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**El Paso County
Agenda Item Details**

Item Title: Approve and authorize the purchase of GPS and Alcohol
                     Monitoring Services for the El Paso County, Texas Juvenile
                     Probation Department

Submitted By: Karen Davidson, Purchasing Agent

Department: Purchasing Department

Department Phone Number: 915-273-3349

Subject: Approve and authorize the purchase of GPS and Alcohol
                     Monitoring Services for the El Paso County, Texas Juvenile
                     Probation Department using GSA Contract GS-07F-0003Y
                     awarded to Alcohol Monitoring Systems, Inc of Greenwood
                     Village, CO. Pricing as indicated in tabulation. Funding is
                     available in GF-JPD-CONTR SVC-GEN and SR-JPDSUP-CONTR
                     SVC-GEN.

Background: The County of El Paso, Texas Juvenile Probation Department is
                     seeking services from qualified individuals/companies to
                     provide GPS/alcohol monitoring for male and female juvenile
                     offenders ages 10-17 actively involved with the Juvenile
                     Probation Department.

                     To ensure the County is obtaining the best overall value to
                     include, pricing and terms, the Purchasing Department has
                     reviewed available cooperative contracts and determined that
                     the GSA Contract GS-07F-0003 conforms to the County's needs.

                     GSA Contract Term: September 30, 2026, Ultimate Contract
                     End Date: September 30, 2031

Fiscal Impact: Fiscal Impact Historical

                     Fiscal Impact Projected
                     Funding is available in:

                     GF-JPD-CONTR SVC-GEN- $40,000.00
                     COGF-1003-0000000-431-30-30300-0368-00000-601404

SR-JPDSUP-CONTR SVC-GEN-$80,000.00
COSR-6042-0000000-431-30-30300-0001-00000-601404-

Long Account Number: Amount:

Long Account Number: Amount:

Budget or Unbudgeted Match:

Recommendation: Approve and authorize the purchase of GPS and Alcohol Monitoring Services for the El Paso County, Texas Juvenile Probation Department using GSA Contract GS-07F-0003Y awarded to Alcohol Monitoring Systems, Inc of Greenwood Village, CO. Pricing as indicated in tabulation. Funding is available in GF-JPD-CONTR SVC-GEN and SR-JPDSUP-CONTR SVC-GEN.

Prior Action: N/A

Strategic Plan: Goal:

null

Objective:

Strategic Plan Information:

**Estimated Time Needed
For This Item:**

EL PASO COUNTY PURCHASING REVIEW FORM

Procurement Item	
Agenda Date:	**Department:**
Item Description:	

Item Information	Previous PRP Action
Specs **Bid Award** **Contract** **Contract Amendment** **Price Bid** **Construction** **Other** **RFP** **RFI** **RFQ**	Date Approved for CC Returned To Dept.

ACTION TAKEN BY PROCUREMENT REVIEW PANEL

Reviewed and Accepted (as is) for Commissioners Court Action
Recommend Award to Vendor and accept for Commissioners Court Action
Return to Department for further action/information/documentation (*reason specified below)
Not Accepted/Other (*reason specified below)

Item requires contract/contract review. Dept. needs to contact County Attorney's Office for more information.

Placement on Commissioners Court Agenda By: **Auditor's Verification of Funds:**

Department   Purchasing Department   Funds Verified   No Funds

This procurement item has been reviewed by the Procurement Review Panel. Said review should not be relied upon by any person or entity other than the County of El Paso, its officers, and employees.

Panel Members

County Contract Administrator/Designee: Accept | Not Accept: _____

County Auditor/Designee   `Accept` **| Not Accept:** _____
County Purchasing Agent/Designee   `Accept` **| Not Accept:** _____
County Department Head   **Accept | Not Accept:** _____

County Attorney Reviewer: Approved for further action: `Y` / N: _____
Subject Matter Expert (as needed)   **Accept | Not Accept:** _____

Other Meeting Attendees (PLEASE PRINT NAME):

1.)_____   2.)_____   3.)_____

4.)_____   5.)_____   6.)_____

GPS/Alcohol Monitoring Services for
El Paso County, Texas Juvenile Probation Department

GSA Contract GS-07F-0003Y
Contract Option Period: September 30, 2026 Ultimate Contract End Date: September 30, 2031

Alcohol Monitoring Systems, Inc.
Greenwood Village, CO

Description	Unit Cost
List Unit and Price to include Device and Beacon (per Unit)	**Leasing**
SCRAM GPS 9 Plus Device	**$3.05**
SCRAM Beacon	**$0.50**
SCRAM CAM (landline)	**$6.84**
SCRAM CAM w/Ethernet	**$7.34**
SCRAM CAM w/Wireless Base Station	**$7.81**
SCRAM Remote Breath Pro	**$3.69**
SCRAM TouchPoint (Standalone)	**$0.48**
SCRAM Ally Victim App	**$1.00**
List Unit and Price Device and Beacon (per Quanity)	
SCRAM GPS 9 Plus Device 1-149	**$3.05**
SCRAM GPS 9 Plus Device 150+	**$3.00**
SCRAM Beacon 1-149	**$0.50**
SCRAM Beacon 150+	**$0.48**
SCRAM CAM (landline) 1-149	**$6.84**
SCRAM CAM (landline) 150+	**$6.41**
SCRAM CAM w/Ethernet 1-149	**$7.34**
SCRAM CAM w/Ethernet 150+	**$7.31**
SCRAM CAM w/Wireless Base Station 1-149	**$7.81**
SCRAM CAM w/Wireless Base Station 150+	**$7.79**
SCRAM Remote Breath Pro 1-149	**$3.69**
SCRAM Remote Breath Pro 150+	**$3.58**
SCRAM TouchPoint (standalone) 1-149	**$0.48**
SCRAM TouchPoint (standalone) 150+	**$0.45**
SCRAM Ally Victim App 1-149	**$1.00**
SCRAM Ally Victim App 150+	**$0.96**

**GPS/Alcohol Monitoring Services for
El Paso County, Texas Juvenile Probation Department**

Other Associated Fees	Cost
Daily Fee	**$0.00**
Initial Activation Fee	**$0.00**
On Body Charger	**$75.00 (purchase only)**
GPS 9 Plus Device Replacement Cost	**$559.85**
GPS Beacon Replacement Cost	**$400.00**
CAM Bracelet Replacement Cost	**$1,108.35**
Base Station Replacement Cost	**$374.81**
Wireless Base Station Replacement Cost	**$585.00**
Remote Breath Pro Replacement Cost	**$676.11**

Note: 10% discount on lost/damage equipment. See proposal price sheet for additional information.

Rosie Medina   3-21-25

_____

Approved By (Print)   .   Date

                                                    3-21-25

_____

Approved By (Signature)   Date

03/17/2025-AH

GPS/ALCOHOL MONITORING

El Paso Juvenile Probation Department
El Paso, Texas

SCRAM® SYSTEMS

Prepared by:

Alcohol Monitoring Systems, Inc.
Contact: Justin Wright
Phone: (682) 351-0224 • jwright@scramsystems.com

February 4, 2025

County Purchasing Department
800 E. Overland, Suite 300
El Paso, Texas 79901
Phone (915) 273-3349

Dear Ms. Hernandez:

Alcohol Monitoring Systems, Inc. (AMS) (DBA SCRAM Systems) is pleased to provide this proposal for GPS/Alcohol Monitoring for the El Paso County Juvenile Probation Department (the Department). SCRAM Systems is based in Littleton, Colorado and manufactures the entire suite of SCRAM Systems® products.

As a previous provider of location and alcohol monitoring for the Department, SCRAM Systems is confident that we can continue to meet or exceed the needs for the Department's JPD Electronic Monitoring Program using SCRAM Systems products at a competitive price. Our pricing is based on our GSA contract, which is active through September 2026, with intentions for renewal. We've submitted a copy of our GSA contract separately as well as the following link to our GSA listing:

https://www.gsaadvantage.gov/advantage/ws/search/advantage_search?q=0:2gs-07F-0003Y

In addition to our location and alcohol monitoring devices, our offer includes accurate reporting, detailed insight into reports and historical data, mobile access from any web-enabled device, and our client mobile check-in app. As an added plus, SCRAM Systems can offer active, passive, and hybrid GPS at one flat rate and will include all consumables with no additional cost. Our software is accessed via the web and does not require any servers on site. Additionally, our GPS device technology incorporates GPS Analytics, which takes GPS data and converts it into readily available and usable information, saving valuable time and effort for the Department.

SCRAM Systems is one of the world's largest and most experienced providers of electronic monitoring hardware and software and associated services. With 16 years in the electronic monitoring industry, SCRAM Systems clearly understands the challenge that the Department faces in order to successfully monitor their juvenile population. SCRAM Systems provides cutting-edge technology supported by 24/7 customer service that will not only meet the Department's needs but will enhance their program.

Should there be any questions regarding our statement of interest, please contact me at (682) 351-0224 or via email at jwright@scramsystems.com. The SCRAM Systems team looks forward to the opportunity to meet the needs of El Paso County Juvenile Probation Department.

Sincerely,

Justin Wright, Regional Sales Manager

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Solution Overview

The Challenge. To operate and manage a successful electronic monitoring program, it is imperative that the El Paso County Juvenile Probation Department partner with a dependable vendor to obtain reliable electronic monitoring equipment and services. We understand that the Department seeks a vendor that can provide location and alcohol monitoring equipment and services, as well as supporting software, training, and customer support.

The Solution. Our alcohol and location monitoring devices, along with support services, software, and mobile apps, provide customized technology-driven solutions for agencies to create efficient and effective electronic monitoring programs that improve client outcomes and enhance community safety. Our solution includes the following:

Location Monitoring

SCRAM GPS. Combines superior location accuracy, a long-lasting battery, and a unique strap design that virtually eliminates false alerts, in a small, one-piece device. Officers can quickly make sense of client movements with our robust built-in **SCRAM GPS® Analytics**, which includes our unique **SCRAM GPS® Pattern of Life Mapping**, and converts thousands of data points into usable knowledge,

With the optional **SCRAM Beacon®**, the GPS bracelet converts to RF monitoring when in range of our base station. The beacon can reduce location and communication alerts, maximizing performance and extending bracelet battery life.

Our optional **SCRAM Ally®** victim notification app works in conjunction with SCRAM GPS to ensure that when a GPS client is in proximity to the victim's phone, both the victim and the supervising authorities are notified.

Alcohol Monitoring

SCRAM Continuous Alcohol Monitoring® (SCRAM CAM®). The ankle-worn device tests for alcohol 24/7 by automatically sampling the wearer's perspiration every 30 minutes. It is the only system with a thorough record of independent testing and court admissibility. With a 99.3% average daily compliance rate, it has proven its ability to deter drinking and supports long-term behavior change.

SCRAM Remote Breath® Pro. A discreet, mobile breath testing device that detects alcohol consumption and provides a GPS location with both taken and missed tests. Programs also save time with government security-grade facial verification—reducing manual matching by 90-95%.

Supporting Software

SCRAM Optix™. Officers can access data for all SCRAM Systems products through SCRAM Optix. Instead of logging on to multiple systems, SCRAM Optix puts all technologies on one dashboard. Officers have efficient and well-organized access to data, saving time and effort. The software is available 24/7 via any Internet-enabled device with a mobile-adaptive design that allows officers to work by desktop, tablet, or smartphone.

SCRAM TouchPoint®. The supporting client-facing mobile app provides two-way messaging, automated reminders, document storage, and check-in capabilities, allowing officers to streamline the most common interactions with clients and assist clients to successfully complete the terms of their supervision. The app integrates with existing SCRAM electronic monitoring caseloads or can be used as a standalone monitoring and engagement tool.

Customer Support

Monitoring Services. SCRAM Systems has a 24/7 monitoring center managed by a well-trained team of data analysts. Monitoring services include all the value-add services needed for program support, including 24/7 customer support, analytics and reporting, court support, and beyond.

Dedicated Support Team. The Department will have access to both a regional sales manager and account manager, dedicated to assisting the Department in establishing and/or maintaining a monitoring program customized to its specific needs. We become an extension integrate with your team, offering continuous training and support, aiding in research and reporting, and consistently offering expert advice to enhance the efficiency of your program.

Training. SCRAM Systems will provide training for anyone who manages equipment or clients/offenders. All SCRAM Systems training is provided at no additional cost to the Department. Both refresher training and written documentation are available online.

In summary, our proposal offering is based upon the following elements:

- A complete line of the latest, most reliable, integrated client monitoring technologies paired with supporting software that meets or exceeds the Department's specifications.

- Dedicated customer support via our 24/7 monitoring center, as well as from SCRAM Systems' committed sales and account management team.

- Competitive pricing.

Perfecting our technologies since 1997, we continue to look forward to developing and delivering new ways for the criminal justice system to better manage the challenges it faces. As we continue to innovate and grow, our commitment to excellence drives everything we do as an organization. This commitment starts at home with our own employees and extends to every professional, client, organization, and agency with which we work. We produce more than just hardware and software—we deliver user-focused, superior technology-based solutions that improve the experience for both our customers and the clients they serve. The Department can be assured that it will receive the same excellent service that over 4,800 courts and government agencies worldwide have come to expect from SCRAM Systems.

Scope of Work: Response to GPS and Alcohol Monitoring Specifications

I. GPS and Alcohol Monitoring Device:

• Ankle and Wrist Devices

SCRAM GPS 9 Plus

SCRAM GPS 9 Plus is our latest tracking device that attaches to the client's ankle and tracks movements 24/7. It offers exceptional location accuracy, a durable, industry-leading strap design, extended battery life, and intuitive software tools, enabling officers to efficiently monitor and manage their caseloads.

Key features include:

- Priority communication of location data on the FirstNet® wireless network—to ensure continuous communication of location points in high traffic times and critical situations

- Wi-Fi tracking, in addition to cellular, ensures tracking is not lost when GPS points are unavailable

- Extended battery life reduces low and dead battery alerts

- Versatile charging options, including on-body charging for convenience on the go and a break-away charger for safe outlet charging, designed to prevent damage.

- Built-in state, county, and school zones within the U.S., and allows unlimited zone creation

- Robust tamper technology that virtually eliminates false tampers

- GPS Analytics to simplify large amounts of data

- SCRAM Beacon—optional radio frequency (RF) monitoring

• Durable Hardware/Device

The SCRAM GPS device is designed to be durable and not impede client activity on a normal daily basis. It has been tested and complies with military standards MIL-STD-810F Method 516.6 and IP-57 respectively for shock and water ingress. The GPS 9 PLUS device has a hypoallergenic, industrial-grade plastic strap with an embedded fiber optic cable. It is adjustable and can be fitted to any size participant ankle.

SCRAM GPS 9 Plus provides exceptional location accuracy, robust tamper technology, extended battery life, and intuitive software tools, allowing officers to efficiently monitor and manage their caseloads.

• Waterproof , tamper resistant, Shock Proof, small light weight, cut resistant, operating temperatures -4 to +140 F (-20 to +60 C)

The GPS 9 PLUS tracking device measures 8.3 cubic inches (3.37" tall x 2.75" wide x 0.90" deep), making it one of the smallest GPS devices on the market. It is lightweight, weighing only 8.3 ounces (236 grams), and is sealed and waterproof to two meters. The device has been tested and complies with military standards MIL-STD-810F Method 516.6 and IP-57 respectively for shock and water ingress.

Tamper Detection. SCRAM GPS 9 Plus will detect tamper types and make prompt notification according to the Department's pre-defined notification protocols.

- **Device Tamper (Locator):** The backplate that secures the device to the offender has been separated or damaged.

- **Strap Tamper:** The strap has been cut, damaged, or removed.

- **No Motion (Locator):** The device does not detect motion after a period of time (defined by the officer/agency).

The GPS device sends an immediate strap tamper alert notification if the patented strap is cut or the backplate (which locks the strap into place) is removed. The backplate is one of the most robust tamper features in the industry. On competing devices participants may attempt to remove a strap undetected by releasing "locking pins," which can be difficult to visually verify. Because of our unique design, which has no locking pins and requires a participant to break the entire backplate to remove the strap, this is not possible. Physical damage to the backplate is clearly evident during inspection because the design prohibits clients from reattaching the backplate once broken.

Simple, tool-less installation completed within 30 seconds. If the backplate (which locks the strap into place) is altered or removed, an immediate tamper alert is sent.

• *Fast and easy installation, tool free installation preferred.*

The device can be installed on the client's ankle within 30 seconds without any tools. The battery is internal and rechargeable, so there is no need for it to be installed or changed. The wider strap design helps distribute weight along a person's leg to minimize the strap digging into an ankle and to increase comfort. The hypoallergenic strap is reusable, adjustable, and requires no cutting or specialty tools. The backplate locks the strap securely into place without the need for tamper clips. The client would need to cut the strap or break the backplate to remove the strap, both of which are obvious upon inspection and would also generate an alert.

• *Smaller Strap Sizes/ Hygienic or Replaceable*

The GPS 9 Plus device has a hypoallergenic, industrial-grade plastic strap with an embedded fiber optic cable and is adjustable to fit even the smallest ankles. A smaller "juvenile" strap is available as well. The straps are rugged, and durable so that they do not need to be replaced; however, if a need arises, the straps can be replaced in the field.

• *Adjustable strap to accommodate the needs of a diverse group of youth. Standard strap pre-sized fiber-optic.*

Our standard straps are available in two adjustable sizes and can be fitted to any size participant ankle. SCRAM Systems has successfully serviced other juvenile programs and the Department can be assured that the straps can be easily fitted to accommodate even the smallest ankles.

SCRAM Systems also offers the SCRAM GPS Tough Strap, designed for higher risk clients, or situations in which a client may require additional precautions. The GPS 9 Plus bracelet with tough strap weighs 9.1 ounces—only 1.1 ounces more than the GPS 9 Plus bracelet with a standard strap—but requires at least 20 pounds of force to cut through. Like the standard strap, the tough strap is hypoallergenic, made of industrial-grade plastic, and is field replaceable. It has a fiber optic cable, but also includes an embedded stainless-steel chain to make the strap completely cut resistant. The strap size is adjustable and can comfortably accommodate various size ankles.

• *Alcohol monitoring capability can be requested at the department's discretion.*

SCRAM Systems offers both transdermal and remote breath alcohol monitoring options and will continue to make these options available to the Department as requested.

SCRAM CAM

The SCRAM Continuous Alcohol Monitoring® (SCRAM CAM®) device provides 24/7 alcohol monitoring for higher-risk/higher-need alcohol clients. It is the most widely used and the only scientifically proven and court-validated device of its kind.

Designed specifically for alcohol monitoring programs where abstinence is required and house arrest may also be needed, SCRAM CAM provides supervising authorities with a fact-based, comprehensive profile of higher-risk clients' alcohol consumption and curfew compliance. The result is a much more reliable and cost-effective alternative to random breath testing or incarceration, making it an intensive accountability tool. SCRAM CAM:

- Encourages compliance because it eliminates testing gaps—meaning that there is no way to miss a test or drink around testing schedules.

- Uses a controlled, quantifiable sample, resulting in true continuous monitoring and the lowest false positive rate possible.

- Never requires a secondary test, such as a breath or blood test, to confirm a drinking event.

- Is independently tested and has peer-reviewed, published studies confirming its reliability.

- Is court-validated—meaning it has been upheld as valid and reliable by the Daubert, Frye, and FRE 702 and 703 standards of admissibility in every state where it's been challenged.

The patented SCRAM CAM bracelet is attached to the client's ankle and worn 24/7. It monitors alcohol consumption by sampling the insensible (gaseous) perspiration constantly being emitted from the body. The bracelet transmits data by RF signal to the SCRAM Base Station. When data is received by the base station, it is transmitted to the monitoring software, SCRAM Optix, by telephone landline, Ethernet, Wi-Fi, or cellular communication.

Continuous Alcohol Monitoring. Because people excrete approximately one percent (1%) of the alcohol they drink through their sweat, if an individual has been drinking it will show up in the level of alcohol vapor present in the insensible perspiration that is constantly produced and emitted by the skin. The SCRAM CAM ankle bracelet continually collects a sample of a client's insensible perspiration and automatically tests the sample every 30 minutes, 24 hours a day. SCRAM CAM provides the industry's only true 24/7 sobriety monitoring, ensuring that authorities know conclusively if a client has been drinking or if they are compliant with the conditions of their supervision.

