

The below features and functionality of our robust product offerings demonstrate why Attenti provides the best product and best value to the Participating Entities.

Attenti Home Curfew



Attenti's Home Curfew monitoring system offers field-proven functionality for low-risk participants. The Base Unit 3000 LTE (BU3000) provides two-way voice calls, GPS location points, and connects over LTE cellular, Wi-Fi, and landline networks.

Participants are fitted with the 2-Way Bracelet (BTX), designed to encourage compliance. The BTX can be set to vibrate to notify a participant of a potential range alert.

Our Radio Frequency technology tethers the BTX to the BU3000 installed in the participant's home. Through EM Manager, users establish and modify curfews, grace periods, officer contacts, and notification protocols. One of the benefits of using our system is that RF, GPS, and Mobile App participants are managed through the same simple software.

Key Benefits

- *2-Way Bracelet* – vibrates to notify participant of curfew violations
- *GPS Point* – BU3000 reports the GPS location on activation, alert, and on request
- *Voice Communication* – the handset simplifies two-way communication between participants and agency staff
- *Multiple Connection Methods* – connects via LTE cellular, Wi-Fi, and landline
- *Customizable System* – wide range of configurable options enables customization at the department, division, officer, and participant level
- *Group Monitoring* – designed for use in a halfway house or other group residence, one BU3000 continually monitors up to 15 participants

2-Way Bracelet (BTX)

The BTX is the most advanced RF bracelet on the market, with the capability to notify participants of curfew violations with short bursts from its vibration motor: an effective tool to encourage compliance.

Small and discreet, the BTX weighs just 1.7 ounces. The bracelet is attached around the participant's ankle with a strap that is easily cut to size. The strap contains an embedded fiber optic light pipe through which an IR signal is transmitted.



The bracelet has an operational battery life of twelve months and one of the unique features is that it provides a 30-day notice of impending battery depletion, allowing agencies to arrange for bracelet replacement during a regular office visit.

Vibration Feature Enhances Compliance

The BTX offers the optional vibrate feature designed to eliminate or minimize curfew alerts. When turned on, the participant is notified they are out-of-range one (1) minute before a Curfew Alert will be sent to the agency. The optional bracelet vibration provides the participant the opportunity to immediately correct noncompliance.



Adjustable Range for Ideal Coverage

The range settings between the BTX and the BU3000 are adjustable. During the enrollment process, EM Manager prompts the user to select a range of Low, Medium, or High. The ranges are approximate, as they are dependent on environmental conditions, but an *Equipment Range Test* is available to help determine the correct range for the residence.

