

RADIO FREQUENCY MONITORING

BLUBAND

To support the customer's requirement for a radio frequency only solution, Securus proposes using **BLUband**. The BLUband device is a small, lightweight transceiver that is installed around the client's ankle and does not require removal to transmit monitoring data. As a tri-band transceiver, BLUband can receive messages from BLUhome (RF receiver) about the strength of the RF signal tether and make needed adjustments.

BLUband weighs

approximately two (2) ounces and measures 1.25" x 2.25" x 0.5". Its electrical components are sealed within a case made of hypoallergenic, waterproof, industrial-grade plastic, which is waterproof up to 50 feet, as well as resistant to chemical solvents, corrosion, detergents, fire, shock, and vibration. There are no field operable hinges, seals, or screws. All BLUband devices are tested to function reliably in normal to extreme environmental and atmospheric conditions, including significant variations in temperature (-10 to 140 degrees Fahrenheit) and humidity (10 to 100% humidity). BLUband contains an internal surge protector for additional protection.



BLUband® Radio Frequency (RF) Ankle-Worn

BLUband has a battery life of 24 months and reports low battery conditions through BLUhome and VeriTracks approximately 30 days prior to loss of power. BLUhome uses either cellular or digital/landline communication in the client's home. BLUband detects, records, and reports tampering to BLUhome when it is within RF signal range. BLUhome will date- and time-stamp the event upon receiving the information. If the BLUband is outside of BLUhome's RF signal range, BLUband will store the event in its memory and immediately report it to BLUhome when the client returns home. Once the information is received by BLUhome, it will be immediately reported to VeriTracks.

Tamper resistant features, in addition to visual inspections, include the following:

- **BLUBAND CASE** – if the client tries to crack or break open the device, light hits an internal sensor and triggers a tamper alert
- **BLUBAND STRAP** – made of hypoallergenic, industrial-grade thermoplastic and lined with fiber optic cable, if the client cuts or stretches the strap, the fiber optics circuit breaks and triggers a tamper alert

INSTALLATION/REMOVAL

Extensive training is not needed to instruct field staff on how to install BLUband around a client's ankle. Securus provides the customer with all the necessary tools and hardware required for the installation, adjustment, and removal of BLUband in an Officer Kit. These kits also include straps, top caps, U-clips, strap clips, cutting tools, and strap removal tools. Straps come in two (2) sizes: 14-inches, which fits most clients, and 24-inches. The strap is adjustable in increments of ½ inch. 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.

After initial training, most installations take less than 10 minutes to complete by the officer, including setting a client up in VeriTracks. Instructions for care of the device are provided to the client after installation.



BLUband, a small transceiver, works with BLUhome to provide traditional RF monitoring capability.

BLUHOME

To support a customer's requirement for RF functionality, Securus provides **BLUhome**, a home-based receiver unit that works with BLUband. Any BLUband can be used with any BLUhome and remotely programmed through VeriTracks. BLUhome is easily installed in the client's home after BLUband has been installed on the client's ankle. While in the client's home, the installer will request the client to perform a fingerprint verification, which is a means to authenticate his/her identity via biometric fingerprint scanning. Additionally, during assignment, BLUhome will be assigned an address within VeriTracks. At the customer's discretion, the BLUhome can also be self-installed by the client. The address verification will confirm correct set-up and activation.

THE SECURUS DIFFERENCE

BLUhome is the **ONLY** RF/EM device to verify the address of the device, providing additional confirmation that the offender is at the required home address.



BLUhome® home-based RF receiver.

BLUhome reports data to VeriTracks using the nationwide cellular network or the digital/landline service within a client's home. Available telephone services include broadband, digital, fiber-optic, and cellular bridges using standard RJ-11 modular telephone connectors. There are no additional phone handset requirements to operate BLUhome. The device is powered by plugging the 6-foot cord into the 110-volt electrical outlet and contains an internal surge protector for additional protection. BLUhome, under normal

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AC power, contains an internal clock and sufficient memory to store, with a date- and time- stamp, all events for ten (10) days.

BLUhome's backup battery powers the unit for at least 24 hours. If the electrical service in the client's home experiences an interruption, BLUhome immediately reports the start date and time to VeriTracks using either nationwide cellular phone service or the digital/landline phone service in the client's home. Once service is re-established, BLUhome immediately reports the end date and time. BLUhome continues reporting into VeriTracks as normal while powered through its backup battery.

BLUhome is also available using internal cellular capabilities, allowing for operation without the requirement of a landline at the client's home. Over 95% of all BLUhome's in use today are cellular due to the rapid decline of available landlines and the, often, cost burden that is required of the client.

BLUhome is the only receiver to have a fingerprint reader to confirm the client is at their assigned address. If BLUhome fails to detect BLUband, a tone will be emitted from the unit. After the tone starts, the client is required to confirm their presence by scanning their finger on the front of the BLUhome. This action positively confirms the client is within range, eliminating the need for assigned supervision staff to investigate the event. If a client fails to provide their fingerprint confirmation, an alert is sent to VeriTracks immediately. The large LCD screen lights up with an image notifying the client they need to verify their fingerprint and how to perform the verification.