The SCRAM CAM device continuously collects a sample, making it easy to use with no required intervention from the client. There are no reminder calls necessary, no prompts required to initiate monitoring, and no action needed by the client to preface testing.

Single Source Admissibility. SCRAM CAM is single source admissible, which means it never requires a secondary test, such as a breath or blood test, to confirm a drinking event. It can conclusively distinguish between ingested and environmental alcohol to ensure accurate monitoring. This is possible due to the following reasons:

- **Controlled, Quantifiable Sample Delivery System.** SCRAM CAM is the only CAM device on the market that uses a controlled, quantifiable sampling method—collecting every second—to create a measured sample every 30 minutes. This is the same proven type of sample delivery

system used in evidential breath testing equipment that has been the standard in law enforcement for decades. Without this sampling method, a device is susceptible to environmental factors causing false positives and/or may require a secondary test. By combining this system with SCRAM Systems' patented method of "contaminant isolation" SCRAM CAM can distinguish between environmental and ingested alcohol.

The sample delivery method results in a quantifiable Transdermal Alcohol Concentration (TAC) curve, with specific alcohol absorption and elimination rates. The contaminant isolation method allows SCRAM CAM to measure the level of environmental or ambient alcohol prior to each transdermal alcohol measurement, indicating if a test has been contaminated. When combined, these approaches ensure results of the highest confidence with the lowest false positive rate possible.

- **Proven Electrochemical Fuel Cell Technology.** The electrochemical fuel cell, which is the heart of the SCRAM CAM bracelet, has been proven through decades of research and experience and is considered the gold standard in alcohol testing applications. This is the same type of fuel cell used in evidential breath testing equipment and interlock devices and it is comprised of extremely sensitive and ethanol-specific alcohol sensors.

- **Thorough Data Analysis and Review Process.** All data received from the SCRAM CAM bracelet is subjected to a rigorous, scientific alcohol detection analysis. This review process, supervised by SCRAM Systems' specially trained team of analysts, looks at key data (such as alcohol absorption and elimination rates) of the TAC curve. This peer-reviewed, scientifically proven, and court-validated confirmation process ensures that only true alcohol consumption events are confirmed.

SCRAM Remote Breath Pro

SCRAM Remote Breath Pro is a portable wireless breath alcohol monitoring device that provides a GPS location with both taken and missed tests. The device communicates via cellular networks and notifies supervising authorities of any alcohol readings (BrAC), tamper alerts, or equipment malfunctions so they can respond quickly to problem clients.

Remote Breath Pro is compact, discreet, and portable.

SCRAM Remote Breath Pro offers the following features and benefits:

- Sleek, lightweight, and compact. The device measures 2.9"x6.5" with a 1.2" depth.

- Facial authentication software decreases officer photo manual matching by up to 95%, allowing officers more time to spend on their caseloads and clients.

- Enhanced facial guidance provides visual cues ensuring the face is aligned during client testing.

- Device-initiated testing—automatically turns on and prompts clients for scheduled and on-demand tests.

- Wi-Fi capabilities—so that downloads can be performed when a cellular connection is not available.

- Store & Forward—never lose test results.

- GPS location with both taken and missed tests.

All SCRAM Systems devices—both alcohol and location/GPS—are monitored via SCRAM Optix, the web-based software application managed by SCRAM Systems. It is accessible 24/7 via any web-enabled device and allows courts and supervising agencies to access and manage their data.

SCRAM Optix notifies the supervising authority of any alcohol alerts, tamper alerts, or equipment malfunctions so they can respond quickly to problem clients. Officers can enroll clients, adjust device settings, enter/edit schedules, select notification methods or parameters, manage inventory, and quickly assess detailed caseload information at-a-glance via device and status indicators. In addition, the software provides a wide range of reports and graphs—from a snapshot of a single event to a comprehensive view of a client's behavior over time.

• One way or two way communication between the department, device, and participants.

The GPS 9 Plus device has two-way client communication and can be configured to communicate using vibration or audible tone. The audible tone is a 95-decibel speaker, ensuring it is easy for clients to hear when they violate their program requirements. The client must acknowledge the alert by pressing a button on the device to stop or silence the vibration/tone within 30 seconds. Providing two options to notify the client significantly decreases excuses for non-compliance. Officers can administer the audible tone or the vibration sensor at any time. In addition, the bracelet will automatically vibrate whenever the bracelet reaches a low battery state.

• Automatic Hardware/Software upgrades due to technological advances.

SCRAM Systems ensures that all equipment used will be the current version and will be new or perform "like new." All equipment will be continuously upgraded throughout the life of the contract, with the Department receiving the latest version at no additional cost.

• Charging Ports/ Cables-Durable and secure design with breakaway charger, one-piece charger preferred

GPS 9 Plus has multiple ways clients can quickly charge, reducing low battery alerts.

The GPS 9 Plus device comes equipped with a **break-away charger.** Clients easily attach the device by sliding on the charger. Small vibrations and LED lights indicate to the client that the device is charging. Should the device get pulled away from the wall while the charger is still attached, the break-away design prevents damage and wear to the GPS device. The simple one-piece charging cord is over 8-feet long, giving clients more room to function and move around while charging.

As an alternate charging method, SCRAM Systems offers an 18" charging cable which connects to the GPS device with the same break-away design but allows the client the option of charging via a USB power supply.

The **On-Body Charger** can help promote compliance by allowing clients to charge their device on the go. The optional charger attaches to the client's ankle and fully charges the GPS 9 Plus device in approximately two hours, without being connected to a cord. It uses the same AC charger as the GPS 9 Plus bracelet, limiting the need for additional equipment.

The break-away design prevents damage to the GPS device.

• Rechargeable battery that lasts up to 50 hours or longer in GPS tracking. LED indicating system distinguished battery alerts. Operation at tracking and reporting intervals, battery life (500 charge cycles).

On a full charge, the battery will last up to 60 hours in standard mode, and 85 hours in economy mode. Plugged into a standard AC power supply outlet for charging, the SCRAM GPS 9 Plus device can be charged to 24 hours of battery life within one hour and fully charged in about three hours.

Unlike the battery life statistics for other GPS monitoring devices, our testing is based on an aggressive active rate plan of 1-minute acquisitions and 10-minute transmission. Even when used in Pursuit Mode, the GPS 9 Plus battery will have more than sufficient battery power to consistently monitor and deliver critical GPS data.
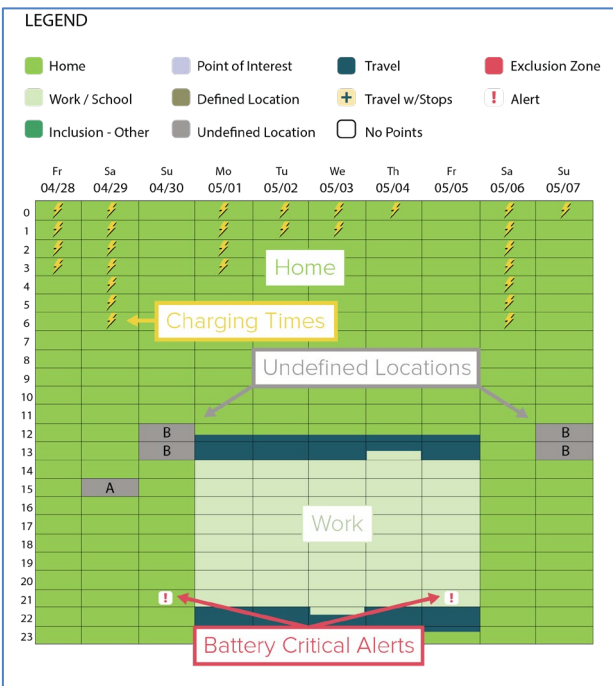
Battery Indicators. The battery is internal and rechargeable, so there is no need for it to be installed or changed. GPS 9 Plus has LED lights that indicate when the unit battery is low, charging, or fully charged.

In addition to battery indicators built into the equipment, the software provides detailed charging information. Charging icons depicted as lightning bolts show officers when, where, and for how long an offender has charged the device. With hour-by-hour detail, officers have immediate access to charging details.

Charging icons depicted as lightning bolts show officers when, where, and for how long an offender has charged the device. With hour-by-hour detail, officers have immediate access to charging details.

II. Beacon Capabilities

SCRAM Beacon

• *Motion detection*

The SCRAM Beacon is equipped with multiple sensors that monitor and report when the device is unplugged or experiences a loss of power, any attempts to tamper with the outer-casing, and any communication failures that indicate an attempt to relocate/move the unit.

• *No phone or external power required*

The SCRAM Beacon is plugged into and powered by the participant's home AC power outlet. If it becomes unplugged or loses power, it will switch to the backup battery and functions for approximately 15 hours with a fully charged battery.

SCRAM Systems designed the beacon to communicate by standard telephone line or Ethernet, which eliminates cellular connectivity issues.

By being physically connected to an AC power outlet and a landline or Ethernet port, the Department is ensured an extra layer of tamper protection against attempts to re-locate or move the device. If the beacon becomes unplugged or loses power, it will generate a power loss message, which will be called into the monitoring software. If the device is disconnected from the landline or Ethernet port, a separate alert will be generated. Loss of both power and phone is a good indication to the Department that the device has been moved or is unable to continue communicating.

• GPS beacon needs to have access to change range settings (small, medium, large perimeters settings) 25 feet, 75 feet, 150 feet.

The range between the beacon and the bracelet has three range settings. The smallest is approximately 25-30 feet. Medium is about 75 feet, and the largest range is approximately 150 feet.

• GPS Beacon needs to have internal back up battery system and be able to store GPS activity in the memory in case internet or power goes out.

Because the tracking device is actively communicating, even when deployed in a passive mode, the need to store data in memory is largely eliminated. However, should cellular coverage be unavailable, the device can indefinitely store thousands of events and GPS data in its internal solid-state, non-volatile memory. It continues to collect events and GPS data as long as the battery provides sufficient power. Once power and communication have been restored, the device communicates all events and GPS data to the monitoring software, where it is reported according to Department procedures. If the beacon becomes unplugged or loses power, it will switch to the backup battery. The SCRAM GPS beacon can hold up to a month's worth of data in its non-volatile memory (about 7500 messages). All events are date- and time-stamped.

• High alerts sent to JPO & GPS Tech via email or mobile device via message within 15 minutes of event. (GPS cut off, in prohibited zone, curfew violation, tampers).

All GPS alert notifications can be customized to meet the needs of the Department, including immediate notification once the event is received. The alerts are immediately sent directly to the server and can be simultaneously sent to supervising officers. For each violation or event, the system can be configured to provide notification by email or text, as well as a daily notification summary outlining the activity of the previous day. Additionally, an alert is generated if the device 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. When an alert is generated, notification is made according to protocols established by the Department.

The SCRAM GPS 9 Plus bracelet communicates via the FirstNet network. This integration offers key advantages for both corrections and courts and the communities they protect by providing:

- **Priority Service During Emergencies.** During crises or periods of high network traffic,

regular networks can become congested, leading to communication delays. With FirstNet, SCRAM GPS 9 Plus benefits from priority service, helping to ensure that location data continues to transmit uninterrupted during these critical moments.

- **Wider Coverage for Greater Reliability.** FirstNet boasts the largest network for public safety in the country, covering over 250,000 square miles more than commercial networks. This extended coverage means that GPS 9 Plus can stay connected even in rural or remote areas, making it an ideal solution for supervising individuals in diverse locations.

In public safety, every second counts. By using FirstNet, agencies that rely on SCRAM GPS 9 Plus have a powerful tool to enhance their supervision and monitoring capabilities. We are proud to align with the mission of FirstNet to provide solutions that help protect communities across the nation. The integration of GPS 9 Plus with FirstNet is just one more way we're committed to providing the most reliable and innovative tools for public safety.

• Paired with up to 5 devices

The ability and convenience of using the GPS beacon with Ethernet or Wi-Fi connectivity removes the need for multiple phone lines to be installed in the client's home. SCRAM Systems can accommodate multiple beacons utilizing one internet router via an Ethernet splitter that we will provide for the Department.

• 3 year battery life

The beacon is powered by the participant's home AC power outlet. The device has a backup battery that will function for up to 16-20 hours during a power outage with a fully charged battery. Because the GPS 9 Plus tracking device switches to RF mode when in range of the beacon, it saves battery life and provides extended GPS monitoring.

III. Readable Reports / User Friendly Software:

• Flexible and customizable reporting of locations, establishing zones, violations, alcohol use, and automatic notifications.

Data for all SCRAM Systems' technologies are housed in SCRAM Optix, the web-based software application by SCRAM Systems. The software is secure, scalable, and accessible 24/7 via any web-enabled device. Officers can enroll clients, adjust device settings, enter/edit schedules, select notification methods or parameters, manage inventory and quickly assess detailed caseload information at-a-glance via device and status indicators.

It offers robust caseload and client management tools, including both point-by-point and advanced mapping with pattern of life features, inclusion/exclusion zone management, customizable notification protocols, and powerful program reporting tools.

The dashboard depicts caseload information at a glance. The most important alerts, indicated in red, are always listed at the top of the caseload page.

Department personnel can do the following through the web-based software application:

- View information about the client, including—but not limited to—personal information, current electronic monitoring data, historical electronic monitoring data, violation statuses, notification settings, and reports.

- Enroll/edit/remove clients without calling the monitoring center.

- Create, edit, delete, and apply monitoring parameters (such as daily/weekly schedules) for individual clients or groups of clients.

- Create and manage zones.

- Select which violations/events should trigger notifications and customize those preferences per client, officer, caseload, or agency.

- Easily set up notification protocols customized by client, officer, caseload, or agency.

- Enter information to initiate multiple alert notifications (e.g., officers, law enforcement) for specified key events or non-compliance with monitoring parameters.

- Manage inventory.

In addition, the dashboard includes one-touch functionality that enables officers to quickly initiate actions related to a specific client, without navigating across multiple screens. When a drop-down arrow is selected, the software displays a series of launch buttons that provide quick and easy access to:

- Add or edit a note in the client's file

- View movements on a map

- Review event history

- Obtain the current location of a client

- Send vibrate command or audible alarm

- Enable Pursuit Mode to actively track a client's location every 15 seconds

- Analyze Pattern of Life behavior

- Access Client Stop Pattern analytics

- See Charging Event reports

- Suspend alerts temporarily on a specific client
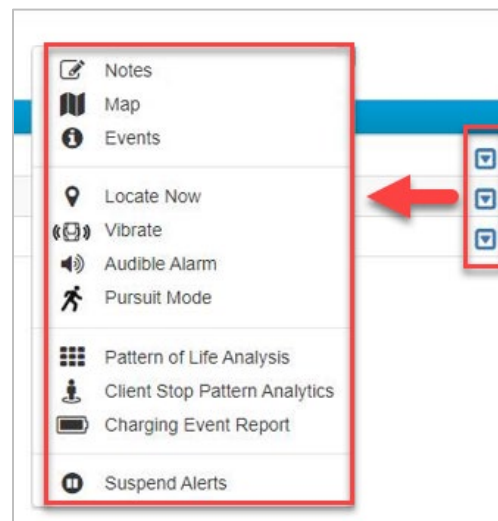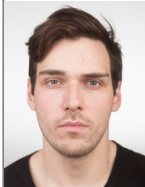
Mobile-Adaptive. SCRAM Systems software is mobile adaptive, making it easy to view on any smartphone or tablet and allowing all functionality as provided via desktop. With client profile information at their fingertips, officers can:

- Resolve priority alerts in the field.

- View battery status.

- Pinpoint a client's location at the time of an alert.

- Get turn-by-turn directions.

- Access a street-level view of the alerts in question.

- View the last known location via Google Maps.

- Allows for device assignments in the field.

Alert Notification. All GPS alert notifications can be customized to meet the preferences of the Department. The alerts are immediately sent directly to the server and can be simultaneously sent to supervising officers. For each violation or event, the system can be configured to provide notification by email or text and a daily notification summary outlining the previous day's activity. Additionally, the software generates an alert if the device 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. When an alert is generated, notification is made according to the Department's protocols.

> **From:** noreply@scramsystems.com [mailto:noreply@scramsystems.com]
> **Sent:** Wednesday, May 03, 2017 2:20 PM
> **To:** Officer Johnson
> **Subject:** Critical Alert for John Jacobs
>
> ## Critical Alert for John Jacobs
>
> | | |
> |---|---|
> | Offender: | John Jacobs |
> | Account: | Jefferson County |
> | Event: | Device Tamper |
> | Time of Event: | 05/03/17 02:20PM |
> | Risk Level: | High |
> | Home: | |
> | Cell: | (303) 785-7879 |
> | Work: | |
> | Location: | 1241 West Mineral Avenue, Littleton, CO - USA |
> | Zone Name: | |
> | Zone Address: | |

Zones. Users can create an unlimited number of adjustable zones within the software, including circle, square, and polygon zones. There are three types of zones: Inclusion (client must be in during certain periods); Exclusion (client cannot enter); and Neutral (to track entries and exits without assigning schedules). The user can create new zones for each client and also assign zones from an account library of zones, which can be assigned to any client in the account. This is particularly helpful for standard exclusion zones such as schools, libraries, and shopping malls. Additionally, instead of drawing zones to create new inclusion/exclusion zones, the user can select from prebuilt zones, which are designated by state, county, or public school districts. The user can opt to receive alerts for zone entries and exits, regardless of schedules.

Exclusion zones are available with a minimum radius of 200 feet and an unlimited maximum radius. While location points can be tracked as frequently as once per minute or as great as once per hour, if the client enters an exclusion zone, tracking automatically accelerates to one point captured every 15 seconds for 15 minutes.

Onboard Zones. GPS 9 Plus contains onboard processing, so the device detects and records location violations regardless of the connection to the server. Should a client enter a restricted zone, GPS 9 Plus automatically reports an alert to the agency and activates an accelerated data plan that communicates data points once every 15 seconds. All events are date- and time-stamped.

The above image is an example of a circular on-board exclusion zone. Users can toggle between map and satellite view, as well as set the centralized address, additional buffer zones, alert notification parameters, and a description.

Prebuilt Zones. Instead of drawing zones to create new inclusion/exclusion zones, these prebuilt zones are designated by state, county, or public school districts. For instance, a sex offender can be excluded from all school districts in an area and can be confined to remaining in a county and/or a state, without the time-consuming process of drawing individual zones. Once added to an agency, officers can then assign the prebuilt zone to subaccounts as necessary and can be applied to a single client, multiple clients, or an entire caseload, potentially saving officers hours of work.

• Analytical reports customizable to the department's needs to include inventory, and client hotspots for crime analytics.

Operational Efficiency Reports. In addition, SCRAM Optix provides multiple reports that present data graphically in order to provide a complete view of details for operational efficiency. This information allows customers to make informed program management decisions based on accurate and current program statistics.

- **Alert Analysis Report.** This report provides a graphical breakdown of alerts that can be displayed by device monitoring type for the previous month, quarter, or year. This analytical resource provides customers with an efficient, time-saving tool by which to compare percentage of clients with violations as opposed to violations generated overall. Alert information is broken down by day of the week and each month of the year to help analyze client trends.

- **Client Breakdown Report.** This provides a graphical breakdown of clients by offense type, client type, and referring court. In this report, data is displayed for completed clients monitored by offense or offender type, or specific court, during the time period specified. Each monitoring type displays the total clients monitored, average monitoring days, compliance percentage, and average days to the first violation over the last month, quarter, or year.

- **Client Compliance Report.** Caseload management is simplified when data is straightforward and easily reviewed. This report shows daily compliance percentage per equipment type, providing number of clients monitored, number of violations by type, and average number of monitoring days. The report can be displayed by week, month, or year. Officers can accurately assess program needs and compare individual program statistics to the national average, by product types, providing customers a simple and effective means to easily analyze program strengths and weaknesses.

