Contact Customer Service if a Low Battery alert is generated again before the scheduled maintenance.
Build up on inside of bracelet	Ensure that the client understands proper procedures for cleaning under the bracelet. Determine if the issue is intentional or a hygiene issue. Remove the bracelet and straps. Clean the pogo pins with a toothbrush and lint free cloth. Reinstall straps and complete a battery faceplate replacement as described on page 17 of this guide.
Base station beeping	Instruct the client to read the base station display. Determine if the “RF Out-of-Range Alarm” is enabled for the client. Determine if the client has unplugged the base station or has had a power outage. Determine if the power cord is plugged into the wall and the base station. Determine if Ethernet and the Internet are operating and plugged in. Verify that the power outlet is functional. Instruct the client to unplug the base station for 30 seconds then plug it back in to initiate a communication between the base station and SCRAMNET.

Product Specifications

Bracelet

Dimensions:	5.9 cubic inches (appx. 2.8” tall x 2.8” wide x 0.75” deep) 15 cubic cm (appx. 7.1 cm tall x 7.1 cm wide x 1.9 cm deep)
Weight:	5.1 oz. (145 gram)
RF Frequency:	916.5 MHz
Solid Object and Water Resistance Rating:	IEC 60529: IP67 - Dust tight and water immersion protected up to one meter.
Operating Conditions:	Intended for indoor/outdoor use. May be used in wet locations but not submerged.
Relative Humidity:	95% non-condensing humidity.
Max Operating Altitude:	10,000 feet (3,048 meters)
Pollution Degree (UL 61010-1):	POLLUTION DEGREE 2: only non-conductive pollution occurs except that occasionally a temporary conductivity caused by condensation is expected.
Strap Material:	Hypoallergenic, industrial grade thermo-plastics, embedded steel cable.
Monitoring Options:	Standalone Radio Frequency (RF) House Arrest
Memory (storage):	Onboard, up to 160 days of readings.
Battery Life:	1 year field replaceable battery.
Tamper Detection:	Strap, temperature, obstruction, body mass, faceplate removal.
Alert Notification:	User configurable email or text.

SCRAM Standard Base Station

Dimensions (approximate):	3” (7.6 cm) tall x 6” (15.2 cm) wide x 6” (15.2 cm) deep
Weight:	15.0 oz. (425 grams)
Range (radius):	35 - 150 feet (11 - 46 meters)
Backup Battery Duration:	48 hours
Memory (onboard storage):	Up to 30 days of readings
Tamper Detection:	Unplugged, housing breach, power failure, potential movement, unplugged phone line
Monitoring System Communication:	Landline or Ethernet
Bracelet Communication:	Industrial, Scientific, & Medical (ISM) Radio Frequency (RF)
Client Communication:	LCD screen on device
Firmware Updates:	Direct Connect via mini-USB
Antennas:	Two multidirectional ISM band antennas (SRR)

SCRAM Wireless Base Stations

Dimensions (approximate):	3” (7.6 cm) tall x 6” (15.2 cm) wide x 6” (15.2 cm) deep
Weight:	16.5 oz. (469 grams)
Range (radius):	35 - 150 feet (11 - 46 meters)
Backup Battery Duration:	48 hours
Memory (onboard storage):	Up to 30 days of readings
Tamper Detection:	Unplugged, housing breach, power failure, potential movement
Monitoring System Communication:	Wireless cellular (4G LTE) network or Wi-Fi
Bracelet Communication:	Industrial, Scientific, & Medical (ISM) Radio Frequency (RF)
Client Communication:	LCD screen on device
Firmware Updates:	Transmitted over wireless cellular network or Wi-Fi
Antennas:	Two multidirectional ISM band antennas (SRR), Wi-Fi antenna, Multi-band cellular antenna

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

support@scramsystems.com

Alcohol Monitoring Systems, Inc. dba SCRAM Systems
8100 Southpark Way
Suite A-8
Littleton, CO 80120

