

SMART® ACTIVE TRACKING

System Overview

Pro Tech's Wearable Miniature Tracking Device (WMTD) utilizes GPS satellites to establish an offender's location by utilizing the cellular network to transmit the data.



WMTD Communication and GPS Point Storage

- The standard WMTD call-in interval is once every hour while in compliance
- The WMTD will call Pro Tech as soon as a violation occurs, if a Contact is selected
- If the WMTD is not able to make a call because of poor cellular coverage, it will continue trying to call in until it is successful
- The WMTD collects a GPS point every minute. If a Geographic Rule is in violation, the WMTD will collect a GPS point every 15 seconds.

WMTD Indicator LEDs

There are three LEDs on the top of the WMTD, identified as **Power**, **GPS**, and **Zone**. The three LEDs work separately and provide the offender with information. It is possible for any LED to be flashing **Green** or **Red** and it is acceptable for the LEDs to be off. The WMTD will vibrate to provide an indication that the offender must look at the LEDs. The LEDs function as follows:



PWR LED

- This LED indicates the condition of the WMTD battery.
 - LED off and WMTD deactivated: Acts as a battery indicator during the activation process when the Alert Button is pressed
 - LED off and WMTD activated: The WMTD is in power save mode
 - LED blinking **Green**: The WMTD is either activated or in the process of being activated. The battery **does not need** to be charged
 - LED blinking **Red**: The WMTD is activated and the battery **requires** charging
- When the WMTD is connected to the charger, this LED will be solid (not flashing) **Green** or **Red**.
 - LED **Red**: The WMTD is **not fully charged** and should not be disconnected from the charger
 - LED **Green**: The WMTD battery **has been completely charged** and the charger may be disconnected

GPS LED

- LED off: In normal condition
- LED flashing **Green**: It will flash in unison with the flashing “ZONE” LED during activation
- LED flashing **Red**: Indicates a Motion No GPS warning or violation

ZONE LED

- LED off: In normal conditions
- LED flashing **Green**: It will flash in unison with the flashing “GPS” LED during activation
- LED flashing **Red**: Indicates an Inclusion or an Exclusion Zone warning or violation

Rule Definitions

Hardware Rules

WMTD Battery

- The battery is getting low and the device needs to be charged. The device must be charged for a minimum of two hours daily (the hours do not have to be consecutive). When the battery needs to be charged, the device will vibrate three times consecutively and then once every ten minutes until connected to the charger. During this time, the Power LED will blink **Red**.

Motion No GPS

- Occurs when the WMTD has accumulated 10 minutes of motion in a 60 minute period without receiving a signal from the GPS satellites. The device will vibrate three times consecutively and once every ten minutes until the violation has cleared by acquiring GPS. During this time, the GPS LED will blink **Red**.

WMTD Strap

- The strap has been compromised or removed from the WMTD. There will not be any notifications to the offender that this has occurred, unless the officer selects the **Notify Offender with Vibrate** option on this rule.

WMTD Alert Button Pressed

- When pressed, this button sends an alert to the contact. If the offender presses and holds the button for one second, a single vibration will occur. This will also send out a notification to the contact(s) specified on the rule.

WMTD Unable to Connect

- It has been over 2 ½ hours since the WMTD has contacted Pro Tech. This is normally due to poor cellular coverage in the area. The offender is not notified of the Unable to Connect. Once the WMTD is able to use the cellular network to call in, it will report the violation and download all tracking data.

WMTD Tamper

- The WMTD has been compromised in some form. There will not be any notification to the offender that this has occurred, unless the officer selects the **Notify Offender with Vibrate** option on this rule.

Rule Definitions Cont.

Geographic Rules

Zone Rules- The offender has violated a Zone set up by the user. The device will vibrate three times consecutively and once every ten minutes while still in violation, if the Notify With Vibrate feature is checked. The Zone LED will blink in **Red**.

- **Inclusion Zone**
 - Geographic areas like home, work, or school where the offender is confined during an officer defined schedule

- **Exclusion Zone**
 - Geographic areas used to define off-limits areas to the offender

Activating the WMTD Equipment



1. Press and hold the Alert Button on the front of the WMTD for 3 seconds. If the “PWR” LED is **Green** then proceed with activation. If the “PWR” LED is **Red** or does not light up at all, then the WMTD will need to be charged prior to activating.



2. Push tamper plugs into the back of the brackets of the WMTD. **Be sure to insert the left side first.**



3. Place the pin tray on a flat surface, such as a desk, and push one end of the strap into the pin tray until it is level with the “lip” of the pin tray. **Make sure that there is no gap between the end of the strap and the edge of the pin tray.**



4. Insert strap with attached pin tray into one side of the WMTD until it snaps in place.



5. Place the WMTD on the offender’s leg, just below the ankle bone.



6. Wrap the strap around the offender’s leg and measure to the line shown at right so that it allows approximately $\frac{1}{4}$ inch of space between the offender’s leg and the strap to ensure comfort.

Activating the WMTD Equipment Cont.



7. Using the strap cutters, cut the strap according to the measurement taken in step six. **Wipe off any fiber optic cable residue left on the strap after cutting has been completed.**



8. Place remaining pin tray on a flat surface and insert measured end of the underneath side (the bottom) of the strap into the pin tray.