- **Inventory Breakdown Report.** This report provides a graphical breakdown of total equipment inventory by status, utilization percentage by month, and returned units (RMAs)

Inventory Breakdown
Jefferson County
Inventory by Service Type, Utilization % and RMA Trend
For: 9/17/2017

GPS Bracelet	269 Purchased Devices	30 Rental Devices	83 Lost Devices	230 Functional units on site In Transit	216 Net Commitment	14 Over / Under

Date Printed: 9/18/2017 8:09 PM (UTC)   FOR OFFICIAL USE ONLY - PRIVACY SENSITIVE   Page 4 of 5

broken down by type and month for a 12-month period. Officers can select any date and quickly view data by type, to assist in reconciling inventory records and establishing program trends for utilization and RMAs.
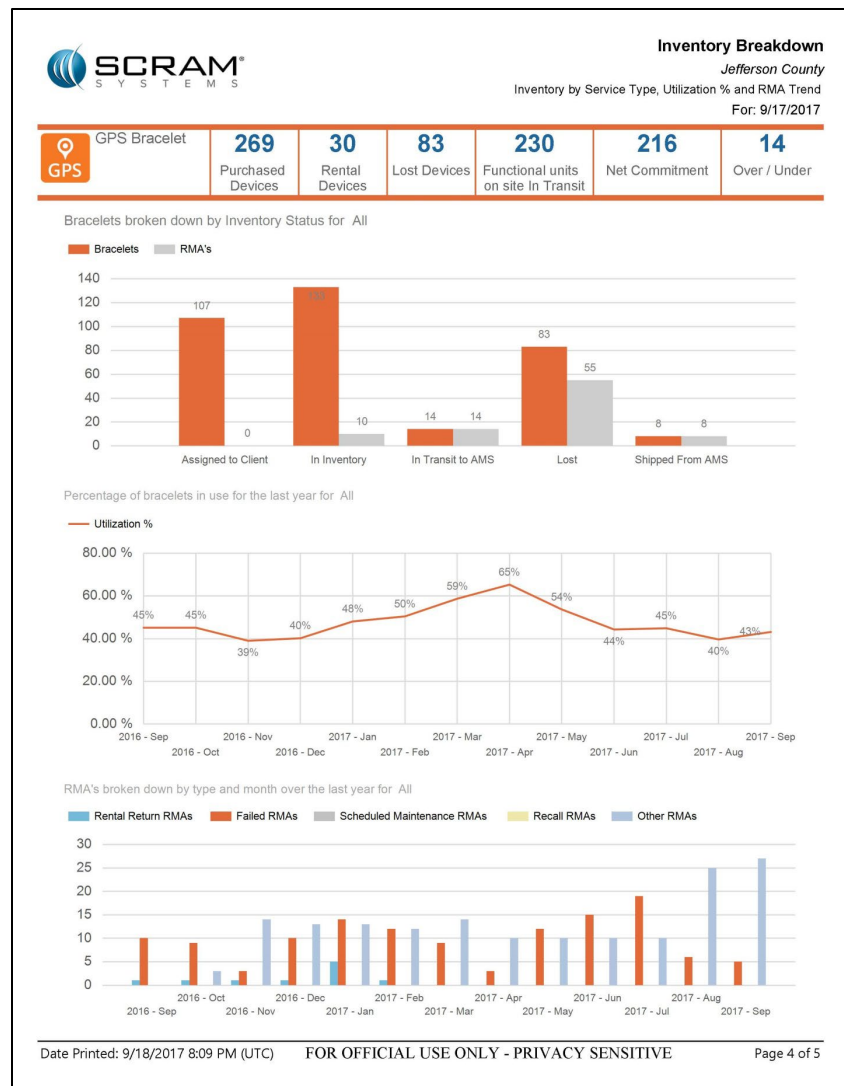
- *Access to archived reports to the department's needs for three-year time frame.*

The Department will have access to archived reports for at least three years; all equipment data is archived indefinitely for the length of the contract. Participant data is accessible online for a minimum of seven years after completion before it is archived/stored offline.

SCRAM Systems can provide the agency with a copy of all data via physical media or an electronic copy. The data can also be removed at the agency's discretion. SCRAM Systems works with each agency to determine how offender data should be handled should the contract end.

- *Minimum of six satellite tracking points to determine location.*

The GPS 9 Plus requires a minimum of six satellites to establish a navigation fix. However, it utilizes data from dozens of satellites to enhance accuracy and minimize drift points.

• Analyze up to a month of GPS points in easy to distinguish between stop and travel points, street, or interior views via internet providers such as google maps, internet explorer, google chrome, etc.

GPS 9 Plus combines exceptional accuracy with modern, street-level map views to put participants' movements in context and provide better supervision data. Maps are provided through Google and quarterly updates are automatically included. Five Google map views are available:

- The standard map views

- The standard map view labeled with street and landmark locations (businesses, schools, etc.)

- Earth View (showing an aerial image)

- Earth View with labels

- Street View (a panoramic street-level image)
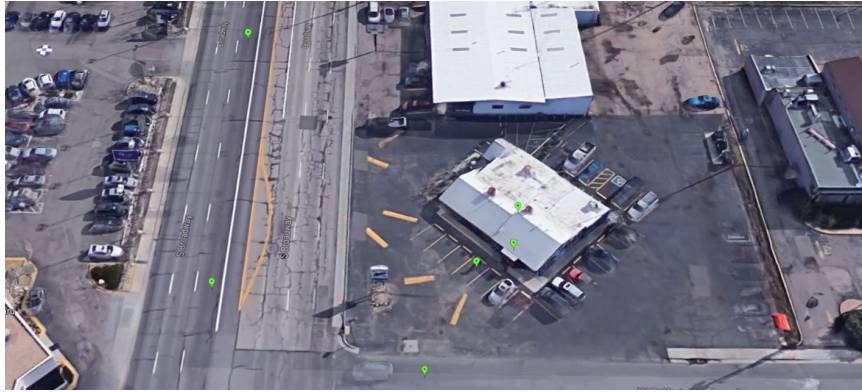
Satellite Map View

Street Level Map View

The GPS location point of the participant plots on the map with an icon. By clicking on the point, the officer can see the location date and time, nearest address, latitude/longitude coordinates, the participant's speed, and how the data point was acquired. Following is a progression of mapping views from satellite, street-level, and inside the building.

Our GPS 9 Plus mapping basics offer a comprehensive menu of point-by-point mapping capabilities, including:

Inside Building

- Point-by-Point Mapping

- Point-by-Point Details (Speed, Direction, Latitude/Longitude)

- Travel Route Playback

- Custom Timeframes for Viewing Points

- Locate Now

- On-Demand Pursuit Mode

- All Clients Last Known Location

- Multiple Clients Points Map

- Proximity Reporting

- Side-by-Side Client and Victim Mapping

- Zones & Points of Interest

- Google Map Integration
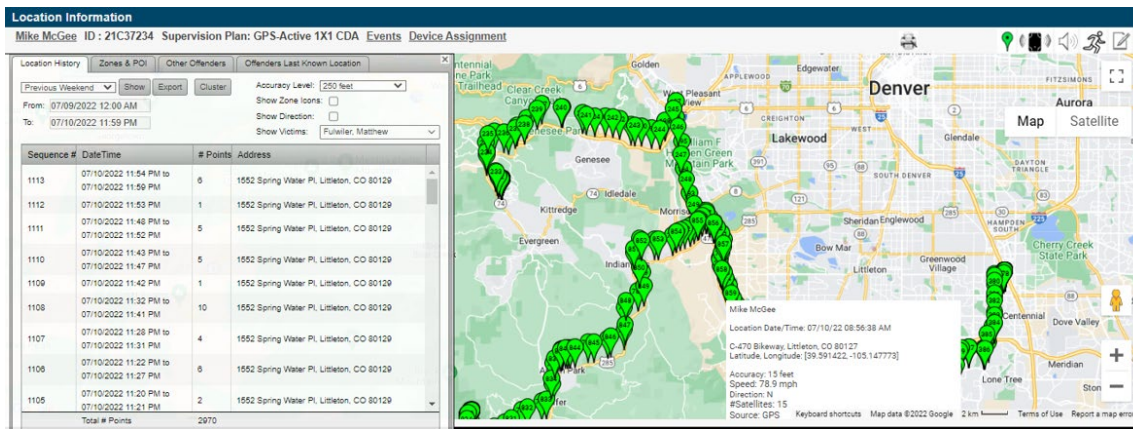
Locate Now. Initiating a Locate Now request prompts immediate contact with the GPS device, commanding it to provide a current location. Regardless of the last or next scheduled callback communication, officers can "ping" the device for immediate location information at any time. As soon as a location is obtained, the address is displayed and the client's whereabouts are immediately known. The Locate Now feature can be accessed from the software or any Internet-enabled device.
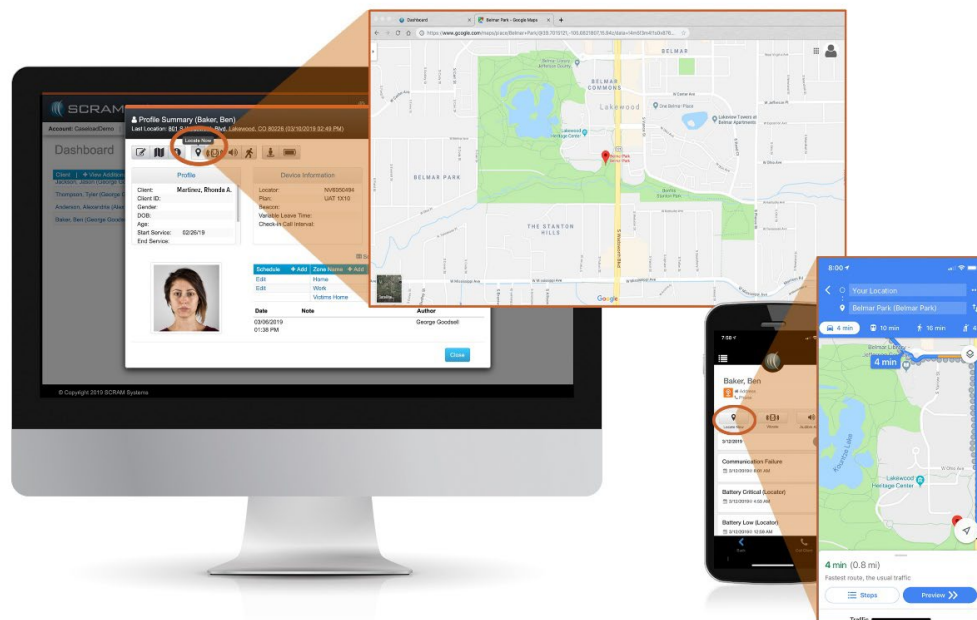
Locate Now allows an officer to "ping" a device through the software. It provides the officer with details of the client's current location, regardless of previous or next callback time, and can be viewed in satellite, aerial, or street view.

On-Demand Pursuit Mode. While the location of a client can be pinged at any time via the software to determine their whereabouts, GPS 9 Plus also offers automated, near real-time tracking with the ability to access GPS points multiple times per minute in a 15-second acquisition by 15-second transmission rate plan. Pursuit Mode is specifically helpful when attempting to apprehend or quickly locate a client in motion. This rapid tracking and accelerated calling can be manually activated or canceled by the officer at any time. When initiated, it automatically continues for 15 minutes, combining real-time tracking every 15 seconds with modern street-level mapping views to assist officers in quickly locating a client.
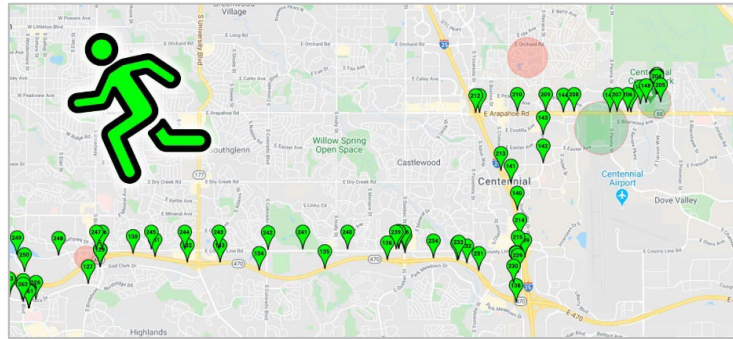
With the click of a button, officers can engage a transmission rate of one location point every 15 seconds to aid in offender apprehension.

Travel Route Playback. The software offers the most advanced technology to retrace travel routes from point-to-point, with the ability to watch the point move from one location to the next. As points are played back, users can choose to keep the points centered so that the most recently dropped point is always in the center of the map. Additionally, there is an option to keep the information window open to display additional information about the most recently dropped point, such as location date/time, address, latitude/longitude, accuracy, speed, direction, and the number of satellites per point. Travel can be observed in standard map or satellite view at three speeds and any zoom level. The user can also pause the playback, as well as skip to the next location.
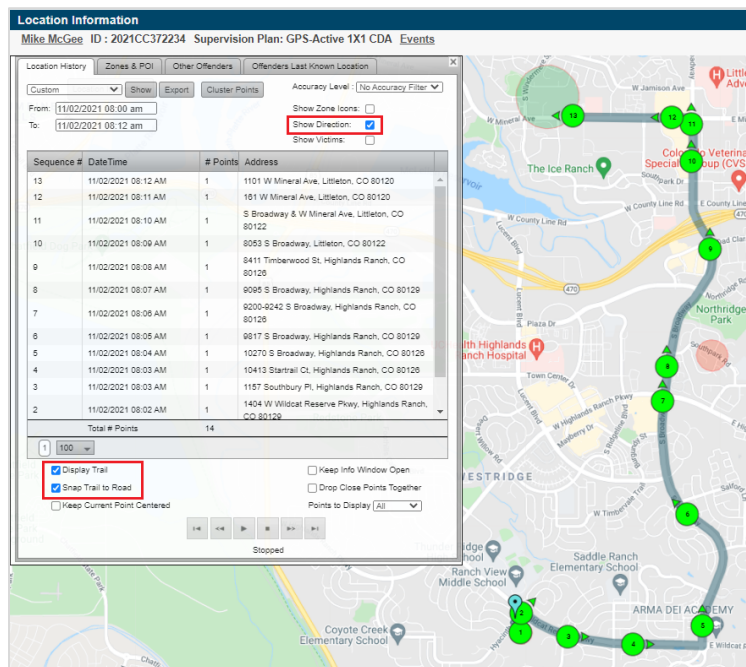
Multiple playback options help to provide clear travel playback detail, showing detailed Information for better monitoring.

Multiple Clients Side-by-Side View. View up to six clients side by side. Select a custom time range for one client and then select five other clients to map side-by-side. This view allows officers to see all points on the same map for that same time period. While this feature is part of point-by-point mapping, it can be used to get more detailed information from the Shared Location Analytics (discussed later in with our advanced mapping tools).

View Last Known Location. Officers can view the last known location of one client or all clients in a caseload with the click of a button.
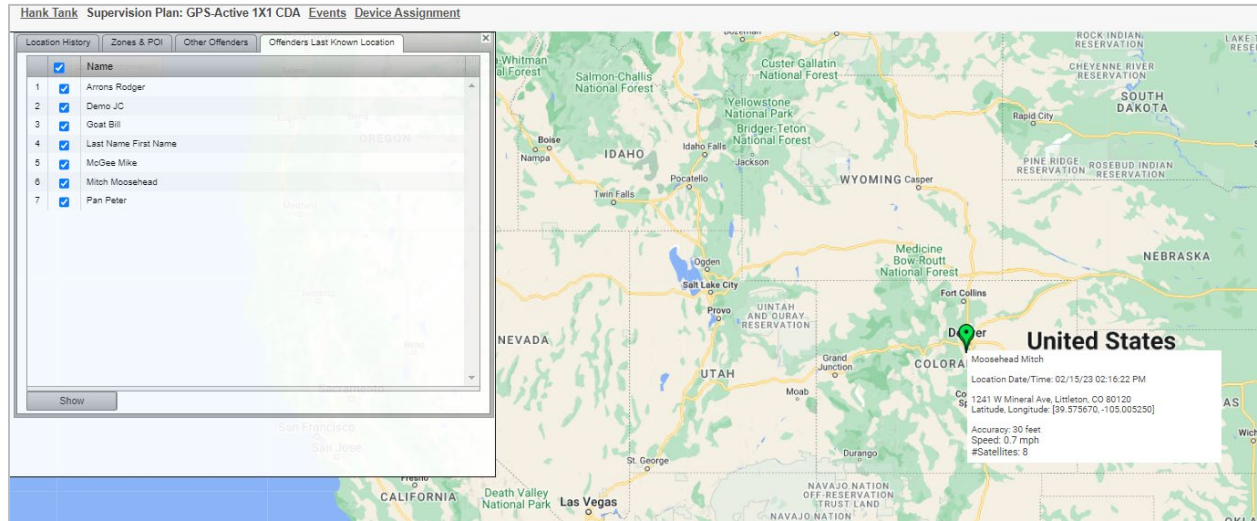
SCRAM GPS Analytics—Our Advanced Mapping Tools

SCRAM Systems' advanced mapping features are designed specifically for quick and easy data analysis. They simplify the 1,440 points generated per client per day and group them into a stop-by-stop analysis of activity. Analytics take point by point tracking to the next level, revealing layers of data as desired and transforming it into usable, powerful, actionable, real-time knowledge in seconds. Officers can start with a high-level, general view of all clients in an agency, drill down to select a region or officer caseload, access a specific client's activities, and then view precise details for each location point collected. These tools provide an unprecedented view of a client's—or a caseload's—behavior patterns in seconds. Our advanced mapping features include our first-in-industry Stop Patterns Reporting, our exclusive Patterns of Life Mapping, and our Shared Locations Reports.

Stop Patterns Reporting

Groups unidentified stops and travel points into simplified graph formats. By using travel route playback features, officers can retrace travel from point to point and identify stop/location patterns outside of any pre-defined zones within seconds. Reports showing stop patterns, stop locations, and shared locations show officers where a client stops, how long they stay at a location, and whether multiple clients were present at that same location. Using SCRAM GPS Analytics saves time and effort while delivering usable monitoring information in seconds. See unidentified locations and define those locations/zones, see charging patterns, and see new zones based on stop patterns.

Stop Locations. Officers can click on a stop location and immediately see whether it is currently a defined location such as work, home, or school, or is undefined. The location point includes the physical address, Google Street View image of that location, latitude and longitude coordinates, how the location point was acquired, and how long the client was at the location.
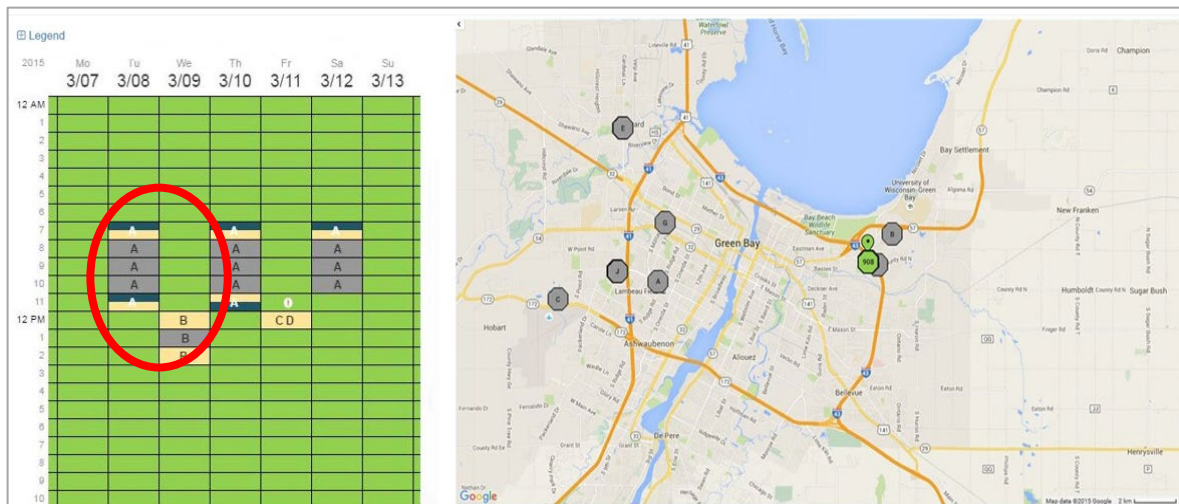
SCRAM GPS Analytics automatically plots points quickly so that officers have a snapshot of stop patterns and can identify concerning behavior patterns in seconds.

Stop Patterns Report. This report maps stop patterns outside of pre-defined inclusion/exclusion zones, which can be identified within seconds. The stop colors are included in the report so officers can quickly identify various stop types.