Regulatory Information

Regulatory Information - English

United States

Bracelet

Model – SM02

FCC ID P8M-SM02

Certified to ANSI/UL STD 60950-1

Intertek
5000746

Base Station

Model – SM03

Input 10V ⎓ 650mA

FCC ID P8M-SM03

FCC Part 68 AMSMM00BSM03

Wireless Base Station

Model BS-400

Input 5V ⎓ 3A

FCC ID P8M-BS400

Wireless Base Station (GSM)

Model BS500

Input 5V ⎓ 3A

FCC ID P8M-BS500

Wireless Base Station (LTE)

Model BS510

Input 5V ⎓ 3A

FCC ID P8M-BS500

These devices comply with part 15 of the FCC Rules and/or part 68 of the FCC Rules. Operation of these devices is subject to the following two conditions:

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

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

Canada

Bracelet

Model AMS–SM02

Innovation, Science and Economic Development Canada:8549A-SM02

Certified to CAN/CSA STD C22.2 No. 60950-1

Base Station

Model AMS–SM03

Input 10V ⎓ 650mA

Innovation, Science and Economic Development Canada:8549A-SM03

Wireless Base Station

Model BS400

Input 5V ⎓ 3A

Innovation, Science and Economic Development Canada:8549A-BS400

Wireless Base Station (GSM)

Model BS500

Input 5V ⎓ 3A

Wireless Base Station (LTE)

Model BS510

Input 5V ⎓ 3A

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

Bracelet: SCRAMX-850

Base Station: SCRAMX-800

Wireless Base Station: BS410

CE

The SCRAMX-850 (Bracelet), the SCRAMX-800 (Base Station), and Direct Connect (with WEEE and CE labels) are European compliant versions of the original SCRAM products designed for use in the United States and Canada.

SCRAMX-850, SCRAMX-800, and BS-410 contain Receiver Category 2, 1% Transmitter Duty Cycle.

Hereby, Alcohol Monitoring Systems, Inc. declares that the above products are 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.

Hereby, Alcohol Monitoring Systems declares that the radio equipment type BS-410 is in compliance with the Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address https://www.scramsystems.com/eu-declarations.

Australia & New Zealand

SCRAMX Bracelet

SCRAMX Base Station

Wireless Base Station: BS400

R-NZ

The SCRAMX Bracelet, Base Station, and Direct Connect are compliant with Australian and New Zealand EMC standards.

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

Información Regulatoria en Español

Estados Unidos

Brazalete

Modelo – SM02

FCC ID P8M-SM02

Certificado por ANSI/UL STD 60950-1

C ETL US LISTED

Intertek

5000746

Estación de base

Modelo –SM03

Entrada 10V ⎓ 650mA

FCC ID P8M-SM03

FCC Parte 68 AMSMM00BSM03

Estacion Base Inalambrica

Modelo BS-400

Entrada 5V ⎓ 3A

FCC ID P8M-BS400

Estacion Base Inalambrica (GSM)

Modelo BS500

Entrada 5V ⎓ 3A

FCC ID P8M-BS500

Estacion Base Inalambrica (LTE)

Modelo BS510

Entrada 5V ⎓ 3A

FCC ID P8M-BS500

Estos aparatos cumplen con la parte 15 de las Reglas de la FCC y/o con la parte 68 de las Reglas de la FCC. El funcionamiento de estos aparatos está sujeto a las siguientes dos condiciones:

1. Los aparatos no pueden provocar interferencias dañinas, y
2. Los aparatos deben aceptar la interferencia recibida, incluyendo la interferencia que puede provocar un funcionamiento no deseado.