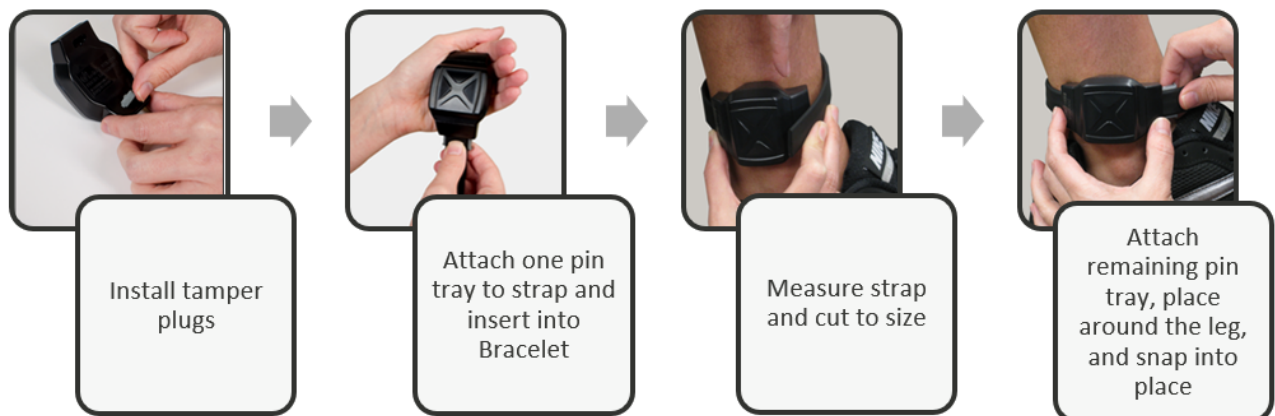
Dual Tamper Detection

The BTX is attached around the participant's ankle with a disposable strap that contains an embedded fiber optic light pipe. An IR signal is transmitted through the fiber optic pipe. An interruption in the signal results in a *Bracelet Strap* alert. If the housing is compromised, a *Bracelet Case Tamper* alert is generated. The bracelet is designed to detect tamper attempts; if the equipment generates a tamper alert, it needs to be inspected.

Obvious Signs. The bracelet comes with two tamper plugs that must be inserted into the back of the bracelet brackets. Any unauthorized attempt to remove them leaves obvious signs of tampering. The plastics around the brackets are also smooth so that attempts to tamper with the bracelet are readily apparent.

Easy Installation

BTX installation was developed to be simple and foolproof. Once trained, an officer can install a bracelet within minutes and a strap cutter or pair of scissors is the only tool necessary for installation. Follow the steps below:



Base Unit 3000 LTE (BU3000)

The BU3000, Attenti's advanced RF monitoring unit, offers GPS location points and voice communication with the participant. It downloads data over LTE cellular, Wi-Fi, and landline networks. The BU3000 offers reliable curfew monitoring while providing participants with mobility to move around the residence.

The BU3000 utilizes a low power RF receiver to listen for the encoded signal from the BTX, incorporates a battery that provides 58 hours of backup power, and stores more than 30 days of monitoring data.



GPS Location for Improved Security

GPS locations are automatically collected by the BU3000 during activation, on-demand, and during *Location Untrusted* alerts

Activation. The activation GPS point allows for remote installation and provides the baseline GPS point for the participant's residence.

On-Demand. To determine the base unit's current location, agency staff simply click the *Get Location* button on EM Manager's General Information page. The user then clicks on *Map* and current location information is displayed.



Location Untrusted. The BU3000 includes a motion sensor designed to detect movement beyond what is seen during bumps and cleaning. If excessive movement is detected, a GPS point is collected and a *Location Untrusted* alert is generated.

Voice Communication

The BU3000 includes a handset for direct voice communication between the participant and agency staff. Agency staff can call the device from the office or from mobile EM Manager.

The BU3000 can also be preprogrammed through EM Manager with an approved phone number for the participant to call. To make a call, the participant presses the *Call* button on the device.



Extra BTX Detection

Each BU3000 can be set up in EM Manager to detect additional bracelets that appear within range of the device. If another participant's BTX appears within range, the extra bracelet information will appear in the Base Unit History and Event History.

Last Updated On: 5/12/2020 1:46:40 PM

		Date/Time	Description
+	●	05/12/2020 11:16:45 AM EDT	Extra Transmitter Detected: 227549 - Participant, Alan
+	●	05/12/2020 11:16:45 AM EDT	Extra Transmitter Disappeared: 227549 - Participant, Alan
+	●	05/12/2020 11:18:23 AM EDT	Extra Transmitter Detected: 227339 - Participant, Jennifer
+	⌚	05/12/2020 11:24:15 AM EDT	Get Location Command Sent by Tom Officer (Base Unit)
+	⌚	05/12/2020 11:40:52 AM EDT	Download Command Sent by Tom Officer (Base Unit)

LTE, Wi-Fi, and Landline Communication

Despite offering LTE cellular communication on the nation's largest and most widely used carriers, there are still areas without strong cellular coverage. Attenti was the first company to incorporate LTE, Wi-Fi, and landline communication solutions into one device. The BU3000 offers the most reliable coverage nationwide.