SCRAMNET | GPS

Offender Stop Patterns
Account: Jefferson County
Offender: Madeline Morrison
Date Range: 04/23/2017 - 05/02/2017
Min. Points at Location: 5

Printed by: Janet Jong

Date	Day	Begin	End	Duration	Location	Place/Zone	Alert
04/23/2017	Sun	00:00	23:59	23 Hrs 59 Mins	1884 Main Street, Green Bay, WI 54318	Home	
04/24/2017	Mon	00:00	12:41	12 Hrs 40 Mins	1884 Main Street, Green Bay, WI 54318	Home	
04/24/2017	Mon	12:42	13:34	0 Hrs 52 Mins	Travel	Travel	
04/24/2017	Mon	13:35	22:59	9 Hrs 24 Mins	830 South Street, Green Bay, WI 54302	Work	
04/24/2017	Mon	23:00	23:42	0 Hrs 42 Mins	Travel	Travel	
04/24/2017	Mon	23:43	23:59	0 Hrs 16 Mins	1884 Main Street, Green Bay, WI 54318	Home	
04/25/2017	Tue	00:00	9:49	9 Hrs 49 Mins	1884 Main Street, Green Bay, WI 54318	Home	
04/25/2017	Tue	09:50	10:03	0 Hrs 13 Mins	Travel	Travel	
04/25/2017	Tue	10:04	10:15	0 Hrs 11 Mins	6789 Hartfeld Way, Green Bay, WI 54318	Co-Defense	**Exclusion Zone Violation** - 10:04 AM
04/25/2017	Tue	10:16	10:26	0 Hrs 10 Mins	Travel	Travel	
04/25/2017	Tue	10:27	12:42	2 Hrs 14 Mins	1884 Main Street, Green Bay, WI 54318	Home	
04/25/2017	Tue	12:43	13:30	0 Hrs 46 Mins	Travel	Travel	
04/25/2017	Tue	13:31	22:38	9 Hrs 4 Mins	830 South Street, Green Bay, WI 54302	Work	
04/25/2017	Tue	22:41	23:28	0 Hrs 47 Mins	Travel	Travel	
04/25/2017	Tue	23:29	23:59	0 Hrs 30 Mins	1884 Main Street, Green Bay, WI 54318	Home	

Set report parameters to quickly identify client stop and travel patterns.
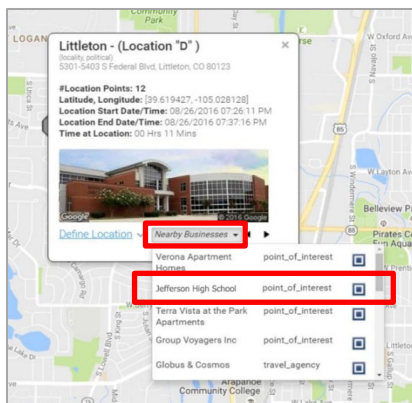
Defining a Location. If the location is unknown, a simple click on the "Nearby Businesses" link will show any business registered with Google within 150 meters of the plotted point will populate so that the location can be accurately labeled. A click on the image displays the Google Street View information window, which provides details about the location (such as the name of the business/location, address, phone number, website, and Street View images). All locations defined within GPS Analytics will be defined across all clients on their caseload so that officers will only need to define it once. If the location is known, officers simply click on the "Define Location" link and label the location.
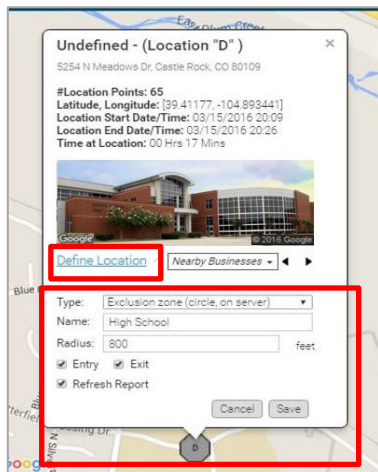
New Zones Based on Stop Patterns. Many officers like to adjust and add new inclusion, exclusion, or notification zones based on what they observe in the client's normal travel patterns. Through GPS Analytics, officers can quickly and efficiently drill down to a location of interest and have the option to define it as a known location (e.g., girlfriend's house), or create a new inclusion, exclusion, or notification zone, all from reviewing stop patterns identified by the software.
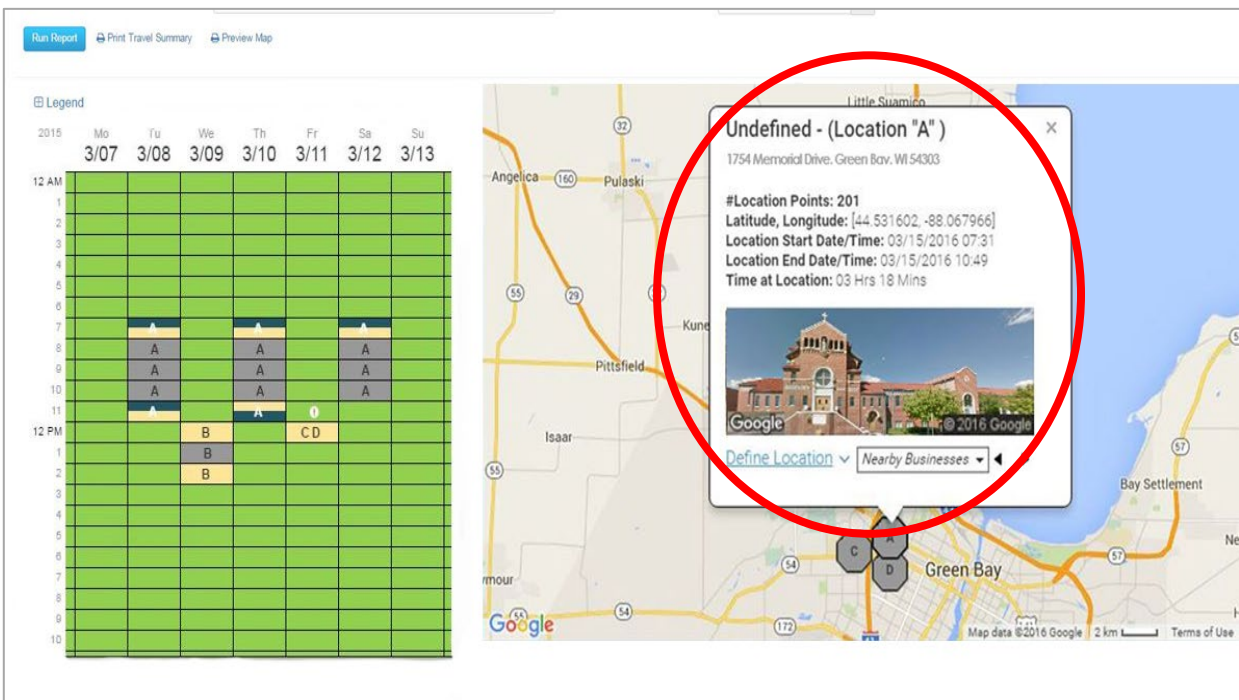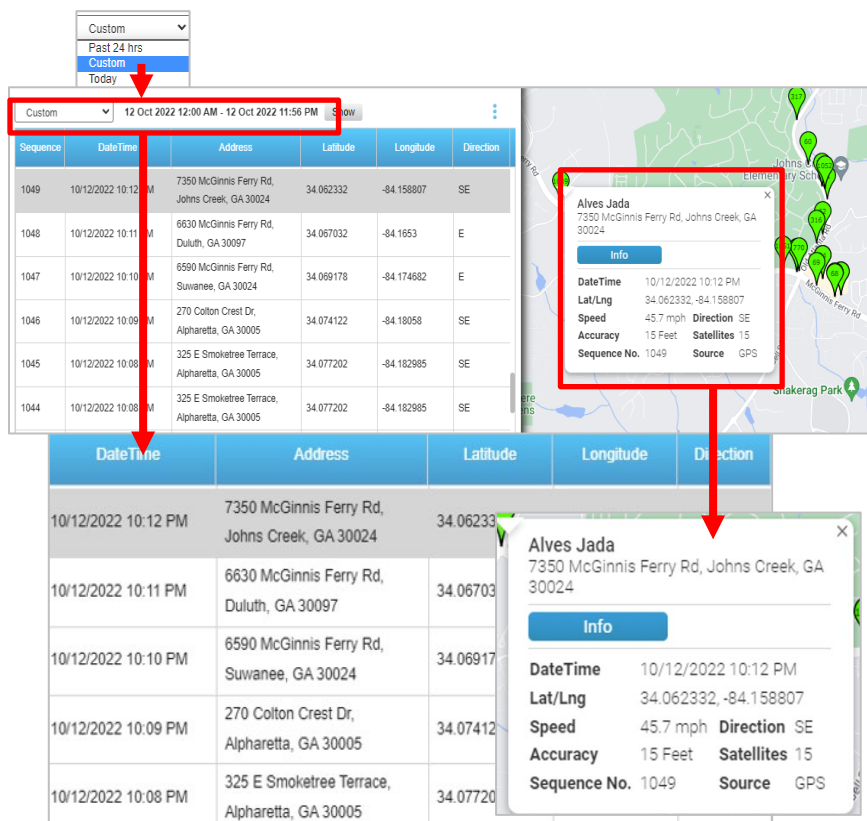
Zoom down using Google Maps to see exactly where the offender was and for how long

Pattern of Life Mapping

SCRAM's unique Pattern of Life (POL) analytics provide an even deeper level of detail on how and where clients spend their time. POL takes our Stop Patterns reporting and layers in the power, breadth, and depth of Google data, automatically identifying stop locations (versus manually identifying) and grouping those locations into 12 meaningful categories. This eliminates the need to zoom in or use street or satellite views to determine where a client has been. POL provides automated, unprecedented location detail, real-time data and information, multiple ways to search and view, and the ability to calendarize Stop behavior. Officers can display routine client patterns in seconds—for a single client or an entire caseload.

Google Integration. POL mapping layers Google data, mapping into our software. Location data is real-time and provides unprecedented details of any location.

Precise Location Point Detail. While our software offers the familiar traditional point-by-point mapping, officers can also pull up to 30 days at a time. When choosing to view details, officers can select a pre-defined time frame from the drop-down menu or create a custom view by inserting unique start/end dates to search. For each location point, the software shows a grid of date/time, address, latitude and longitude, and direction. In addition, the corresponding map shows a cluster of points that define speed, accuracy, number of satellites, and the source of tracking points for each point. The grid and the map can be used interchangeably; when an entry on the grid is selected, the corresponding location point is highlighted on the map automatically, whereas, if a location point is selected, the software automatically defaults to that entry on the grid. By simply clicking from one point to another, using the grid or the map, officers can review large amounts of data quickly. If a location point is an area of interest or needs further evaluation, it can easily be isolated to view individual details, switching back to the previous view with the click of a button. All data can be exported to a spreadsheet and the map.

Officers can drill-down to view location details, including date/time, address, latitude and longitude, and direction for any location point.

Display Routine Client Patterns. POL mapping identifies and highlights typical travel patterns and provides details of a client's individual specific location points, putting client travel patterns into context and making it easy to identify deviations from a client's normal travel behavior. This also provides vital information that aids in effective crime scene correlation.

Real-Time Data. POL defaults to a high-level caseload view that displays locations and activities in real-time, showing the last known activity for all clients. Quickly isolate and view data by selecting a pre-defined time frame or by designating a selected region or officer caseload. POL will automatically refresh every 90 seconds or can be manually refreshed as desired.

The category distribution grid on the left side can be manipulated to drill down to relevant details. For example, at 2:47 p.m., Home and Work categories are likely approved locations and can be removed from the grid, narrowing down the list of clients in potential violation.

Identifies and Categorizes Stops. POL groups and defines location points by categories, making it easy for officers to identify and analyze real-time, historical, and location-based data. For example, an officer would know in seconds if a client was at home or work, whereas a stop at a department store would be categorized as *Shopping* and a stop at an auto shop would show as *Services*. Each stop location provides detailed information including address, arrival/departure time, the number of times the client visited, and the total time spent at each location.
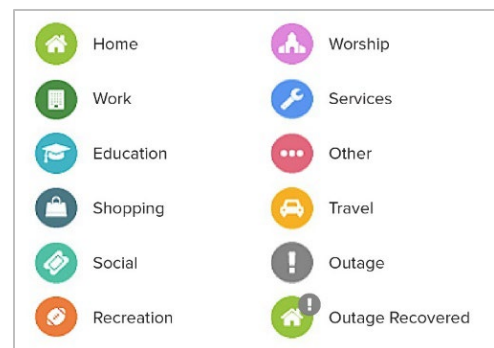
Calendarizes Stop Behavior. Quickly visualize how a client spends their time daily, weekly, or monthly and look for any irregular behavior.

- *Weekly and Monthly Patterns.* With simple navigation arrows, officers can separate any unusual activities and investigate details such as arrival/departure time, address, and time spent at each location to gain additional insights into a client's typical behavior. In the scenario below, all the data is logged for the entire week. By highlighing just the first category, it's easy to see that the client spent most of their time at home during the week, with a few short recreation and social outings on Wednesday and Thursday. Generating the same view for an entire month allows officers to easily assess typical patterns of behavior over longer periods of time.
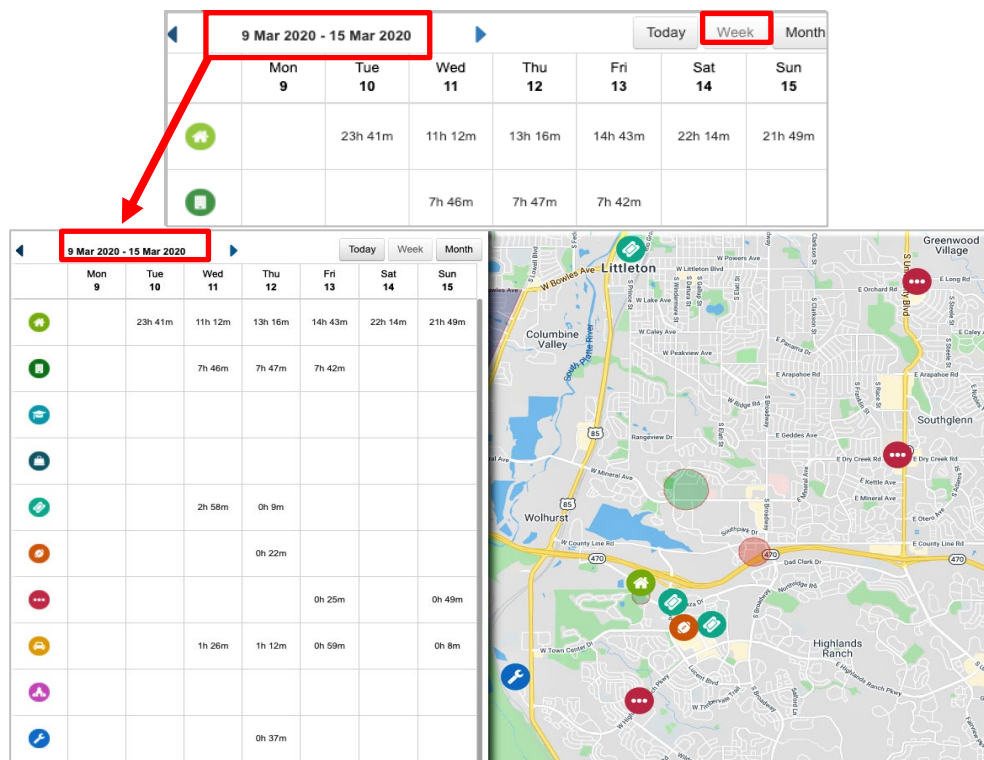
With POL weekly and monthly views, officers can quickly determine where a client spends most of their time. To assess patterns of behavior over a longer period, this report can also be generated to capture up to a month's worth of data.

Selecting any icon or location point (such as Starbucks in the following image) provides detailed location information and shows the travel pattern.
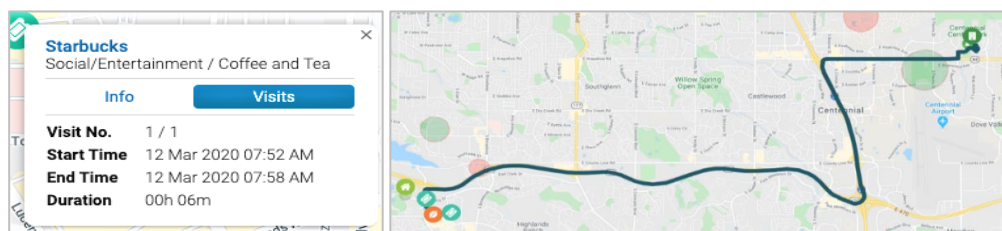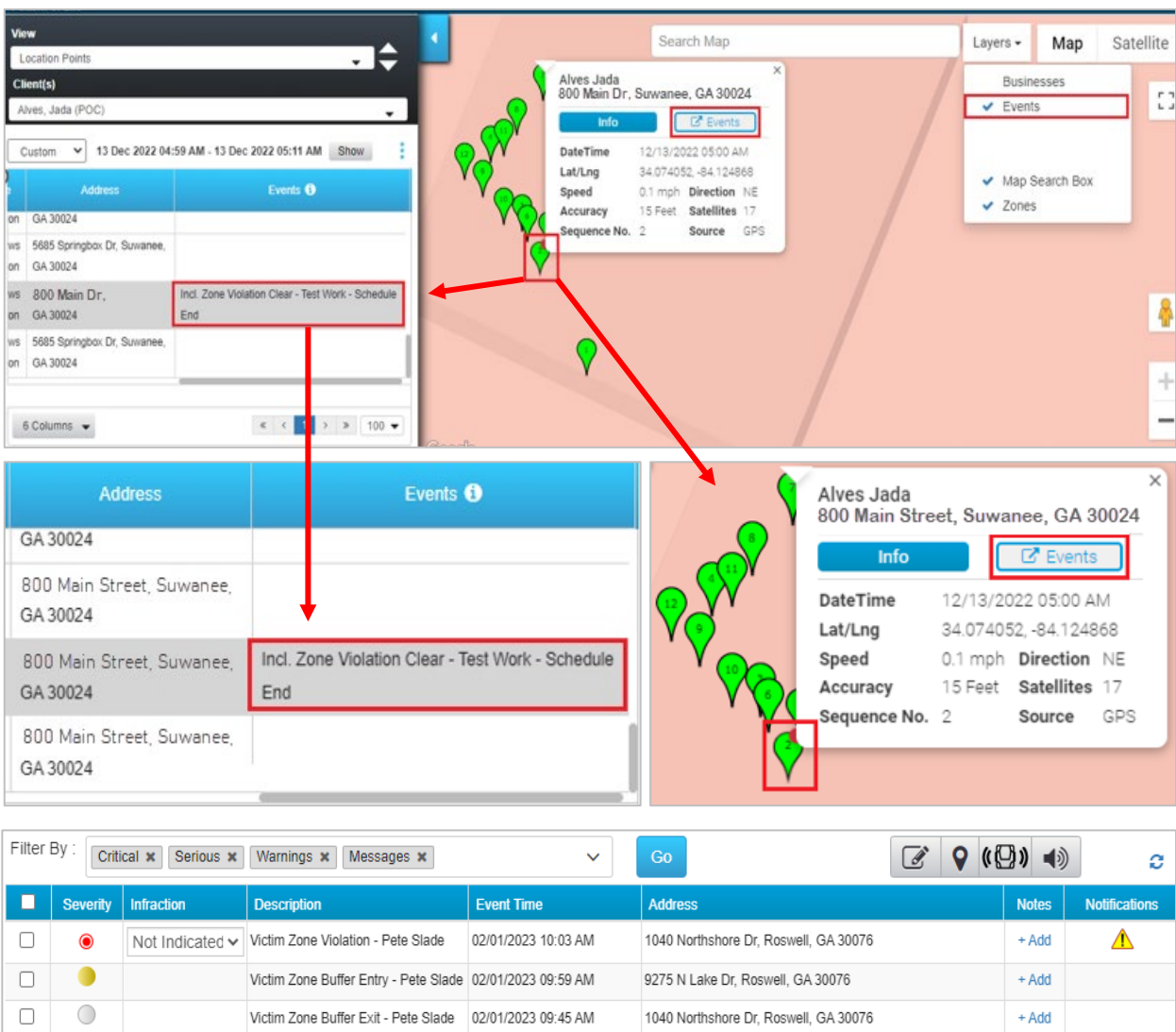
- *Daily Routine Analysis.* This view displays the client's daily activities in chronological order. Each activity shows the place name, address, the place name's activity, the start time, end time, and total duration. In just a few minutes, officers can view a client's daily patterns.

