SECURUS Technologies™

DETAILED PRODUCT GUIDE

BLUtag® | Version 1.0

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Next Generation **BLU**tag®
One-Piece GPS Solution

Next Generation **BLU**tag®
with New Mobile Charger

Product Overview

The new **BLU**tag is the most advanced and reliable GPS electronic monitoring device Securus Monitoring Solutions has ever created. In a complete overhaul of the device, our engineers re-designed **BLU**tag to be housed in a new demonstrably smaller polycarbonate hypoallergenic plastic case and equipped it with a more secure and comfortable strap and strap attachment mechanism. This new strap will increase the reliability of the tamper mechanism and report only true tampers to the supervising officers. In addition, **BLU**tag uses a newly designed mechanical and magnetic charging cable making it easier for enrollees to keep the device properly attached to the charger, increasing the enrollee's likelihood of adequately recharging the battery. Securus also offers a purpose-built mobile charger that can recharge the battery on the go when an enrollee doesn't have consistent access to an AC outlet. The battery within the new **BLU**tag also increases usable life to over 50 hours on a single charge. What's more, our engineers greatly enhanced the device's GPS reception to allow for quicker location acquisition, more accurate locations indoors and fewer invalid location points. The location enhancement also improves the Wi-Fi location and cellular location technology within the device.

The new **BLU**tag keeps all the proprietary advanced features of previous generation devices including proprietary **Dual**Carrier™ Technology and GPS shielding and jamming detection standard in every device.

Market Positioning

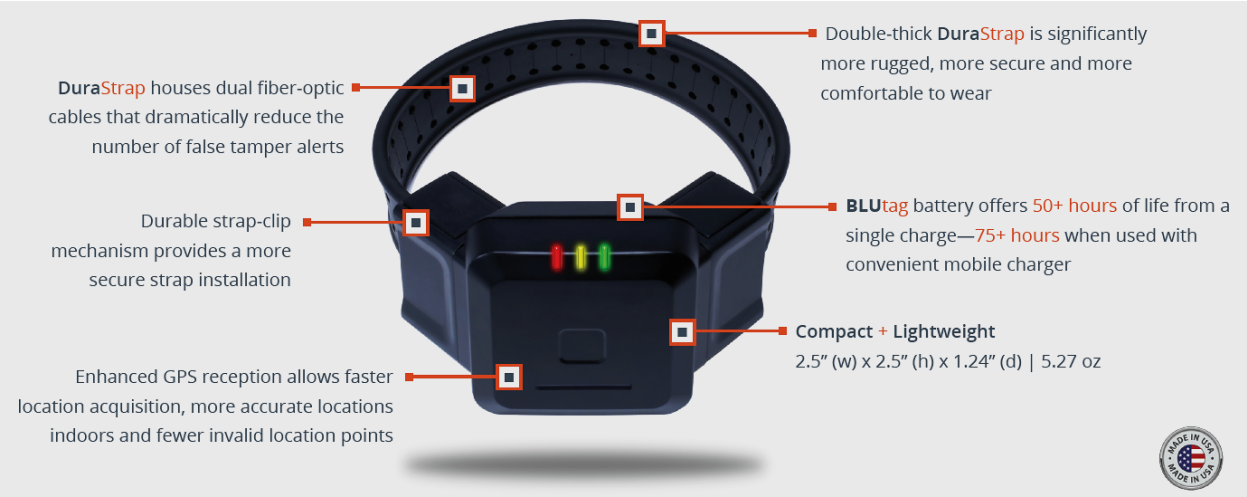
The marketing of the next generation of **BLU**tag will reinforce the overall brand strategy to position Securus Monitoring Solutions as a single-source provider of comprehensive electronic monitoring solutions and services.

As the inventors of **BLU**tag, the industry's first one-piece GPS tracking device, Securus has an established history of leading, not following. We don't focus on keeping up with the competition. Instead, we focus on creating products that provide solutions to the actual challenges faced by law enforcement and community corrections agencies.