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

Canadá

Brazalete

Modelo AMS–SM02

Innovación, Ciencia y Desarrollo Económico de Canadá:8549A-SM02

Certificado por CAN/CSA STD C22.2 Nro. 60950-1

C ETL LISTED US

Intertek

5000746

Estación de base

Modelo AMS–SM03

Entrada 10V ⎓ 650mA

Innovación, Ciencia y Desarrollo Económico de Canadá:8549A-SM03

Estacion Base Inalambrica

Modelo BS400

Entrada 5V ⎓ 3A

Innovación, Ciencia y Desarrollo Económico de Canadá:8549A-BS400

Estacion Base Inalambrica (GSM)

Modelo BS500

Entrada 5V ⎓ 3A

Estacion Base Inalambrica (LTE)

Modelo BS510

Entrada 5V ⎓ 3A

Este aparato cumple con el(los) estándar(es) de la licencia de la Industria Canadiense - RSS exentas. El funcionamiento está sujeto a las siguientes dos condiciones:

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

ADVERTENCIA: Las antenas, modificaciones o anexos no autorizados podrían afectar la calidad de la llamada, dañar el aparato o resultar en una violación de las regulaciones de la industria canadiense.

EXPOSICIÓN RF: Este dispositivo es un transmisor y receptor de radio. Está diseñado y fabricado para que no exceda los límites de emisiones para exposición a energía de frecuencia de radio (RF) establecida por la industria canadiense (IC). Estos límites son parte de pautas integrales y establecen niveles permitidos de energía de RF para la población general. Estas pautas se basan en las normas de seguridad establecidas previamente por los organismos de las normas internacionales y de la industria canadiense. Las normas incluyen un margen sustancial de seguridad diseñado para garantizar la seguridad de todas las personas, independientemente de la edad y de la salud.

El estándar de exposición para aparatos RF inalámbricos emplea una unidad de medida conocida como la Tasa de Absorción Específica, o SAR. El límite de la SAR establecida por la IC es de 4 w/kg. Los valores de la SAR en o por debajo de ese límite se consideran seguros para el público general. El valor máximo de la SAR cuando funciona como un aparato manual conforme con este manual es de 1.31 w/kg, lo cual está por debajo del límite establecido por la IC.

Europa

Brazalete: SCRAMX-850

Estación de base: SCRAMX-800

Estacion Base Inalambrica: BS410

CE

El SCRAMX-850 (Brazalete), el SCRAMX-800 (Estación de Base) y Direct Connect (con etiquetas WEEE y CE) son versiones europeas que cumplen con los productos originales SCRAM diseñados para su uso en los Estados Unidos y Canadá.

Los SCRAMX-850 y SCRAMX-800 contienen la Categoría del Receptor 2, Ciclo de trabajo del transmisor de 1 %.

Por la presente, Alcohol Monitoring Systems, Inc. declara que los productos anteriores cumplen con los requisitos y las provisiones esenciales de todas las directivas aplicables. Una declaración completa de conformidad está disponible bajo pedido.

Este símbolo indica que este producto de debe ser tratado como desecho hogareño. En cambio, debe ser entregado al punto aplicable de recolección para el reciclaje de equipo eléctrico o electrónico. Al garantizar que este producto se elimine correctamente, usted ayudará a evitar consecuencias negativas potenciales para el ambiente y la salud humana, que podrían de otra forma ser provocadas por el manejo inadecuado de desechos de este producto. El reciclaje de materiales ayudará a conservar los recursos naturales. Para obtener información detallada acerca del reciclaje de este producto, contáctese con su oficina de la ciudad local, su servicio de eliminación de desechos hogareños o la tienda donde adquirió el producto.

Por el presente, Alcohol Monitoring Systems declara que el equipo de radio tipo BS-410 está en cumplimiento con la Directiva 2014/53/EU. El texto completo de la declaración de conformidad de la UE se encuentra disponible en la siguiente dirección: https://www.scramsystems.com/eu-declarations.