  - The Daily Activity Report allows officers to compare daily routine to monthly routines, establishing a baseline for typical behavior patterns.

		Monday, Oct 10, 2022
Western Union Agent Location	📍	12:28 PM - 12:34 PM
204 Wayne St, Ironton, MO 63650, USA		
Travel	+	12:35 PM - 12:38 PM
Iron County Sheltered Workshop	📍	12:39 PM - 01:18 PM
207 Pine St, Arcadia, MO 63621, USA		
Travel	+	01:19 PM - 01:36 PM
McDonald's	📍	01:37 PM - 01:41 PM
303 MO-21, Pilot Knob, MO 63663, USA		

SCRAMNET | GPS

Daily Activity Report

Account: POC

Date: 10/17/22

Time Zone: (UTC-06:00) Central Time (US & Canada)

Client: Jada Alves   Printed by: Ron

Client Id:	S8156	Supervising Officer:		Cell Phone:	
Date of Birth:	05/26/74	Risk Level:	Medium	Start of Service:	09/19/22
Gender:	Male	Program:		End of Service:	

Activity Routine on 10/17/22

	Percent of Hours
Home	30.1
Work	0
Education	0
Shopping	0
Social/Entertainment	0.4
Recreation	0
Other	0
Travel	0.1
Worship	0
Services	0.3
No location points	0

Activity Routine from 09/17/22 to 10/17/22

	Percent of Hours
Home	58
Work	0
Education	0
Shopping	10.8
Social/Entertainment	0.6
Recreation	0
Other	1.9
Travel	10.1
Worship	1.4
Services	4.8
No location points	0.7

Date	POL Category		Begin Time	End Time	Duration	Place Name / Zone Name
10/17/22	🏠	Home	12:00 AM	07:14 AM	07:14	Home ▬▬▬▬▬▬
	🚗	Travel	07:15 AM	07:16 AM	00:01	Travel
	🔶	Social/Entertainment	07:17 AM	07:23 AM	00:06	McDonald's 201 MO-21, Ironton, MO 63650, USA (Fast Food)
	🚗	Travel	07:24 AM	07:25 AM	00:01	Travel

The Daily Activity Report allows officers to compare daily routine to monthly routines, establishing a baseline for typical behavior patterns.

Multiple View Options. POL offers multiple ways for officers to view client and caseload patterns.

- *Account View.* This allows officers to quickly view every client in an account or agency.

- *Event Overlay View.* To further help analyze client activity, POL mapping includes the ability to overlay events on a client's map and show related actions taken for that event in a grid. The Department decides which layers are displayed on the map, selecting options from the GPS Analytics menu that includes businesses, events, map search box, or zones. In the example below, with Events selected:

   o The location point selected has a coinciding event and denotes the location marker with a red badge.

   o The corresponding details of the transactions taken for that event are displayed in the event column of the grid.

   o The Events option in the information window opens the Client Events Dialog, accessing additional details about the event including notes, notifications, and clear time.

The Client Events Dialog shows additional details about the event including notes, notifications, and clear time.
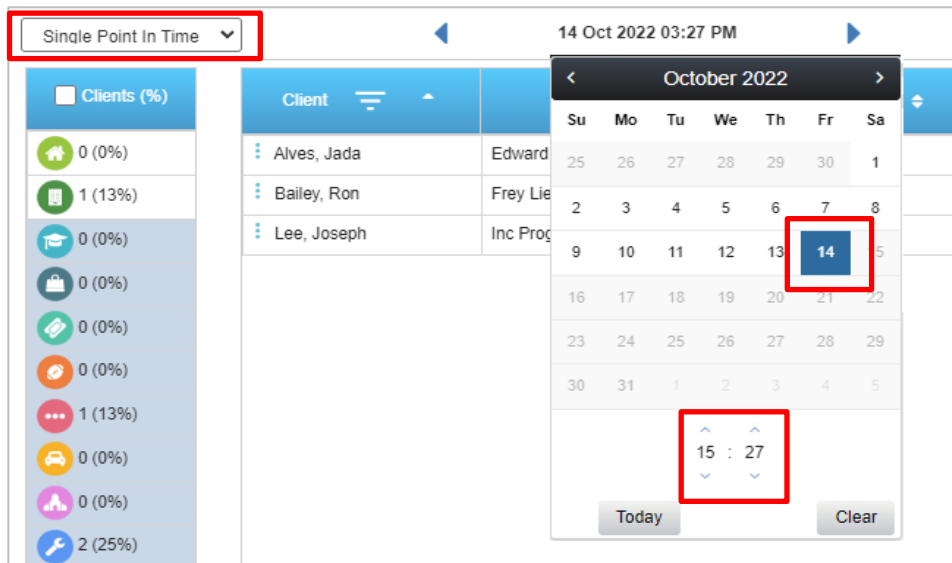
Multiple Ways to Search. POL provides multiple ways to search so that within seconds, users can access and analyze multiple views of behavior patterns.

- *Search by Client Name.* Views can be filtered at any level to isolate details. This is critical for crime scene correlation. The Department can filter by selecting client names and easily identify exactly which client(s) were at a specific location. Conversely, they can confirm whether a particular client (or group of clients) was definitively NOT in a particular place at that time.

- *Search by Point in Time.* The ability to isolate historical data by date and time is crucial for situations that involve a known event or a known date and time of a crime's occurrence, but the identity and names of possible clients is unknown. By selecting a pre-defined time frame, such as Single Point in Time, the software will show the locations of all clients at that specific moment. Simple right and left arrows allow navigation backward and forward in five-minute increments. To broaden the search, the Department can select to customize the search for all clients' locations with a specific start and end date, covering up to a 24-hour period.
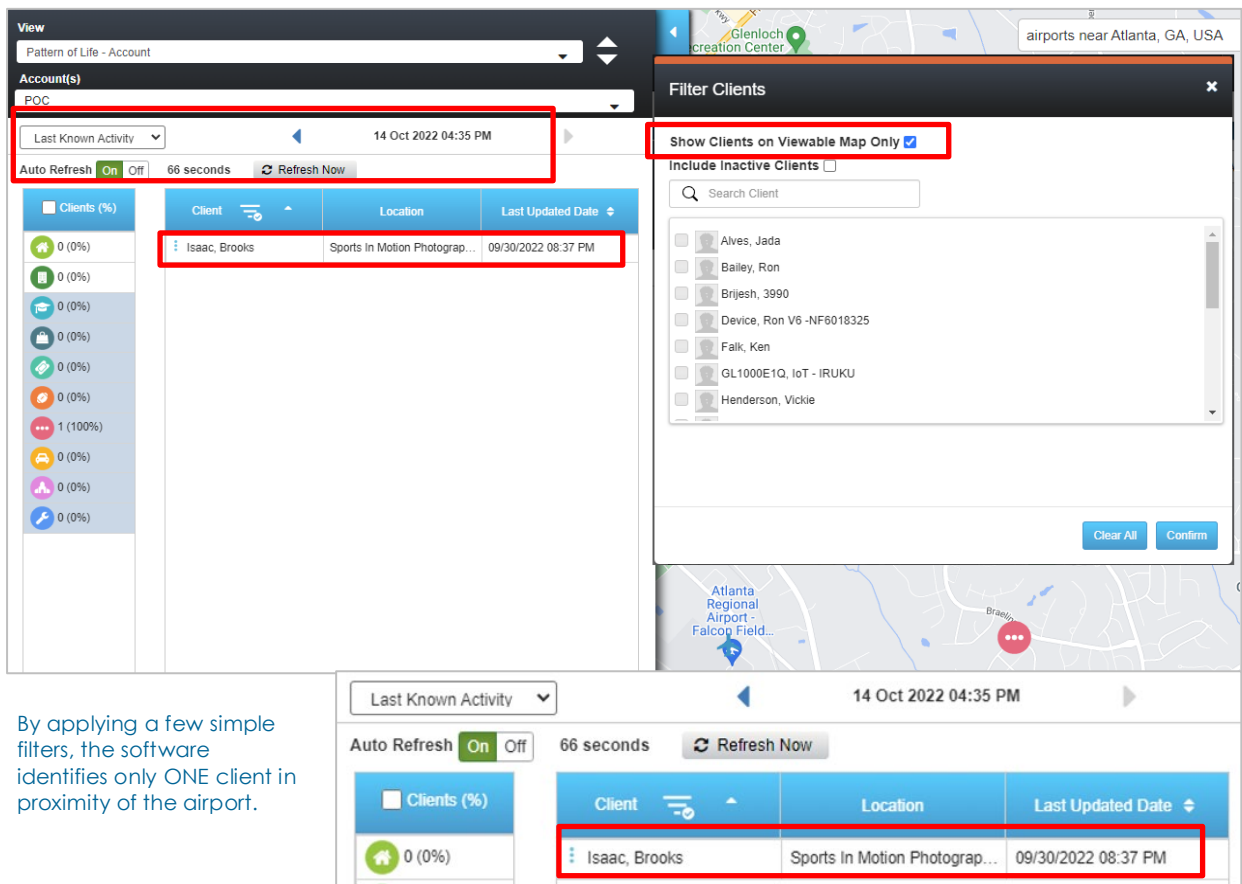
- ***Search by Area of Interest.*** Equally critical to GPS monitoring, certain situations require the tools to monitor potential areas identified as problem locations. The Department can monitor all client activity in a specific location on the map to perform a proximity search where an incident or crime has occurred. By inserting an address, a partial address, or a list of places, the software will depict icons on the map and help quickly identify locations.

  Software filter features isolate details to only show clients in the viewable map area. The client list automatically updates as the map zoom level and placement are adjusted. Once a client has been identified, our drill-down design makes detailed activity readily available for further analysis as needed.
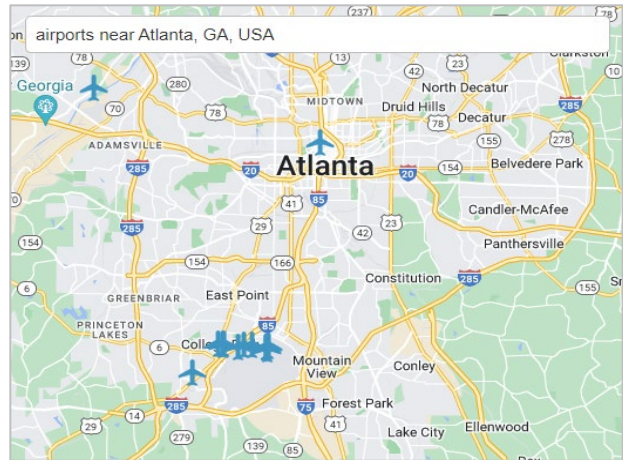
The map shows "airports near Atlanta" and quickly isolates an area of interest to help apprehend potential offenders or possibly prevent crime.

By applying a few simple filters, the software identifies only ONE client in proximity of the airport.

Shared Locations Report

Certain clients may be restricted from associating with each other while on GPS monitoring. The Offender Shared Locations Report can be used to identify when multiple clients visit the same location (whether at the same time or not), which may help identify parole violations, crime associates, or locations where criminal activity is taking place. With Google Maps, the officer can zoom down to street level and see a detailed view of the location. This report shows trends previously lost in the overload of data. SCRAM GPS Analytics allows officers to:

- See clients who shared a location at the same time.

- See clients who shared locations at a separate time.

- Search based on "amount of points at location" and "caseload."

Officers can select offenders, the minimum number of points at a location together, and whether they visited these points at the same time or at different times. When resting the cursor over the point, officers can see the number of clients that were present (in this case two clients), names, the total points together at that location, and the address.

Additionally, travel information can be accessed in the Multiple Clients Side-by-Side mapping view. This point-by-point mapping view (discussed in our Basic Mapping Features) allows officers to view the travel points between stops.

• GPS accuracy 6.5 ft. optimal conditions, within 50 ft. under normal operating conditions.

SCRAM Systems designed the GPS 9 Plus device to function in line with the U.S. government GPS Performance Standard of 95% confidence level, which means that under ideal circumstances, it demonstrates high-quality GPS accuracy to within three meters, providing accuracy that is comparable or surpasses all GPS client monitoring products on the market.

Our device uses both autonomous and assisted GPS (A-GPS) services to help ensure accuracy. A-GPS provides enhanced location ability and Time-To-First-Fix, which is especially useful when the receiver is in a location where it is difficult for the satellite signals to penetrate.

Additionally, the device uses Space Based Augmentation Systems (SBAS), including WAAS, EGNOS, MSAS, and GAGAN, to augment the Global Positioning System (GPS), to improve accuracy, integrity, and availability. SBAS corrects location drift that results from environmental factors that distort GPS signal transmission. The GPS 9 Plus requires a minimum of six satellites to establish a navigation fix. However, it utilizes data from dozens of satellites to enhance accuracy and minimize drift points.

Charging icons depicted as lightning bolts show officers when, where, and for how long an offender has charged the device. With hour-by-hour detail, officers have immediate access to charging details.

In addition to autonomous GPS, assisted GPS, and SBAS, it also has the ability to use up to three additional constellations. The device can be configured to select from additional global navigation satellite systems (GNSS) options that include GPS L1, GLONASS L1, Galileo E1, Beidou B1, and QZSS.

Satellite navigation devices supporting both GPS and GNSS options have more satellites available, meaning positions can be fixed more quickly and accurately, especially in built-up areas where buildings may obscure the view to some satellites.
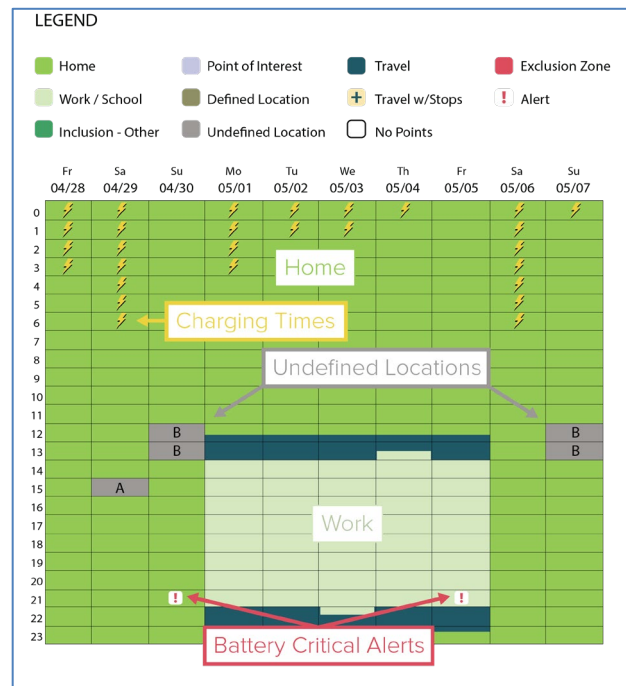
• Cloud based technology with no on-site servers.

GPS 9 Plus operates on a cloud-based platform and does not require any on-site servers.

• GPS system/software with readable reports regarding charging devices. These reports need to be able to let us know when the device starts charging and when it is disconnected. Device battery life indicator notifications and alerts. Charging history report for the past seven days.

Battery Indicators. The battery is internal and rechargeable, so there is no need for it to be installed or changed. GPS 9 Plus has LED lights that indicate when the unit battery is low, charging, or fully charged.

In addition to battery indicators built into the equipment, the software provides detailed charging information. Charging icons depicted as lightning bolts show officers when, where, and for how long an offender has charged the device. With hour-by-hour detail, officers have immediate access to charging details.

Charging Event Report. This report displays charging behavior for a selected client. It can span up to a 31-day window of time within the last 90 days. The "Report Summary" section displays the minimum, maximum, and average charge time as well as the number of charges during the report period. The "Daily Summary" section displays the minimum, maximum, and average charge time and the number of times charged for each specific day. The report also indicates whether a Battery Low or Battery Critical event was generated prior to plugging the device in. The "Charging Details" section indicates if the Fully Charged event was received and displays the total time from plugin to full charge.

● *Device and beacon tamper detections.*

The GPS 9 Plus bracelet sends an immediate strap tamper alert notification if the patented strap is cut or the backplate (which locks the strap into place) is removed. The backplate is one of the most robust tamper features in the industry. Participants often attempt to remove a strap undetected by releasing "locking pins," which can be difficult to visually verify. GPS 9 Plus's unique design requires a participant to break the entire backplate in order to remove a strap. During inspection, physical damage to the backplate is clearly evident because the design prohibits clients from reattaching the backplate once broken.

The SCRAM Beacon is equipped with multiple sensors that monitor and report when the device is unplugged or experiences a loss of power, any attempts to tamper with the outer-casing, and any communication failures that indicate an attempt to relocate/move the unit.

• *Automatic software updates*

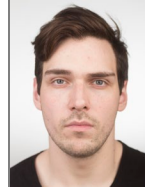The Department will always have the latest version of our web-based software.

SCRAM Systems understands the importance of continuity in monitoring and is committed to providing timely communication and support for all software releases to ensure seamless monitoring, as well as abiding by all applicable standards and procedures.

To provide the best service to our agencies, software upgrades may be scheduled as necessary. Before any update is promoted to the application, SCRAM Systems enacts Automated Testing, Unit Testing, and Customer Service User Acceptance Testing. If the upgrade requires any system downtime, these upgrades are pushed during the least busy hours to ensure that minimal disruption, if any, is felt to our customers.

SCRAM Systems has automated processes in place to be notified any time there is an outage, whether planned or unplanned. Should SCRAM Systems experience unplanned server downtime, our servers have redundant backups so monitoring is typically not affected except for the rare occasion when data might be delayed posting in software. In this instance, notification is made directly to the customer contact personnel and a follow up email is sent.

From: noreply@scramsystems.com [mailto:noreply@scramsystems.com]
Sent: Wednesday, May 03, 2017 2:20 PM
To: Officer Johnson
Subject: Critical Alert for John Jacobs

Critical Alert for John Jacobs

Offender:	John Jacobs
Account:	Jefferson County
Event:	Device Tamper
Time of Event:	05/03/17 02:20PM
Risk Level:	High
Home:	
Cell:	(303) 785-7879
Work:	
Location:	1241 West Mineral Avenue, Littleton, CO - USA
Zone Name:	
Zone Address:	

IV. Mobile Access for Users

• *Access mobile application from any device, real time reporting, automatic notification via SMS & Email (secure cloud-based system). Multiple monitoring levels: available via the software- no equipment change required.*

Mobile Access to Software. SCRAM Systems software is mobile adaptive, making it easy to view on any smartphone or tablet. With client profile information at their fingertips, officers can:

- Resolve priority alerts in the field.

- View battery status.

- Pinpoint a client's location at the time of an alert.

- Get turn-by-turn directions.

- Access a street-level view of the alerts in question.

- View the last known location via Google Maps.

- Allows for device assignments in the field.

Automated Alert Notification. For each violation or event, the system can be configured to provide automated notification by email or text, as well as a daily notification summary outlining the activity of the previous day.

All GPS alert notifications can be customized to meet the preferences of the Department. The alerts are immediately sent directly to the server and can be simultaneously sent to supervising officers. For each violation or event, the system can be configured to provide notification by email or text and

a daily notification summary outlining the previous day's activity. Additionally, the software generates an alert if the device 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. When an alert is generated, notification is made according to the Department's protocols.

Secure Cloud Base. SCRAM Optix meets the highest industry security and data redundancy protocols, while eliminating hardware maintenance and hosting overhead. It is also compliant with industry standards such as ISO.

Multiple Monitoring Levels. Location points can be tracked as frequently as once per minute or as great as once per hour. On a 1x10 rate plan, the Department will get 1440 points in a 24-hour period (1 point per minute) or 60 points per hour. If the client enters an exclusion zone, the device's onboard intelligence automatically transmits an alert to the officer and begins to capture points every 15 seconds for increased visibility and continues at the accelerated tracking rate until the client leaves the zone. It can also be triggered manually at any time (whether in violation or not).

- *Application should be both Android / Apple Smartphone compatible.*

The monitoring software can be accessed from any web-enabled device.