Using this strategy, Securus can pivot from being a hardware provider—relying on features and benefits (e.g., price, device size, battery life, etc.) to differentiate ourselves—to actually acting in partnership with our customers to help them become more effective and efficient across their organization in the efforts to manage their offender populations.

By design, our next-generation **BLU**tag device provides solutions to real challenges like these—and more:

1. Enrollees being unable to keep their GPS tracking devices properly charged;
2. The gaps in cellular networks that can make it very difficult to consistently track an enrollee;
3. Overwhelming supervising agents with unnecessary false-positive tamper alerts, often dramatically impacting the amount of time agents need to focus on more important matters;



Sales Process

The sales process has different stages and it's all about the messaging tailored to each of these stages. When you live by the product, you die by the product. Product superiority and technology advantages are usually both temporary and fleeting. However, if the focus is on the customer problems and how we will solve those problems, it's critical to construct the right validation events that will expose our competitor's weaknesses.

1	CUSTOMER IS NOT LOOKING	+ Sharing success stories + Tradeshows + Social Media (LinkedIn) + Training Events, Association Meetings
2	CUSTOMER HAS A NEED	+ Discovery + Sharing success stories, outcomes + Tradeshows + Social Media (LinkedIn) + Training Events, Association Meetings
3	CUSTOMER EXPLORING OPTIONS	+ Discovery + Sharing success stories, outcomes + Sharing unseen opportunities and unrecognized problems + Face to Face Meetings
4	CUSTOMER DEFINING PROCESS AND CRITERIA	+ Drive the customer to commit to resources + Highlight differentiators for decision criteria (specifications) + Minimize our weaknesses + Expose competitor's weaknesses/minimize their strengths
5	EVALUATION AND VALIDATION	+ Schedule a trial/pilot under our control + Use validation and evaluation to highlight our differences directly related to their needs + Expose competitors' weaknesses and minimize their strengths + Always wrap it up with a commitment or documented success + Have ready strong references relevant to the customer
6	NEGOTIATION AND CONTRACTING	+ Tie value to financial proposal + Set expectations for a smooth transition + Full Signature path known + Look for last minute vulnerabilities

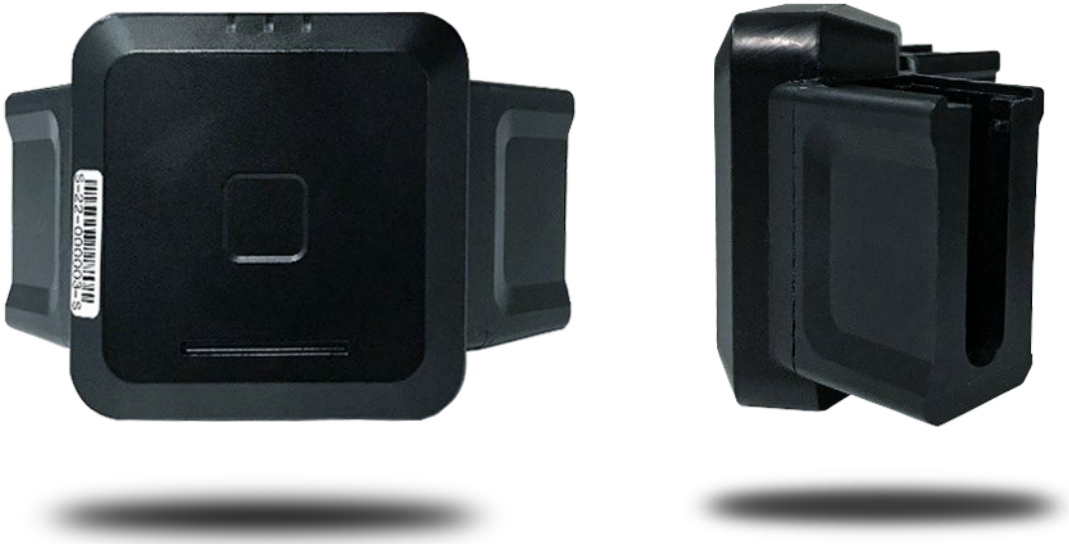
Product Details

New BLUtag vs. V7

Small, durable, simple recharge, with the most advanced tamper detection systems available, **BLU**tag represents the latest evolution of GPS tracking devices. The following describes the many improvements in form factor and internal design of the NEW **BLU**tag in comparison to V7.