Australia y Nueva Zelanda

Brazalete SCRAMX

Estación de base SCRAMX

Estacion Base Inalambrica: BS400

R-NZ

El brazalete, la Estación de Base y Direct Connect de SCRAMX cumplen con las normas EMC australianas y neozelandesas.

Por la presente, Alcohol Monitoring Systems, Inc. declara que los productos anteriores cumplen con los requisitos y las provisiones esenciales de todas las directivas aplicables. Una declaración completa de conformidad está disponible bajo pedido.

Este símbolo indica que este producto no debe ser tratado como desecho hogareño. En cambio, debe ser entregado el punto aplicable de recolección para el reciclaje de equipo eléctrico o electrónico. Al garantizar que este producto se elimine correctamente, usted ayudará a evitar consecuencias negativas potenciales para el ambiente y la salud humana, que podrían de otra forma ser provocadas por el manejo inadecuado de desechos de este producto. El reciclaje de materiales ayudará a conservar los recursos naturales. Para obtener información detallada acerca del reciclaje de este producto, contáctese con su oficina de la ciudad local, su servicio de eliminación de desechos hogareños o la tienda donde adquirió el producto.

Informations Réglementaires en Français

États-Unis

Bracelet

Modèle SM02

ID FCC P8M-SM02

Certifié ANSI/UL STD 60950-1

Intertek
5000746

Station de base

Modèle SM03

Entrée 10 V ⎓ 650 mA

ID FCC P8M-SM03

FCC Numéro d'article 68 AMSMM00BSM03

Station de Base Sans Fil

Modèle BS-400

Entrée 5V ⎓ 3A

ID FCC P8M-BS400

Station de Base Sans Fil (GSM)

Modèle BS500

Entrée 5V ⎓ 3A

ID FCC P8M-BS500

Station de Base Sans Fil (LTE)

Modèle BS510

Entrée 5V ⎓ 3A

ID FCC P8M-BS500

Ces équipements sont conformes à la section 15 et/ou à la section 68 de la réglementation de la FCC. L'exploitation de ces équipements est assujettie aux deux conditions suivantes :

1. Cet équipement ne doit pas générer d'interférences nuisibles.
2. Cet équipement doit accepter toutes les interférences reçues, notamment celles pouvant être à l'origine d'un fonctionnement indésirable.

Des changements ou des modifications non expressément approuvées par SCRAM Systems peuvent annuler le droit de l'utilisateur à exploiter l'équipement.

Canada

Bracelet

Modèle AMS–SM02

Innovation, Science et Développement économique Canada:8549A-SM02

Certification CAN/CSA STD C22.2 N° 60950-1

Station de base

Modèle AMS–SM03

Entrée 10 V ⎓ 650 mA

Innovation, Science et Développement économique Canada:8549A-SM03

Station de Base Sans Fil

Modèle BS400

Entrée 5V ⎓ 3A

Innovation, Science et Développement économique Canada:8549A-BS400

Station de Base Sans Fil (GSM)

Modèle BS500

Entrée 5V ⎓ 3A

Station de Base Sans Fil (LTE)

Modèle BS510

Entrée 5V ⎓ 3A

Cet appareil est conforme aux normes RSS d'exemptions de licence d'Industrie Canada. Son utilisation est assujettie aux deux conditions suivantes :

1. Cet équipement ne doit pas émettre d'interférences.
2. Cet équipement doit accepter toutes les interférences, notamment celles pouvant être à l'origine d'un fonctionnement indésirable de l'appareil.

AVERTISSEMENT : Des antennes non autorisées, des modifications ou des accessoires peuvent nuire à la qualité des appels, endommager l'appareil ou être à l'origine d'une infraction aux règlements d'Industrie Canada.

EXPOSITION HF : Cet appareil est un émetteur-récepteur radio. Il est conçu et fabriqué pour ne pas dépasser les limites d'émissions à l'exposition aux hautes fréquences (HF) établies par Industrie Canada (IC). Ces limites font partie de directives complètes et déterminent les niveaux autorisés d'énergie HF pour la population générale. Ces directives se fondent sur les normes de sécurité précédemment établies par Industrie Canada et les organismes de normalisation internationaux.