V. Client Mobile Check-In Capabilities:

- *Client Mobile app with remote check in software technology.*
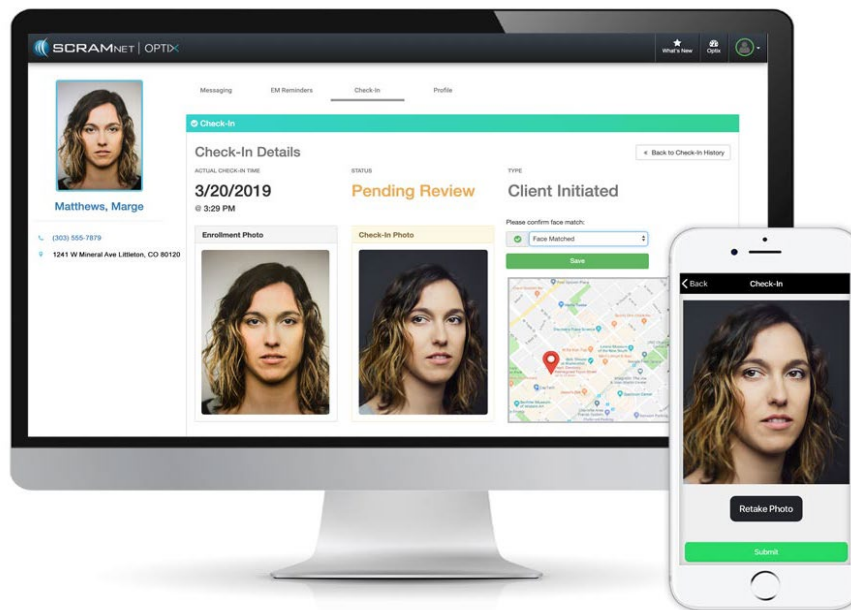
SCRAM TouchPoint

SCRAM TouchPoint is a client-facing mobile application (app) that enables officers to effectively manage pretrial, probation, and parole clients. With secure and stored messaging, configurable mobile phone check-ins, automated reminders, and document management, SCRAM TouchPoint streamlines the most common interactions with clients, saving officers significant time per client per month—helping them to focus on tasks and alerts that matter most.

SCRAM TouchPoint integrates seamlessly with existing SCRAM electronic monitoring caseloads. It can

also be used as a standalone tool for community supervision. Clients can download the app through both iOS and Android stores.

Remote Client Check-In. Officers can schedule check-in/self-report times or trigger an on-demand location check to ensure clients are where they are supposed to be. Clients must answer a series of questions selected by the officer and verify or submit updates on key information such as current residence, employment, and contact with law enforcement. A photo is taken and recorded.

Used as standalone monitoring or to supplement current electronic monitoring, SCRAM TouchPoint enables clients to complete scheduled or on-demand check-ins right from their smartphone.

GPS Monitoring. Officers will receive a GPS point with every check-in to verify the client's location, giving officers additional insight into the client's response. Officers can then immediately act if the client is not in compliance.

Locate Now. This functionality provides an on-demand single location point. It can be used at any time and displays the current approximate location of the client's smartphone. It's a valuable tool when an officer needs to verify a location or for a client that has cut off their GPS device in an attempt to abscond.
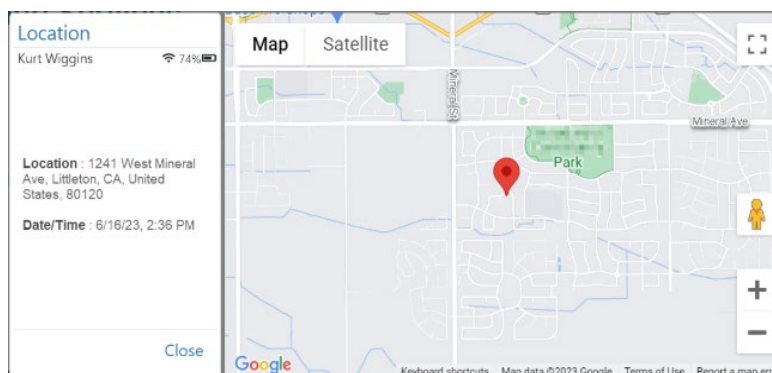
The Locate Now feature is an on-demand single location point that will display the current location of the client's smartphone.

Two-Layer Client Verification Process. TouchPoint provides two layers of client verification to help ensure accuracy and to reduce circumvention attempts. Prior to completing a mobile check-in, the client is required to provide a passed fingerprint or face identification (biometric verification) as supported by their mobile phone. Then, built-in facial authentication software automatically reviews and compares the client's check-in photo to a library of matched photos to verify their identity with 98-99% confidence.

Officer Dashboard. The software displays the officer dashboard providing 24/7 access to client detail and check-in results, such as:

- Recorded date and timestamp of client check-ins and confirmation of facial verification or failure.

- Confirmation of biometric recognition or failure.

- Client updates of key information and clear identification of missing responses.

- New documents flagged for officer review.

- Missing GPS location or biometric verification.

Date & Time ↓=	Facial Recognition	Results	Status	Type
2/5/2020 @ 2:31 PM	Face Matched	No GPS Location / Pending Photo Review	Resolved	Client Initiated
2/5/2020 @ 2:19 PM	Inconclusive Image	No GPS Location / Pending Photo Review	New	Client Initiated
1/5/2020 @ 1:03 PM	Inconclusive Image	Responses to Questions / Pending Photo Review	New	Client Initiated
12/13/2019 @ 9:54 AM	Inconclusive Image	Pending Photo Review	New	Client Initiated
11/27/2019 @ 1:24 PM	Inconclusive Image	Pending Photo Review	New	Client Initiated
10/14/2019 @ 10:30 AM	Inconclusive Image	Responses to Questions / Pending Photo Review	New	Client Initiated
9/23/2019 @ 3:51 PM	Face Match in Progress	Pending Photo Review	New	Client Initiated
8/2/2019 @ 3:23 PM	Cannot Determine	Pending Photo Review / Responses to Questions	In Progress	Client Initiated

Secure, Real-Time Messaging. TouchPoint's secure messaging facilitates effective two-way communication between officers and clients. This empowers officers to communicate with clients in real-time without having to disclose their own mobile phone number. Other features include:

- **Read Receipts.** Officers know when clients open and view messages.

- **Mass Messaging.** Officers can simultaneously send a message to all or a portion of their caseload. This functionality is beneficial for mass communications such as monthly billing/invoice distribution, weather-related alerts, office closures, surveys, staff illness, etc. Officers save time by using this efficient way to communicate the same message to large groups of clients.

- **Multi-Layer Notifications.** This consists of internal alerts (within the app) and external push notifications. The client is constantly being apprised of when a new message has been received

from their supervising authority.

- **Communication Management.** With saved transcripts, shared messaging permissions, and printing capabilities, it's easy for officers to manage client communications across caseloads.
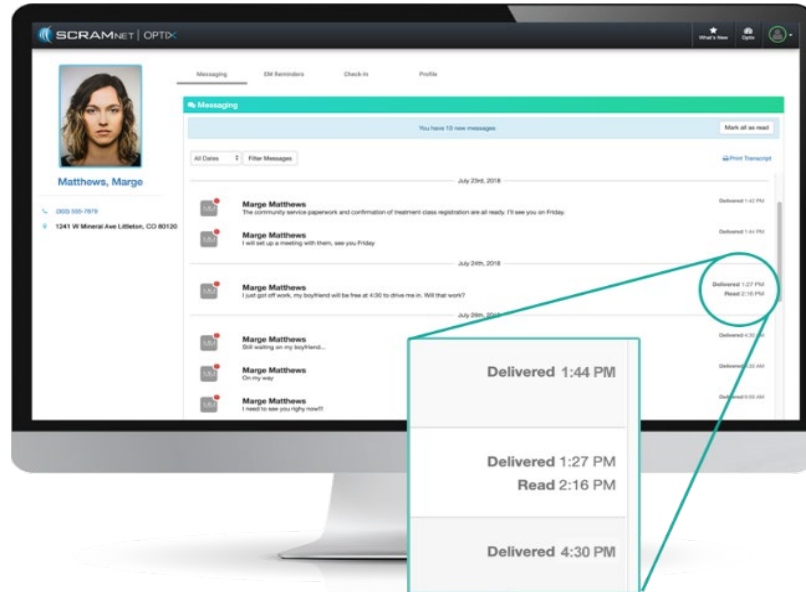
Officers receive confirmation when messages are read.

Automated Electronic Monitoring Reminders. For those using SCRAM CAM, Remote Breath, and GPS electronic monitoring devices, SCRAM TouchPoint automatically notifies clients about routine maintenance activities for their electronic monitoring device, such as reminders to charge their device or to contact their officer. Read receipts are provided to confirm the reminder was received.

With automated reminders, clients will be more apt to comply with routine electronic monitoring requirements and successfully complete their activities. This allows officers to focus on more important tasks instead of spending time on unnecessary follow-up.
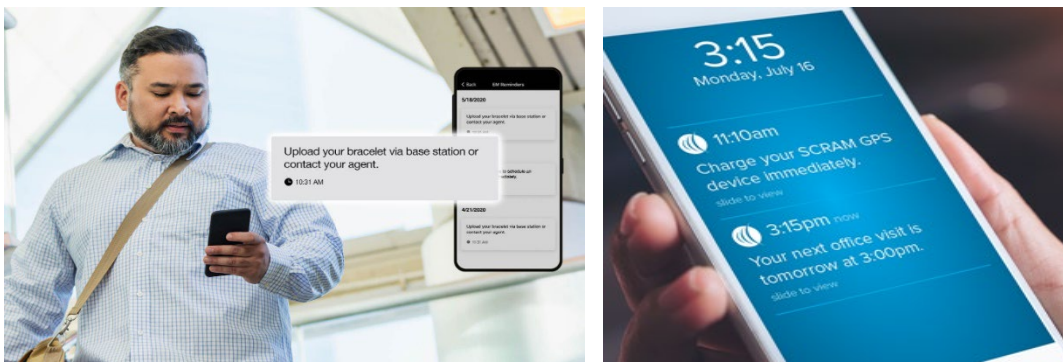

Automated reminders to clients allow officers to spend time on priority tasks.

Document Management. Clients can upload photos of documents, such as a driver's license, paystubs, proof of housing, and more. Officers can share documents such as scans of paperwork detailing changes in the client's terms of supervision, invoices, court orders, and drug test results. Officers can share a document and request an electronic signature from the client.

Resource Sharing. Officers can share resources through TouchPoint for easy client access. Some common client resources that can be uploaded and housed in TouchPoint include participant forms, list of public defenders, treatment centers, job interview tips, and crisis assistance. Having links and documents readily available eliminates the need for officers to search for and locate this important information, ultimately saving time and increasing efficiency. This gives officers more time to focus on their clients and caseloads while removing cumbersome busy work.

Video Conferencing Capabilities. SCRAM TouchPoint can support the initiation of any video platform by sending an link to the related service to help community corrections departments communicate with clients face-to-face, safely and effectively. TouchPoint can be used with any platform—including GoToMeeting™, Microsoft® Teams, Zoom, and more—so departments can continue using their web conferencing software of choice. Depending on the platform's capabilities, officers can perform scheduled or on-demand video meetings to increase efficiency and minimize face-to-face contact. Also, officers frequently use video conferencing technology to connect with clients for virtual office visits, quick check-ins, or as a follow-up to any remote client activity an officer may have concerns about.

Billing and Collections. SCRAM TouchPoint's integration with AllPaid's secure, single-source payment platform removes the need for manual billing and collections. With paper invoices, manual bookkeeping, and keeping records up-to-date, client billing and collections can be a time-consuming process. With SCRAM TouchPoint's the Department can easily generate invoice notifications through the app and clients can pay their bill online—saving officers time while increasing collections.
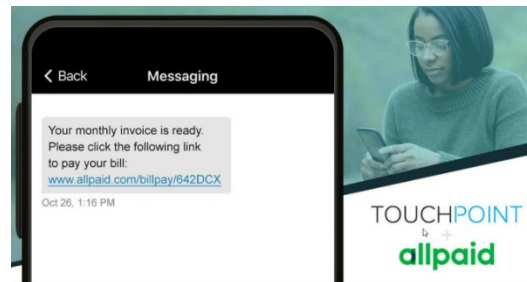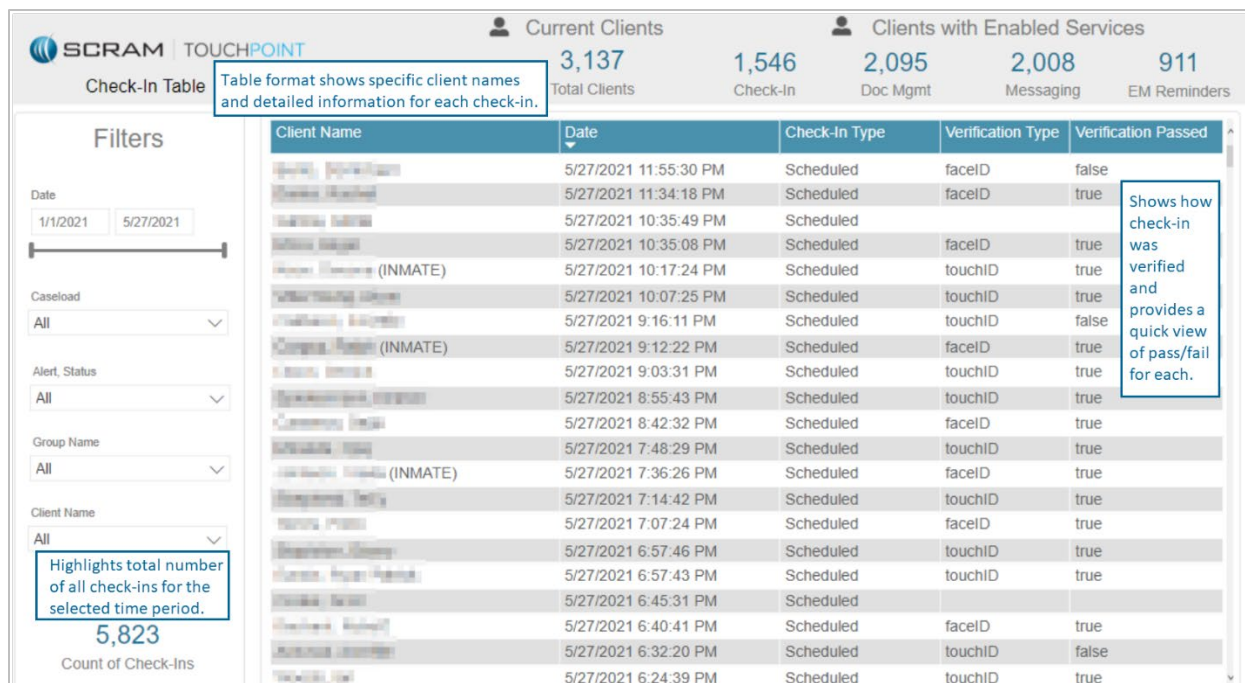
TouchPoint Integration. Information can be programmed to flow between TouchPoint and the agency's Case Management System (CMS) via a mass upload of clients and/or an Application Programming Interface (API).

Reports. Department personnel can review program highlights or drill down to find specific client data. All check-in details are available via reports that can be filtered by such fields as date range, specific caseload, group, client, or alert status. SCRAM TouchPoint Reports feature report headers, filters, charts, detailed summaries, and easy to view mapping displays of client check-in data. With 24/7 access to reports, officers remain informed and are readily able to summarize high-level program information or drill down to detailed client data. All reports can be viewed, printed, or exported as needed. The Department will have access to reports that provide a high-level overview of performance of its SCRAM TouchPoint program:

- **Check-In Overview.** Provides the total number of active TouchPoint clients, as well as a breakdown of clients by TouchPoint-enabled services. The reports can be further filtered by a specific caseload, question group, and/or client name. Officers can "drill down" into the check-in data for a specific time period, as well as see client, date, and time information for that check-in location.
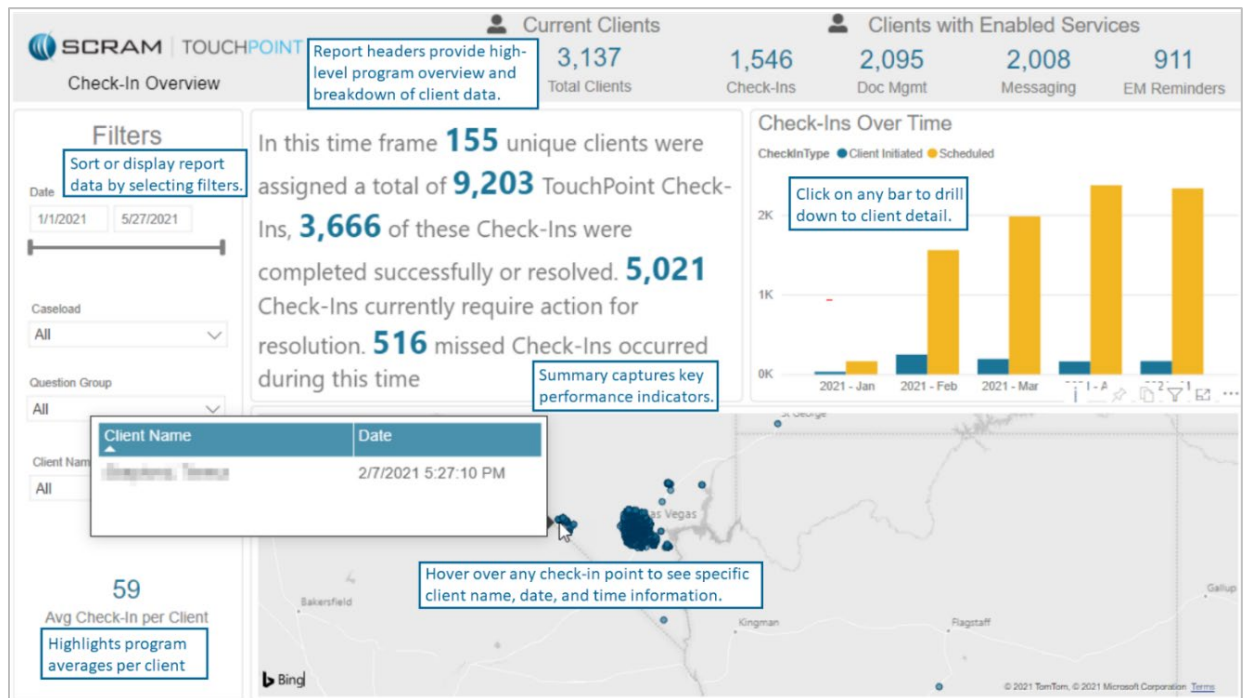
- **Check-In Table.** Provides the total number of active TouchPoint clients for the time period chosen, as well as a breakdown of clients by TouchPoint-enabled services. It is similar to the Check-In Overview but presents the data in a table format rather than on a chart. This report also displays the verification method used by the client's smartphone and whether the check-in passed verification.