New Differences in Form Factor

1. **NEW Form Factor and Profile**
   With a new device comes a new form factor, the new **BLU**tag is 10 percent smaller and 5 percent lighter is size and weight compared to the **BLU**tag^2 device.



2. NEW DuraStrap™ Dual-Fiber Strap

The new and improved strap for **BLU**tag is 1.5 times wider and 2.0 times thicker than its predecessor, making the strap much more secure and harder to tamper.

NEW **Dura**Strap™ (Top) vs. Standard Strap (Bottom)

The upgraded strap is equipped with two fiber optic lines running through the top and bottom of the strap. This upgrade to fiber optics helps to ensure compliance of the enrollee and report tampers more accurately.

NEW **Dura**Strap

Due to the upgraded strap, a change has been made to the position of detectors for the light tamper in order to improve tamper detection for the agent.

3. NEW Strap Attachment

An improved strap clip mechanism and top down insertion with top cap enclosure reduces false tampers and allows for a more rugged and secure strap installation.

LEFT Strap Clip

RIGHT Strap Clip

Strap Cap

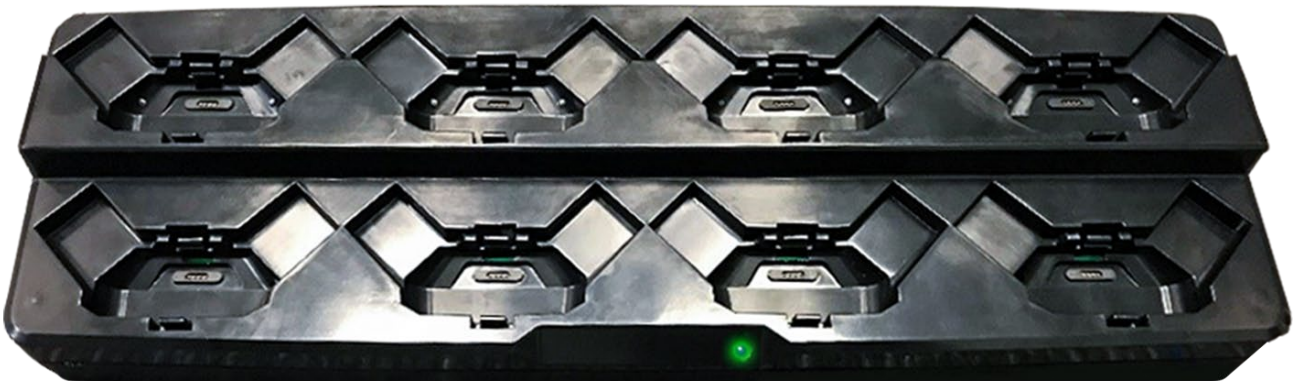
The enclosure wings are designed to allow detection of top cap tampering as well as both fiber optics within the strap.

4. **NEW Compact Device Charger**

   A combination of mechanical and magnetic attachment allows the device to "breakaway" from the charger in order to reduce accidents or possible damage to the charger and/or device.