Les normes comprennent une marge de sûreté substantielle conçue afin d'assurer la sécurité de toutes les personnes, quel que soient leur âge et leur état de santé

L'exposition normalisée aux équipements HF sans fil utilise une unité de mesure connue sous le nom de Débit d'absorption spécifique ou DAS. La limite du DAS définie par IC est de 4 W/kg. Les valeurs du DAS en dessous de cette limite sont considérées comme étant sans danger pour le grand public. Avec un dispositif portatif, la valeur maximum du DAS, conformément à ce manuel, s'établit à 1,31 W/kg, ce qui la situe sous la limite définie par IC.

Europe

Bracelet: SCRAMX-850

Station de base: SCRAMX-800

Station de Base Sans Fil: BS410

CE

Le SCRAM-850 (bracelet), le SCRAM-800 (stations de base) et Direct Connect (avec étiquettes WEEE et CE) sont des versions européennes conformes aux produits originaux SCRAM conçus pour être utilisés aux États-Unis et au Canada.

Les SCRAMX-800 et SCRAMX-800 contiennent un récepteur de catégorie 2 et un émetteur avec un cycle d'utilisation de 1 %.

Alcohol Monitoring Systems, Inc. déclare ici que les produits ci-dessus sont conformes aux spécifications et aux dispositions essentielles des Directives applicables. Une déclaration complète de conformité est disponible sur demande.

Ce symbole indique que ce produit ne doit pas être traité en tant qu'ordures ménagères. Il doit plutôt être remis au point de collecte de recyclage adéquat des équipements électriques et électroniques. En vous assurant de mettre correctement ce produit au rebut, vous aiderez à éviter des conséquences potentiellement négatives sur l'environnement et sur la santé humaine, qui dans le cas contraire pourraient être provoquées par un traitement inapproprié de ce produit en tant que déchet. Le recyclage des matériaux vous aidera à préserver les ressources naturelles. Pour de plus amples informations sur le recyclage de ce produit, veuillez contacter la mairie de votre lieu d'habitation, le service de mise au rebut des ordures ménagères ou le magasin dans lequel vous avez acheté ce produit.

Alcohol Monitoring Systems déclare par la présente que le matériel radio de type BS-410 est conforme à la Directive 2014/53/EU. Le texte intégral de la déclaration de conformité UE est disponible à l'adresse internet suivante :https://www.scramsystems.com/eu-declarations.

Australie et Nouvelle-Zélande

Bracelet SCRAMX-850

Station de base SCRAMX

Station de Base Sans Fil: BS400

R-NZ

Les bracelet, station de base et Direct Connect de SCRAMX sont conformes aux normes CEM d'Australie et de Nouvelle Zélande.

Alcohol Monitoring Systems, Inc. déclare ici que les produits ci-dessus sont conformes aux spécifications et aux dispositions essentielles des Directives applicables. Une déclaration complète de conformité est disponible sur demande.

Ce symbole indique que ce produit ne doit pas être traité en tant qu'ordures ménagères. Il doit plutôt être remis au point de collecte de recyclage adéquat des équipements électriques et électroniques. En vous assurant de mettre correctement ce produit au rebut, vous aiderez à éviter des conséquences potentiellement négatives sur l'environnement et sur la santé humaine, qui dans le cas contraire pourraient être provoquées par un traitement inapproprié de ce produit en tant que déchet. Le recyclage des matériaux vous aidera à préserver les ressources naturelles. Pour de plus amples informations sur le recyclage de ce produit, veuillez contacter la mairie de votre lieu d'habitation, le service de mise au rebut des ordures ménagères ou le magasin dans lequel vous avez acheté ce produit.

Alcohol Monitoring Systems, Inc.

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