- **Check-In Heat Map.** Provides a visual of the geographical locations of the greatest concentration of TouchPoint check-ins (as determined by location services on the clients' smartphones). This report can be filtered by date range, specific caseload, alert status, and/or group name.
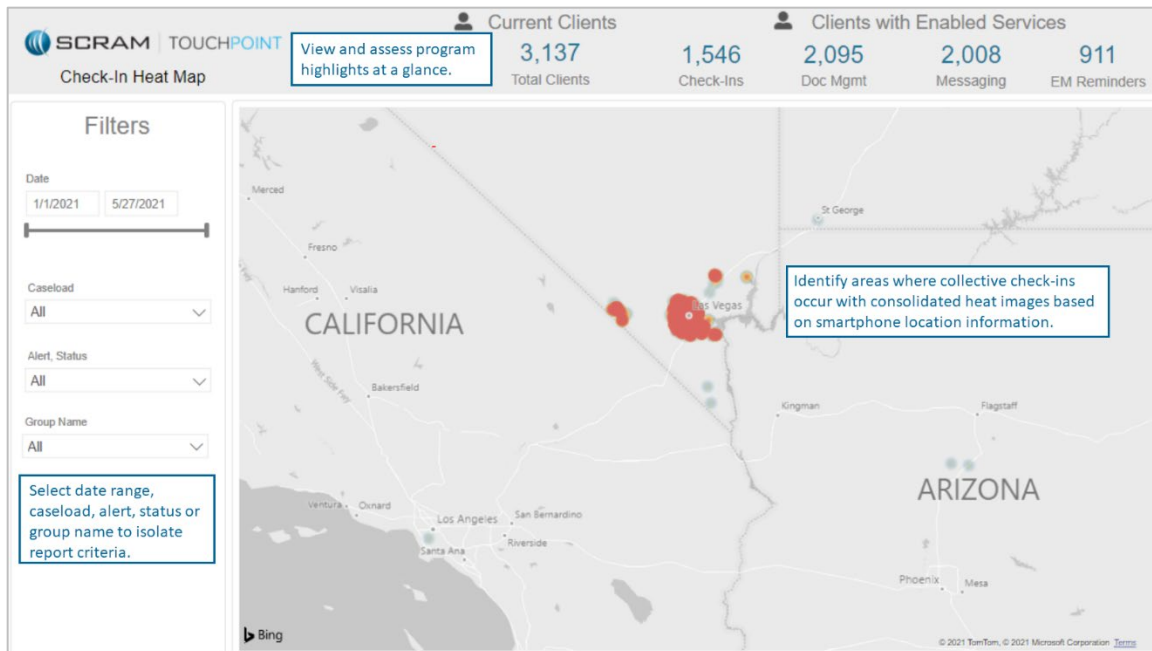
SCRAM Ally

SCRAM Ally, our victim notification mobile application, provides notification to a victim or protected party when a GPS offender is in proximity, has entered a location that the victim deems important (e.g., home or work), is no longer being monitored, tampers with the device, or engages in other actions that warrant notification. The app works in conjunction with GPS 9 Plus to ensure both the victim and the supervising authorities are notified. The application can be used to monitor a victim who has multiple offenders or for situations in which multiple victims have the same offender.

Whether the Ally app is used to monitor one or more victims, the victim is not required to carry a secondary device, GPS or otherwise. The Ally app only needs to be installed onto their own Apple or Android smartphone, providing a simple and familiar way to maintain tracking. SCRAM Ally allows location data to be sent to the GPS 9 Plus server and identify if the GPS offender enters prohibited proximity zones. Features and benefits include:

- Reliable and accurate victim location information using GPS, Wi-Fi, and the smartphone's location services

- Proximity alerts to the victim via email, text, or push notification.

- Ability to send the victim additional notifications like low battery, tamper alerts, or

zone violations.

- Configurable victim mobile zone radius.

- The system is secure and private—only correlating location information to the designated GPS offender. It will not permanently store any victim location tracking information.

- Panic button calls 911 or custom emergency number.

- Proximity display allows officers to compare offender and victim locations.

- Tracking automatically reverts to Pursuit Mode if victim zone is breached or panic alert is activated.

- Easily installed on the victim's personal phone—no separate device needed that can be forgotten, lost, or needs charged. Available on both Android and iOS platforms.

Victim App Features

Easy Installation. The SCRAM Ally app is quickly installed on the victim's Apple or Android smartphone with no extra equipment required. App download and installation instructions are sent directly to the victim via a victim-provided email address. Once the victim authorizes the required permissions, the panic button and all relative SCRAM Ally features are enabled and installation is complete.

Communication. Data is transmitted to and from the GPS 9 Plus software, allowing the app to use the victim's location services and securely correlate tracking information for the designated GPS offender. The app uses GPS, Wi-Fi, or cellular triangulation to collect a GPS point from the victim's charged smartphone once every minute and sends proximity alerts directly to the victim via push notifications.

Home Screen. Victims can view current alerts, as well as dial 911 or a custom emergency number using the panic button via the home screen. A My Location button displays the smartphone's current location with address, latitude/longitude coordinates, and surrounding zone area. SCRAM Ally's intuitive design ensures victims have access to important information immediately.

My Profile Screen. This screen provides the victim with important account details such as the phone number assigned, the zone radius of the designated GPS offender, the name of the primary agency managing the GPS offender, and convenient, quick links to the terms and conditions as well as the SCRAM Ally user guide.

My Location Screen. Displays the victim's current location information, including victim zone radius, address, and latitude/longitude coordinates. Victim location is not permanently stored, providing extra security.

My Assigned Individuals Screen. Displays the following optional information if checked during set-up: the GPS offender's end of service date, the next court date, and the name of their primary agent.
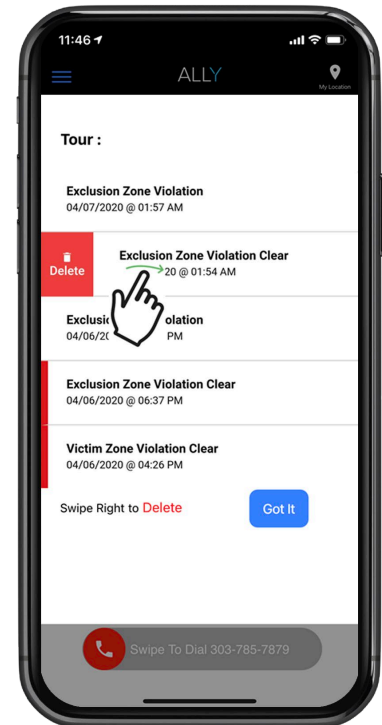
Victim Management

Victim Zone Violations. Officers can easily oversee victims' management using the GPS 9 Plus software. A victim zone violation is determined by comparing the location of the offender to the location of the victim.

- Victim location information is determined by data from SCRAM Ally. The data is derived from the

smartphone location service once the victim's smartphone application is active and turned on, allowing SCRAM Ally to communicate with the system for data transmission.

- Offender location information is obtained through an active and assigned GPS 9 Plus ankle bracelet, which transmits data from the bracelet to the Optix software. The offender must be on a 1 x 1 supervision plan for the process to work appropriately.

- The Victim Moving Zone radius is a required setting in the GPS 9 Plus software. It determines the proximity between the victim and the offender, triggering an alert if the offender's GPS bracelet enters the zone.

- Buffer zones can be created around the Victim Moving Zone to generate a warning notification to the victim and the officer if an offender is close to the zone.

- Victim and offender location points can be seen on a map in the Optix software and are compared based on the preconfigured radius.

- Notifications are sent by email, text message, and push notification.

Pursuit Mode. In Pursuit Mode, SCRAM Ally sends a location point every 15 seconds instead of once per minute. This can be useful to monitor situations where the client is in proximity to the victim. Pursuit Mode is started automatically on the victim's SCRAM Ally app and the offender's GPS 9 Plus device when the following alerts occur:

- Panic Button Pressed: This will start Pursuit Mode for the victim who pressed the button, as well as all offenders associated with the victim.

- Victim Zone Violation: This will start Pursuit Mode for the victim whose zone was breached, as well as the offender who breached the zone.

Officers can view and take action on alerts and/or violations.
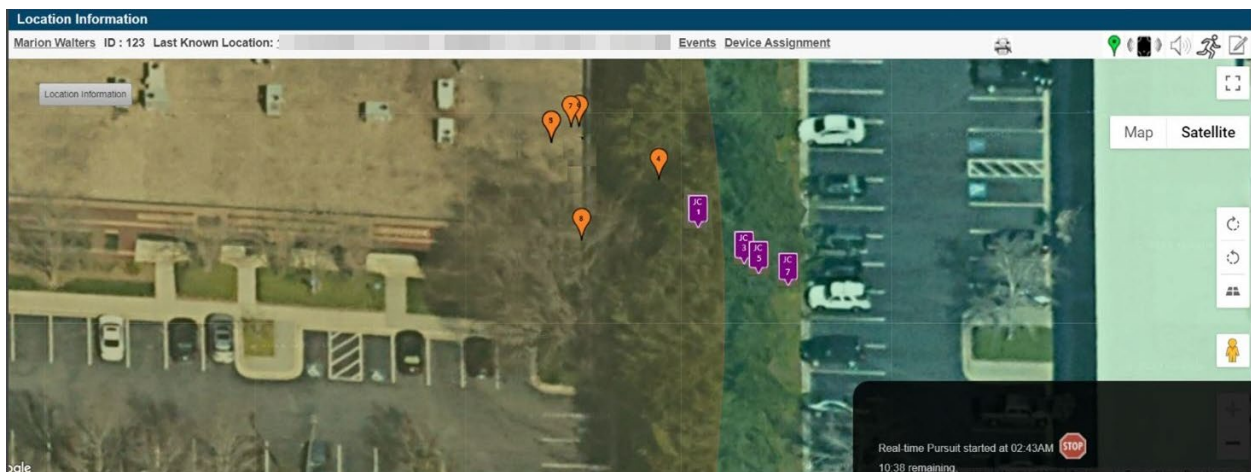
Both SCRAM Ally and the offender's SCRAM GPS device send a location point every 15 seconds while in Pursuit Mode. Location points from both the offender(s) (orange) and the victim (purple) can be seen on the Location Information page in the software.

44

Status Icons. Supervising officers and monitoring center personnel will find an icon to the right of the GPS offender's name that indicates that a victim has been associated with that GPS offender in the system. The icon can be displayed in three colors, which indicate the status of the victim.

( )	( )	( )
Victim has no open alerts/events	Victim has an open alert/event	Officer follow-up needed to complete registration/assignment

Placing the mouse over the icon will explain the color currently being displayed (see the following image).
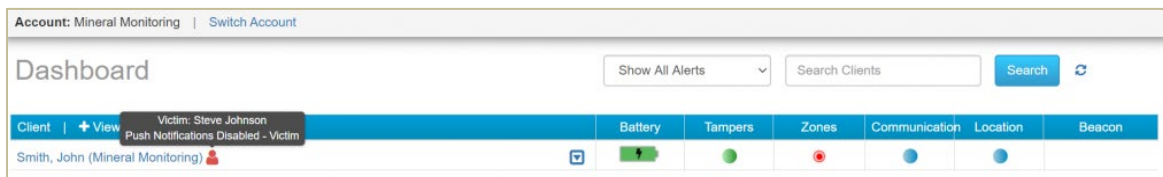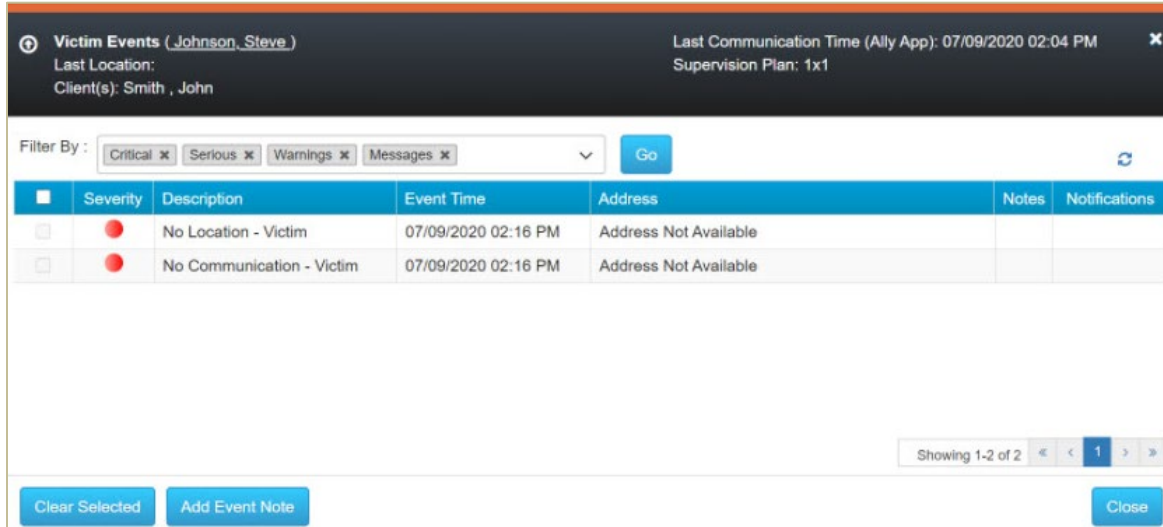
GPS Offender Map. At any time, supervising officers can access the GPS offender's map to view the current distance between the offender and victim. The victim's location appears in purple in the following example, while the GPS offender's location appears in green.
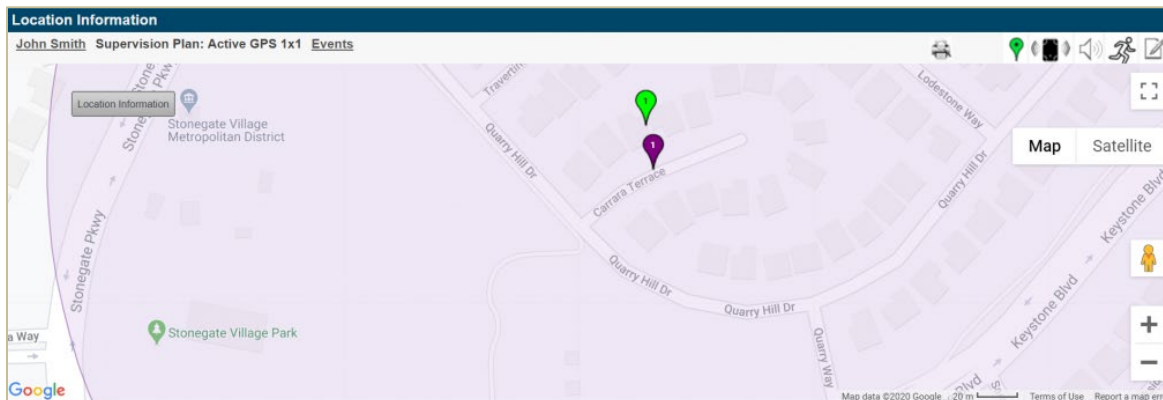
Victim's Last Known Location. Officers can select the Show Victims check box to display the victim's last known location while viewing the offender's last known location on a map.
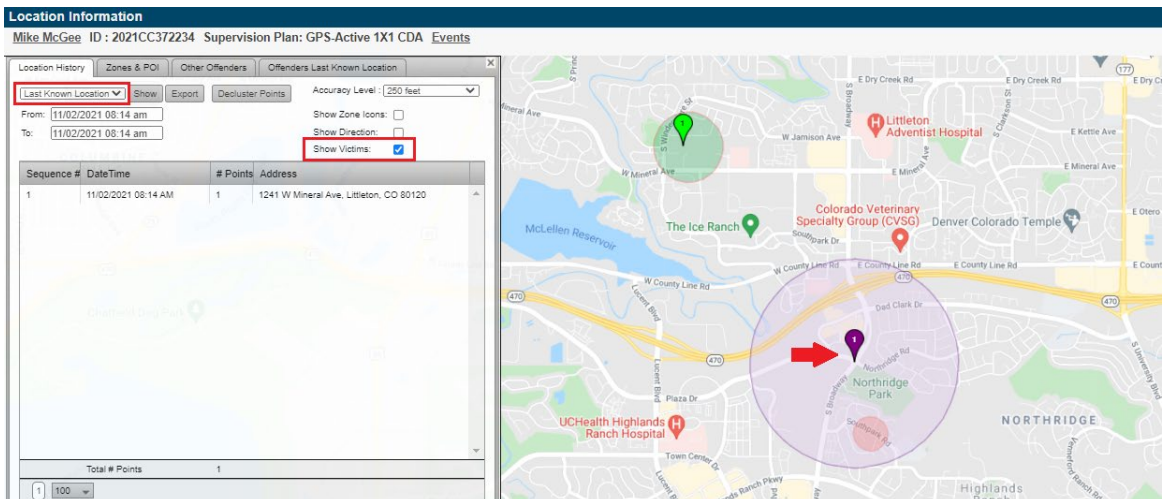
Victim Events. Officers can view a list of open critical alerts, serious alerts, warnings, and messages related to the victim. From this screen, individual or group alerts can be viewed and cleared. Additionally, notes can be added to all victim events.
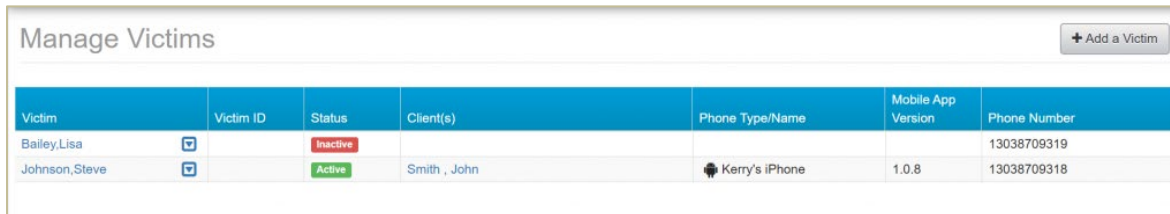
Manage Victims Page. All victims added in GPS 9 Plus are listed on the Manage Victims page.
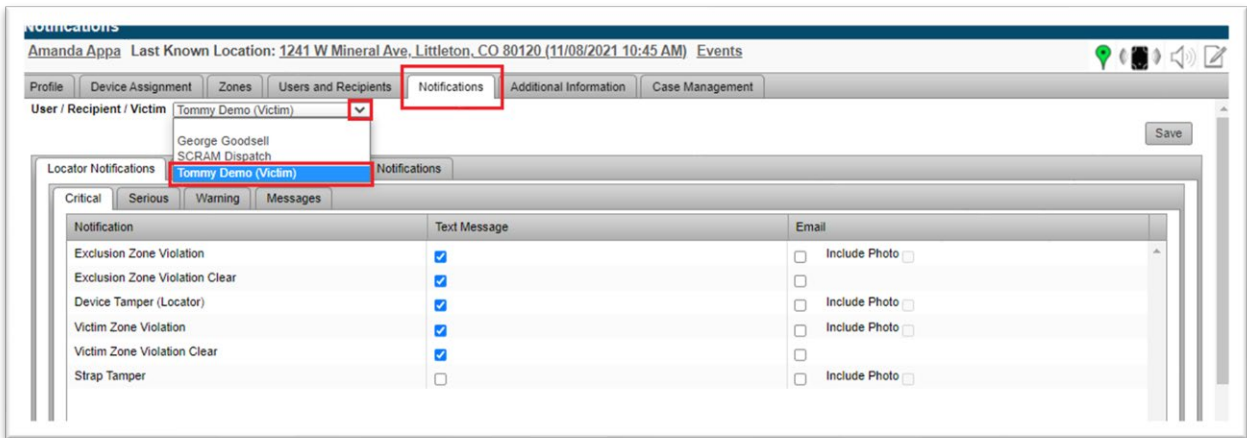
For each victim, the following information is available to the officer:

- Victim: The name of the victim and a link that accesses the victim's profile information. Notes and open alerts related to the victim are also accessed here.

- Victim ID: Optional identification designation entered in the system.

- Offender(s): Name of all offenders who have been associated with the victim. Each name is a link that, when clicked, accesses that offender's profile information.

- Phone Type/Name: Icon that represents the type of smartphone in which the SCRAM Ally app is installed. The name displayed is what the victim has entered as the name of their smartphone.

- Mobile App Version: Number of the version of SCRAM Ally that is currently installed on the victim's phone.

- Phone Number: The victim's smartphone number.
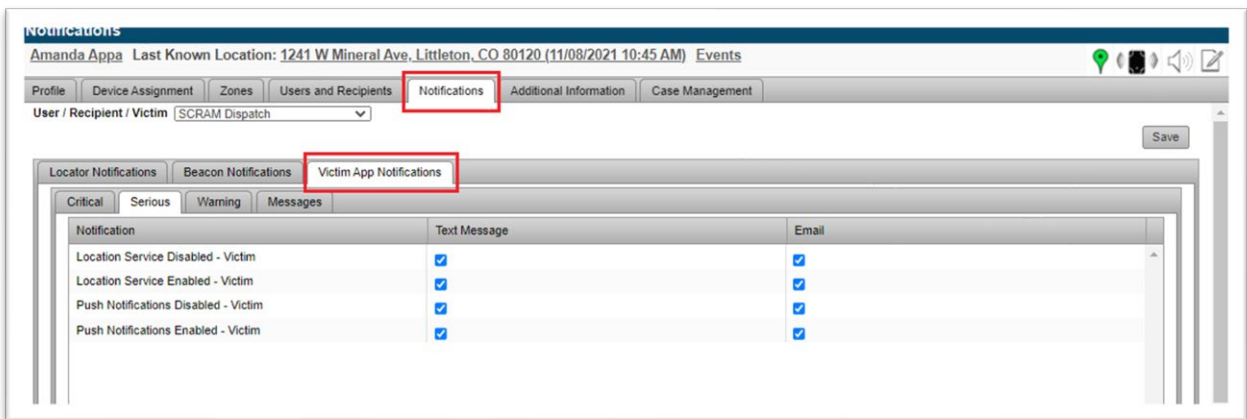
Notification Settings. Through the officer-facing software, victims and other recipients can set notification on events and alerts from the SCRAM Ally app. Officers can select a specific individual in the drop-down list to view the notification settings in each offender's Profile page.