Onboard Processing

The BU3000 stores all the participant's rules right in the base unit and updates them each time the device calls in. Every time an officer creates a rule in the software, the new information is uploaded to the monitoring device. This allows autonomous monitoring independent of contact with the server.

Because the base unit stores the participant's rules onboard, it continuously compares its current status to the defined rules. The BU3000 detects noncompliance and automatically calls our server to download the alarm information. By doing so, the device generates alarms for noncompliance faster than devices without this capability.

Simple Installation



The BU3000 is easy to install. Cellular/Wi-Fi mode requires two steps, while adding a landline requires just four steps:

Step 1: Plug A/C adapter into a wall outlet.

Step 2: Plug A/C adapter into the back of the BU3000 where 12VDC is located. The green power light will light up on the front of the unit.



Connection is complete for cellular/Wi-Fi communication.



Step 3: Disconnect telephone line from the wall jack and plug into the back of the BU3000 marked PHONE. This will connect the telephone to the BU3000.

Step 4: Take provided phone cord and plug one end into the wall jack and the other end into BU3000 marked LINE.

Events and Alerts

All events and alerts recorded by the Home Curfew RF system are time/date stamped and downloaded to our central computer system. The BU3000 records and notifies on the following:

- **Arrivals:** The BU3000 detects the presence of the Bracelet within the range established and will report participant arrivals with accuracy. Every arrival is recorded.
- **Departures:** The BU3000 detects the absence of the Bracelet within the range established and will record and report participant departures with accuracy.

Up to 24 pairs of arrivals and departures can be scheduled daily and discrete grace periods can be set in any length from one second to multiple hours.

- **Curfew:** Failure to be in range of the BU3000 during the scheduled time
- **Must Leave:** Failure to be outside range of the Base Unit as scheduled
- **Bracelet Battery:** The bracelet battery is getting low and has approximately 30 days of battery life remaining
- **Bracelet Strap:** The bracelet strap has been compromised or removed from the Bracelet
- **Bracelet Case Tamper:** The Bracelet has been compromised
- **Base Unit AC Power Disconnected:** The power has been disconnected from the base unit
- **Base Unit Battery:** The BU3000 has been receiving power solely from the backup battery and the backup battery is approaching depletion
- **Base Unit Unable to Connect:** The BU3000 has missed its scheduled call
- **Base Unit Tamper:** The BU3000 has been compromised
- **Base Unit Location Untrusted:** The BU3000 has detected that it has been moved

Attenti Home Curfew Group Monitoring

Attenti's Home Curfew system also features Group Monitoring. Designed for use in a halfway house or other group residence, one Base Unit 3000 LTE (BU3000) continually monitors up to 15 participants and detects up to 50 additional bracelets within range.



Each participant wears a 2-Way Bracelet and is assigned their own Curfew and Away rules, schedules, and alert contacts. The BU3000 in the residence monitors and reports on events and alerts for all Group Monitoring participants.

Specifications

HOME CURFEW RF MONITORING SYSTEM 3000		
Base Unit 3000		
Dimensions	11.21L x 3.54H x 7.28W inches	
Weight	41.4 ounces	
FCC ID	LSQBU3000	
Backup Battery Life	58-hour backup battery	
Water Resistance	Splash resistant per Rain IPX2 standard	
Memory	> 30 days	
Operating Temperature Range	-20°C to +55°C	
Stored Temperature Range	-20°C to +50°C	
Humidity Range	98% at +20°C	
Communication	Voice and Data Transfer	
2-Way Bracelet		
Dimensions	2.95L × 0.97H × 1.91W inches	
Weight	1.7 ounces	
FCC ID	LSQTRX900F2	
Battery Life	12 months in operation; 3-year shelf life	
Water Resistance	Waterproof per IP68 standard, up to 66 ft	
Operating Temperature Range	-20°C to +71°C	
Stored Temperature Range	-40°C to +71°C	
Temperature cycling	-25°C to 40°C	
Humidity Range	95% from 25°C to 55°C	
Communication	Vibration	