5. **NEW Mobile Charger**

6. **NEW** 8-Bay Multi-Device Charging Station



New Internal Design Differences

1. **IMPROVED** GPS Performance
   Utilizes GPS and GLONASS for improved power management and includes a custom antenna providing improved body-worn performance.
2. **IMPROVED** AGPS (Assisted GPS)
   Proprietary In-House Platform, no third-party needed for platform in order to reduce customer cost.
3. **IMPROVED** First Satellite Fix
   The new **BLU**tag utilizes a Satellite Based Augmentation Systems (**SBAS**) named Wide Area Augmentation System (WAAS) in order to enhance GPS with the goal of improving its accuracy, integrity, and availability. Using this technology reduces time necessary to establish first GPS satellite fix.
4. **NEW** Cellular Modem
   The new **BLU**tag now comes equipped with a 4G (LTE) CAT1 IoT modem running both AT&T and Verizon with a 3G Automatic "Fallback" for AT&T Networks, making this device Dual-Carrier Standard for ALL customers
5. **NEW** RF Enabled Standard
   Improved RF performance using updated LORA chip.

RFP Language

Government agencies have been using **BLU**tag, Securus' small, lightweight, one-piece GPS monitoring device longer than any other one-piece GPS monitoring device. Since **BLU**tag's first deployment in early 2005, Securus has upgraded the device and expanded its functionality. Currently in its eighth generation, **BLU**tag, reports monitoring data to **Veri**Tracks™, our secure web-based monitoring application, using nationwide cellular service.

DESIGN

STRAP: BLUtag is designed to attach around the ankle of an offender utilizing a strap made of hypoallergenic, industrial-grade thermoplastic rubber and lined with dual fiber optic cables. **BLU**tag has a light that pulses every second to ensure there is no delay in alert due to tampering and to ensure all suspected tampers are reported. If the offender cuts or stretches the strap, the fiber optic's circuit breaks and **BLU**tag immediately generates and reports a strap tamper violation. Visual inspection may also indicate tampering, such as marks and cuts on the strap and/or the strap is misshapen. There is no metal or steel in the strap that would cause injury to either the offender or field personnel. Independent laboratory testing has concluded that the strap is safe for use and a copy of that testing can be supplied upon request.

CASE: BLUtag's electrical components are sealed within a case made of hypoallergenic, waterproof, industrial-grade plastic, which is waterproof up to 50 feet, as well as shock and vibration resistant. Since the case is made of hypoallergenic plastic, there is no risk of infection to the offender. There are no field operable hinges, seals, or screws. Measuring approximately 2.5" x 2.5" x 1.24" and weighing 5.7 ounces, it is lightweight and easily covered. If the offender tries to crack or break open the device case, light hits an internal sensor and triggers a tamper alert

BATTERY: BLUtag has a lithium ion battery that will maintain a charge for up to 50 hours in between charges, which is one of the longest battery lives for a GPS monitoring device receiving one GPS location point per minute. As the device's battery power depletes, **BLU**tag will vibrate to notify the offender approximately ten (10) hours prior to losing all power. It will continue to vibrate once every ten (10) minutes until the battery is recharged or depleted of all power. If, after six (6) hours, the offender has not responded to notifications to recharge the battery, **BLU**tag will report a critical battery notification to **Veri**Tracks™. With 30 minutes of power remaining, **BLU**tag will report a dead battery to **Veri**Tracks™ and prepares itself to go into a safe shutdown mode. If **BLU**tag's battery loses all power, it can be charged back to a full charge status within two hours. **BLU**tag contains an internal surge protector for additional protection.

DEVICE: During normal operations, **BLU**tag will obtain one (1) GPS point per minute and upload data every 10 minutes to **Veri**Tracks™. During a violation status, **BLU**tag will continue to obtain one (1) GPS point every minute but the data will be reported immediately to **Veri**Tracks™. Authorized personnel can also initiate Rapid Reporting while logged into **Veri**Tracks™. This function temporarily increases the rate at which **BLU**tag reports data to **Veri**Tracks™ from once every 10 minutes to once every minute for a period of 60 minutes. While in Rapid Reporting mode, **BLU**tag changes the rate at which it receives GPS location points/signal to one point *every*

15 seconds instead of the standard one point every minute. This functionality is useful if a field agent is pursuing an offender(s).