Offender Generated Events. To ensure that victims only receive relevant notifications, officers can customize each victim's notifications, as shown in the following image:

SCRAM Ally App Events. Victims and other recipients can be notified on events and alerts from the SCRAM Ally app via text message or email. These events include Panic Button Pressed; No Communication – Victim; Communication Restored – Victim; No Location – Victim; and Location Restored – Victim.

Reports. An Ally Event Report will compile all victim-related events. These events are also available in the Event Report and include the following:

- Battery Low – Victim
- Battery Low Clear – Victim
- Panic Button Pressed
- No Communication – Victim
- Communication Restored – Victim
- No Location – Victim

- Location Restored – Victim
- Location Service Disabled – Victim
- Location Service Enabled – Victim
- Push Notifications Disabled – Victim
- Push Notifications Enabled – Victim

SCRAMNET | GPS

Ally Event Report
Account: Product Marketing Test
Date Range: 11/01/21 - 11/01/21
(Timezone) - Mountain Standard Time

Account : Product Marketing Test

Sort By : Victim > Date Occurred

Printed by : Matt Fulwiler

Victim	Date Occurred	Message	Location	Status	Cleared By	Date Cleared	Clear Message	Notes
Fulwiler , Matthew	11/01/21 10:12AM	Panic Button Pressed - 303-785-7879	1241 W Mineral Ave, Littleton, Arapahoe County, CO, United States, 80120	ACTIVE				
	11/01/21 08:39AM	Communication Restored - Victim		CLEARED	System Update	11/01/21 08:39AM	Event autocleared	

VI. Training and Technical Support

• 24/7 access to local technical support

Technical Support

The Department will be supported by a dedicated regional sales manager and account manager, both located in Texas, who will take full responsibility for account support, training, and program development. The account manager will provide onsite training and technical support as needed.

In addition, SCRAM Systems offers a 24/7 monitoring center. Each team member goes through 316 hours of operations training as well as ongoing training and certification.

24/7 Monitoring Services. Our customer support brings together everything from supporting our entire product line to our best-in-industry court support program, 24/7 customer support, client compliance analytics, and beyond. It's what sets us apart from all other electronic monitoring companies. Standard monitoring and support include:

	24/7 Support	• Real-time response to questions about client activities, equipment, alerts, and notifications • Live agents accessible 24/7 via phone, email, or web • Secure, web-based access to client data. Secure PIN access available via phone. • 24/7 alert generation and analysis performed by a live agent • Multiple redundant servicing locations and staff located across the country • Bi-lingual agents and language translation services
	Quality Assurance	• 90% of inbound calls answered in less than 20 seconds by a live agent • Cloud-based phone system for inbound and outbound calls • High-availability support platforms and analyst-to-customer communication tools • Inbound and outbound call tracking and recording for quality assurance and retrieval • Highly skilled and certified support staff with frequent ISO-compatible training
	Flexible Reporting	• Real-time reporting for required actions and client management • Automated alert notifications to agencies and officers via text or email • Daily Summary Reports via scheduled emails and accessible through our web-based system • Self-service applications for case generation, troubleshooting, research, and problem solving • Detailed billing, inventory, and client compliance reports for departmental or operational needs • Key Performance Indicator (KPI) analysis to ensure metrics are adhered to

	Program Management	• Customized training available from our Field Services Team • Best practices for inventory control and management • Equipment-status management for returns, maintenance, and availability • SCRAM Systems program operational support • Consumable allocations based on product usage • Standard 3-day shipping on new and replacement orders
	Training & Court Support	• Formal court reports and court testimony assistance via video, telephone, or in-person • Expert witness testimony or preparatory assistance • On-demand, web-based training and product certification programs • Role based training curriculum for alcohol and location monitoring, court & judicial leads, business operations, and program measurements

• Access to Annual training on Hardware/Software updates

Training Overview

SCRAM Systems has trained thousands of corrections' personnel. We provide on-site, hands-on, customized training for anyone who manages equipment or clients—all at no cost. Upon contract execution, SCRAM Systems will meet with key personnel to establish a plan of action that outlines the training logistics, a timeline, and unique program needs.

All product training follows a standard pattern that covers SCRAM Systems basics but is customized based on customer needs. Prior to hardware and software training, SCRAM Systems will meet with Department personnel to discuss training needs and initiate account set up on our end. Creating a starting point for agency-level detail allows for customizable training or any pre-training data entry.

Elements to consider when tailoring a plan may include:

- Level of access required by user type (standard officer to high-level administration)

- Availability to complete additional training online through SCRAM Systems University

- Follow-up training needs

The Department will receive initial and ongoing training at no cost.

All training includes an overview of basic product functionality, product-specific hardware features, and system navigation basics. In addition, customized training plans cover software functions by product type, administrative account and user set-up, and alert management.

Product-specific areas of concentration include:

GPS 9 Plus. Training focuses on understanding the hardware and applying the software features to enhance GPS monitoring. Emphasis is placed on understanding 24/7 location monitoring, with or without the optional RF beacon. Our comprehensive training covers the benefits of Pursuit Mode and Locate Now, how to apply schedules and zones, and the effective use of mapping tools. We will clearly distinguish the benefits of GPS POL analytics and how that data becomes usable information for pulling court-ready reports and easily supporting crime scene evaluation.

SCRAM CAM. Concentration on teaching how the device functions and what factors can affect 24/7 CAM monitoring. Training includes discussion around the science of CAM and how our team of analysts determine an environmental vs. ingested drinking event. Topics of instruction focus on what constitutes a tamper attempt, notification of confirmed violations, available court support, and how SCRAM CAM can increase compliance rates for the Department.

SCRAM TouchPoint. Training focuses on how to effectively set up and manage the mobile app caseload management and check-in groups features. Our team explains the app step-by-step, walking through client profile information and discussing how to use client messaging, check-in, and EM reminders to enhance communication between officers and clients. The training also covers document management and understanding analytics and reports.

SCRAM Optix Software. Our software training explores the unique dashboard functionalities, applicable to a single device type, in addition to general software navigation. We demonstrate the "how-to" for each area of supervision, emphasizing dashboard options, alert criteria, client and case detail, and equipment configuration. Our team will work with the Department to customize training levels, including read-only, officer, administrative, or customized roles, depending on program needs.

- **Administrative Account and User Set-up**

  - Account profile set-up covers account-level supervision plans, notification options, library of zones, and creation of sub-accounts.

  - User-level training involves officer and administration functionality options and inventory management options.

  - User and recipient training illustrates how to input and edit personnel contact details.

  - Data entry training includes client profile and additional fields for supplementary details.

- **Alert Management**

  - User vs recipient training explains the difference in these roles and defines who will be notified for alert violations.

  - Notification methods training explains options for how an alert is to be notified, such as email, text, or phone call.

  - Notification parameter training describes when an alert is to be notified, such as existing conditions, grace periods, and agency protocols.

  - Alert process and resolution training teach how to define alert priority, log event details, enter officer comments, and decide how the alert will be resolved or closed.

While we have outlined the basics of our training plan, SCRAM Systems will work in conjunction with the Department to create a training plan aligned to their specific needs, suited to their protocols, and subject to their approval.

Training Approach

SCRAM Systems offers live training, in person or via webinar, expert field services support, and dynamic training online resources available 24/7.

Interactive Training. SCRAM Systems offers on-site, classroom-style training and live webinar training for all new customers. Our regional sales manager and account manager are experts at carefully and systematically ensuring that new customer training is applicable, comprehensive, timely, and delivered in a manner that best fulfills the Department's needs. They will bring in subject matter experts and our field support services team, as needed, to ensure that all the Department's needs are addressed from the program's inception. Once the program is implemented, the account manager will continue to accommodate live training as needed, throughout the life of the contract.

Customized Training Agenda. When creating a training agenda, SCRAM Systems will work with the Department to ensure it is customized to meet their unique needs. Elements to consider when tailoring a plan may include, but are not limited to:

- Contract award date
- Program implementation date
- Selected product types
- Program size
- Training location (onsite or remote)

- Training facility and resources available
- Number of trainees and availability
- Level of access required by user type
- Internal policies and protocols
- Follow-up training needs

SCRAM Systems acknowledges the variety of responsibilities across different departments concerning their electronic monitoring programs. To meet these diverse needs, SCRAM Systems customizes individual training sessions to cater to the specific needs of the audience. The duration of these training sessions can range from 1 to 3 days, depending on the complexity and extent of the users' roles. Following is a sample agenda of a one day training:

Sample Training Agenda/Content	Time
GPS 9 Plus	
Introductions	8:00-8:30
- GPS Functionality Overview - Hardware Overview - Basic System Navigation - Client Set-up and Management - Manage Tab - Add Offender - Create Zones - Prebuilt Zones - Add Schedules - Set-up Users - Notification Set-up and Options - System Dashboard - Mapping Overview - Hands-On Application	8:30-11:30

Questions/Discussion	11:30-12:00
• GPS Analytics • Mapping • Location Points • Alert Management • Alert Process • Reports • Hands-On Application	1:00-3:00
Customer Service	
• Compliance Reporting • Case Notes • Reports • Court Support • Customer Service	3:00-4:00
Questions/Discussion/Wrap Up	4:00-4:30

• Online training access with unlimited sessions

Dynamic Training Resources. All training curriculum and written documentation are available 24/7 to accommodate new hires, shift-critical personnel, or refresher training at any time. SCRAM Systems offers multiple options for continuing education or review through our *What's New* link, our Help and Support page, and SCRAM Systems University courses.

What's New. Once logged into the software, a simple click on the *What's New* link displayed on the home page offers up-to-date and recent posts, archives, and a list of categories for previously posted information. The Department will always remain current on the most recent product blogs, scheduled releases for enhancements, and highlights for new ways to get the best use from our products' existing features.

Help and Support Page. SCRAM Systems also offers an on-line Help tool that provides detailed instructions on all products, including hardware and software, as well as sample client participation and guidance forms. All documents can be printed, emailed, or accessed 24/7 via the SCRAM Systems software.

The product icons provide access to quick links that include instructional videos, resources, forms, and other services. Product and system information can easily be accessed by selecting a tile which opens additional categories and options within that selection.

SCRAM Systems University. In addition to in-person or live webinar training opportunities, all existing training programs are available online in multiple formats, which allows newly hired staff to train when hired, as well as participate in on-demand refresher training as needed. All training and written documentation are available online at SCRAM Systems University.

SCRAM Systems University offers educational content for authorized personnel from beginners at the program start, to those with advanced experience in the industry. Available courses can be filtered by keywords or selected by category from a dropdown list to focus on specific areas of interest. SCRAM Systems University employs a mix of tools to demonstrate how equipment and software features can be maximized to enhance program efficiencies and client compliance, including quick reference guides, micro-learning videos, and on-demand webinars.
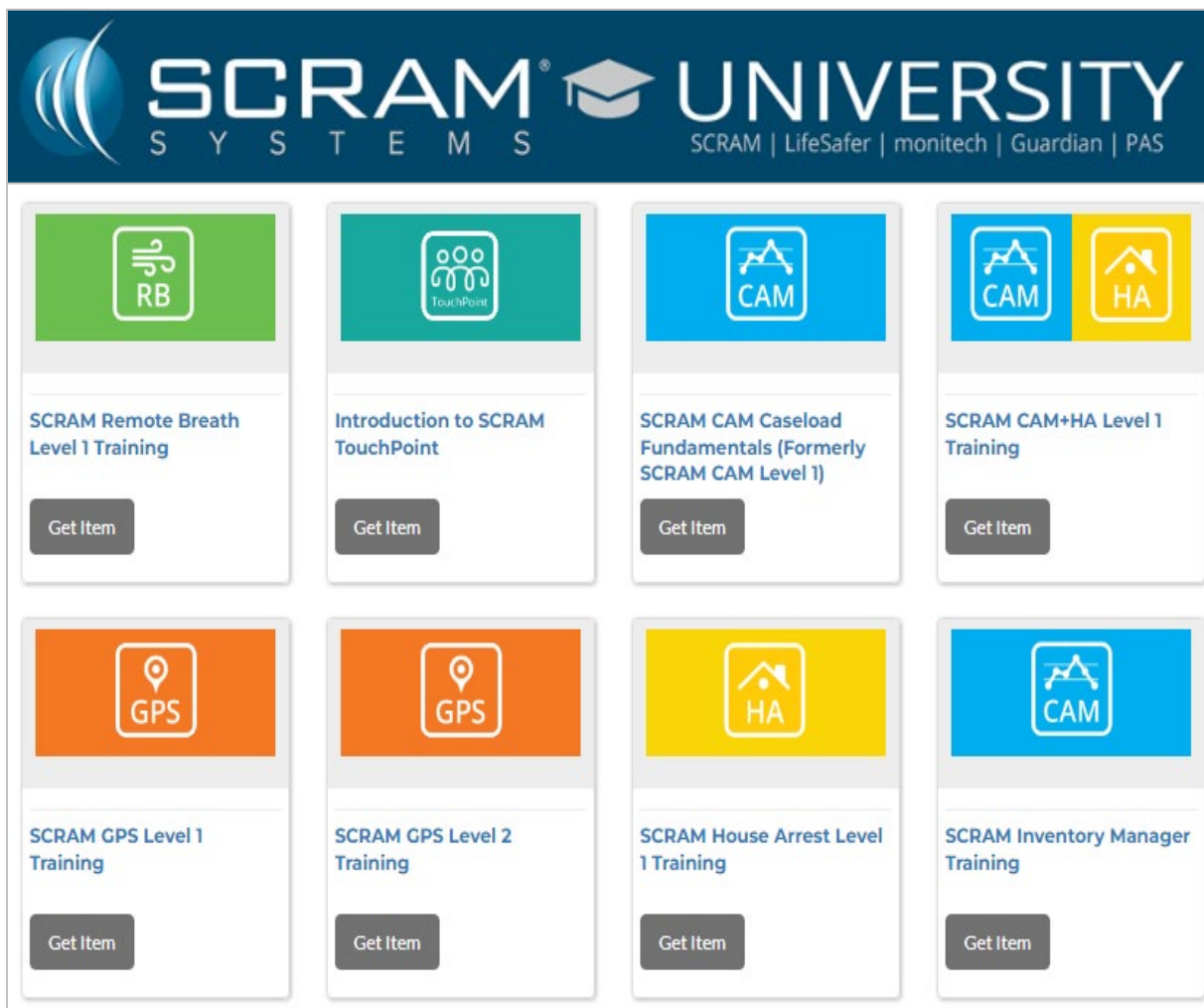
VII. Inventory:

• Ability to request more units and only be charged for units that are currently deployed. Idle inventory will not be charged at a daily rate.

The Department will have access to shelf units at all times; We have included a 100% shelf allowance in our pricing. The daily rate will only apply to units in use and not idle inventory.

• Flexibility to increase or decrease inventory as needed.

The Department will have the ability to adjust inventory levels as needed, either by increasing or decreasing them.

• Access to expedited shipping / Return Merchandise Authorization

Orders are shipped standard 3-day delivery, with priority next day delivery available upon request.

Through our standard Return Merchandise Authorization (RMA) procedures, SCRAM Systems will pay for all RMA return shipping costs related to repairs and/or maintenance of equipment that is not fully functioning through no fault of the Department.

VIII. Contracts:

• One contract to ensure all units through the company is covered. No new contract for different equipment requested by the department.

SCRAM Systems will comply.

• Loss Allowance: Expectation that offenders will sometimes lose/damage/destroy a unit; the company should allow for a certain percentage of units to be lost/damaged/destroyed.

SCRAM Systems will honor our current lost/damaged allowance of 5%.

IX. Cost

- expendables and/or consumable items should be included on the cost of each GPS/alcohol monitor and beacon.

SCRAM Systems will supply all necessary consumables to operate SCRAM equipment. Consumables/accessories are at no cost to the Department.

Price Sheet

List Unit and Price to include Device and Beacon (per Unit)	Leasing
Description	Cost in Unit
SCRAM GPS 9 Plus Device	$3.05
SCRAM Beacon	$0.50
SCRAM CAM (landline)	$6.84
SCRAM CAM w/Ethernet	$7.34
SCRAM CAM w/Wireless Base Station	$7.81
SCRAM Remote Breath Pro	$3.69
SCRAM TouchPoint (standalone)	$.48
SCRAM Ally Victim App	$1.00
NOTE: Price should include Shipping	

List Unit and Price to include Device and Beacon (per Quantity)	Leasing
Description and Quantity	Cost in quantity
SCRAM GPS 9 Plus Device 1-149	$3.05
SCRAM GPS 9 Plus Device 150+	$3.00
SCRAM Beacon 1-149	$0.50
SCRAM Beacon 150+	$0.48
SCRAM CAM (landline) 1-149	$6.84
SCRAM CAM (landline) 150+	$6.41
SCRAM CAM w/Ethernet 1-149	$7.34
SCRAM CAM w/Ethernet 150+	$7.31
SCRAM CAM w/Wireless Base Station 1-149	$7.81

SCRAM CAM w/Wireless Base Station 150+	$7.79
SCRAM Remote Breath Pro 1-149	$3.69
SCRAM Remote Breath Pro 150+	$3.58
SCRAM TouchPoint (standalone) 1-149	$0.48
SCRAM TouchPoint (standalone) 150+	$0.45
SCRAM Ally Victim App 1-149	$1.00
SCRAM Ally Victim App 150+	$0.96
NOTE: Price should include Shipping	
OTHER ASSOCIATED FEES (please list all fees)	
Daily fee	$0.00
Initial Activation Fee	$0.00
On body Charger	$75.00 (purchase only)
GPS 9 Plus Device Replacement Cost	$559.85
GPS Beacon Replacement Cost	$400.00
CAM Bracelet Replacement Cost	$1,108.35
Base Station Replacement Cost	$374.81
Wireless Base Station Replacement Cost	$585.00
Remote Breath Pro Replacement Cost	$676.11

Note: Pricing also includes:

- Shelf Allowance: 25% on all products. SCRAM Systems acknowledges and agrees not to assess shelf fees more than the 25% allowance.

- Lost/Damaged Allowance: 12 GPS 9 Plus, 2 GPS Beacons, 2 CAM/Base Station, 1 Remote Breath Pro

- Equipment maintenance, consumables, shipping and delivery, 24/7 support, training, account management and support, and any implementation/transition costs.

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Contractor Information

Contract #:	GS-07F-0003Y
Contractor:	ALCOHOL MONITORING SYSTEMS, INC
Address:	6251 GREENWOOD PLAZA BLVD STE 30
	GREENWOOD VILLAGE, CO 80111-4808
Call:	303-785-7879
Email:	JHennessey@scramsystems.com
Web Address:	http://www.scramsystems.com/
SAM UEI:	L9XADP4ACJP4
NAICS:	334516

Socio-Economic : Small Business

Current Option Period End Date : Sep 30, 2026
Ultimate Contract End Date : Sep 30, 2031

Govt. POC:
Matthew Shinn
448-777-5360
matthew.shinn@gsa.gov

[Terms & Conditions + Price List]

Contract Clauses/Exceptions:
View the specifics for this contract

EPLS : Contractor not found on the Excluded Parties List System

Source	Title	Contract Number	Terms & Conditions / Price List	Current Option Period End Date	Ultimate Contract End Date	Category		View Catalog
MAS	Multiple Award Schedule	GS-07F-0003Y	[Terms & Conditions + Price List]	Sep 30, 2026	Sep 30, 2031	334290	COOP PURCH DISAST PURCH	GSA Advantage!
						334516	COOP PURCH DISAST PURCH	GSA Advantage!
						ANCILLARY	COOP PURCH DISAST PURCH	GSA Advantage!
						NEW	COOP PURCH DISAST PURCH	GSA Advantage!
						OLM	COOP PURCH DISAST PURCH	GSA Advantage!

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Privacy policy

FOIA requests