INSTALLATION

Extensive training is not needed to instruct field staff on how to install **BLU**tag around an offender's ankle. Securus provides the Agency all the necessary tools and consumable hardware required for the installation, adjustment, and removal of Securus' **BLU**tag ankle bracelets in an Officer Kit. The consumable items are designed for one use and then are discarded. If the strap needs to be adjusted, the field officer removes the device and uses a new strap. Items in the kit include straps, clips, chargers, cutting tools, and strap removal tools. Straps, adjustable in increments of one-half inch, come in two (2) lengths: 14-inches, which fits most offenders, and 24-inches. We also provide a charging coupler so the offender can charge the device's battery, which plugs into any standard A.C. electrical outlet.

FUNCTIONALITY

BLUtag's most used and requested functionality, includes:

- **Proprietary DualCarrier™ Technology**
  BLUtag is the only GPS offender monitoring device to offering simultaneous dual cellular carrier option. Securus' EXCLUSIVE dual-carrier **BLU**tag device reduces inventory requirements and eliminates an officer's need to determine the carrier that provides the best coverage for an offender's community. This is because the **BLU**tag device determines the best carrier as it operates and can automatically and seamlessly switch between carriers without any impact on its reporting. Both AT&T and Verizon are within each **BLU**tag.

- **GPS Jamming and Shielding Detection**
  BLUtag is the FIRST monitoring device capable of detecting, recording and reporting when offenders deliberately jam the GPS signal and shield the device from receiving GPS signals. Jamming the GPS signal can occur from many resources but recent technological developments allow offenders to purchase low-cost, illegal electronic units to jam or interrupt the GPS signal. Shielding the **BLU**tag device occurs when the offender wraps the device with a foreign material that prevents the device from receiving GPS signals. Both of these events are considered tampering and violate the terms of supervision.

- **Enhanced Secondary Location Technology**
  Offender movements are easy to see and track in **Veri**Tracks™ because **BLU**tag receives one GPS location point per minute. However, if the offender enters an area impairing **BLU**tag's ability to receive GPS location points from satellites orbiting the earth for a predetermined length of time, **BLU**tag automatically initiates its Enhanced Secondary Location Technology. This backup tracking technology uses a combination of cellular tower data, Wi-Fi, and our proprietary algorithm to track the offender's movements. While GPS is the most accurate tracking technology, our proprietary technology places the monitored subject much closer to his/her actual movements than more traditional cellular tower-related technology, based on the distance between the offender and the

cellular tower. ESLT minimizes the risks associated with limited GPS location point/signal reception.

- **Non-Volatile Memory**
  BLUtag's on-board non-volatile memory stores up to thirty (30) days of monitoring data. Should **BLU**tag lose communication with **Veri**Tracks™, it stores all monitoring data until communication is restored. Because its memory is non-volatile, **BLU**tag does not lose any data even if it loses power.

RELIABILITY

BLUtag monitors the compliance of offenders with date- and time-sensitive inclusion zones, as well as exclusion zones, using GPS signals. When an offender enters an inclusion zone late or exits it prematurely, or enters an exclusion zone, **BLU**tag immediately detects, records, and reports the event to **Veri**Tracks™ using nationwide cellular phone service. **BLU**tag's default programming does not notify the offender of the violation, but we can easily change the programming to meet the customer's protocols, if required. The notification can be the flashing lights on the front of the device, or the device can vibrate or emit an audible tone, whichever is the customer's preference.

Independent tests, based on a 24-hour test period when **BLU**tag has an unobstructed view of the sky with ideal atmospheric conditions, confirm:

+ **BLU**tag acquires a GPS signal within two minutes;
+ **BLU**tag obtains one GPS location point per minute 99 percent of the time, and;
+ The GPS location points are 95 percent accurate within a range of 15 meters (33 feet)

REVISION HISTORY

VERSION	DATE	AUTHOR (S)	COMMENTS
1.0_2020	2.14.19	Danny Valderrama	Initial Draft