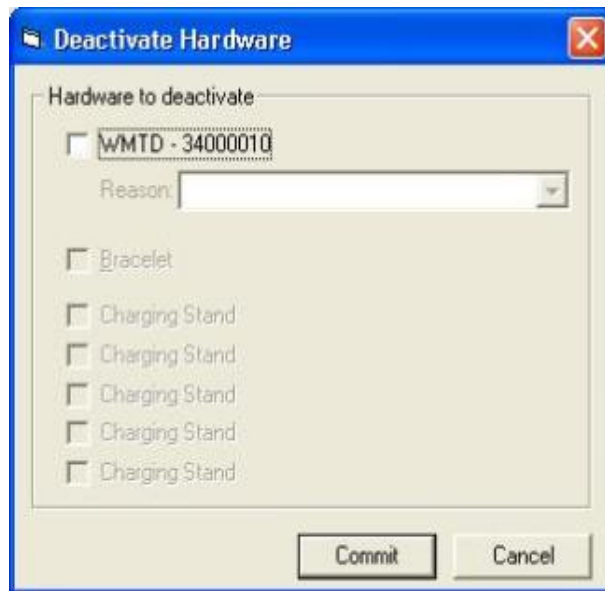


9. Place the WMTD on the offender's leg just below the ankle bone and insert the strap with attached pin tray into the bracket until it snaps in place.

10. Press and hold the Alert Button on the front of the WMTD for 3 seconds.
 - a. The WMTD will vibrate once and the "PWR" LED will begin to blink **Green**, indicating the WMTD is powered on.
 - b. The "GPS" and "ZONE" LED's will blink **Green** once every second. This indicates that the WMTD is attempting to make a wireless call.
 - c. The "GPS" and "ZONE" LED's will blink **Green** twice every second. This indicates that the WMTD is attempting to acquire GPS. The WMTD will need to be taken outside to acquire GPS.
 - d. **Once GPS has been acquired, the WMTD will vibrate once.** The "PWR" LED will continue to blink **Green** and the "GPS" and "ZONE" LED's will stop blinking. This indicates that activation has been successfully completed.

DEACTIVATING SYSTEM HARDWARE

- In PCE, go to the **Hardware** Tab and click the **Deactivate Hardware** button. The following screen will appear. Check the items that you wish to deactivate and the reason for the deactivation. Click the **Commit** button at the bottom of the screen.
- The WMTD needs to call in to download any stored information and receive the Deactivation Command



Removing the WMTD Equipment



1. Cut the strap by using the strap cutters and remove the WMTD from the offender's leg.



2. Using a Pro Tech flathead screwdriver, push on the tamper plugs to break them.



3. Use the screwdriver to remove the tamper plugs from the brackets.



4. Using the screwdriver, press down the latch attached to the pin tray.



5. While keeping the latch depressed, pull the strap with the attached pin trays out of each bracket .

6. Discard tamper plugs, pin trays and the straps.

Note: We recommend putting replacement tamper plugs into the brackets of the WMTD.

Note: Do NOT reuse the tamper plugs.

Note: Do NOT remove tamper plugs from the brackets of the WMTD unless there is a strap with an attached pin tray inside the bracket.

Enrolling an Offender Quick Reference

Open PCE.

Enter Contact Information

- Enter Demographic Information
- Select Time Zone
- Go to the Reports Tab
- Select which DVSR(s) you wish to receive
- SAVE**
- Select View and Refresh Contacts to Update the PCE server

NOTE: You only need to enter a contact one (1) time

Offender Information

- Enter Demographic Information
- Select Time Zone
- Select Level of Supervision (Equipment)
- Enter Personal information (optional)
- Enter Employment information (optional)
- Enter Educational information (optional)
- Enter Sentencing information, enter Offense (optional)
- Enter Photo (if desired)

Enter Rules

- Highlight specific Rule
- Do you want the offender to receive notice of the violation?
- Set a Grace Period (if desired)
- Enter Actions for Hardware Rules
- Choose a Contact; Page, Fax, Email

Enter Inclusion Rules for specific offender

- Choose a radius
- Choose a Grace Period (if desired)
- Choose In-Charger for Home Rule
- Do you want the offender to receive notice of violation?
- Map the Address (Survey Rule if necessary)
- Choose a schedule
- Choose a Contact; Page, Fax, Email

Enrolling an Offender Quick Reference Cont.

Enter Exclusion Rules for specific offender

- Choose a radius
- Choose a Grace Period (if desired)
- Choose In-Charger for Home Rule
- Do you want the offender to receive notice of violation?
- Map the Address (Survey Rule if necessary)
- Choose a schedule
- Choose a Contact; Page, Fax, Email
- SAVE**

Hardware Installation, Assignment and Activation

- Insert the tamper plugs into the brackets
- Place strap into pin tray and insert into the bracket
- Measure the strap, insert strap into pin tray and place on offender's ankle
- Assign WMTD to offender in PCE Hardware tab
- SAVE**
- Follow Activation Procedure on page 5
- Take unit outside to acquire GPS.
- Allow the WMTD to call in and wait until all of the LED lights (except for power) have stopped blinking
- Display Last Position in PCE
- The map and one GPS tracking point will appear.

Deactivation

- Choose offender in PCE
- Go to Hardware tab
- Choose Deactivate Hardware and Commit
- Select a reason for the deactivation of the WMTD

FCC Certification

The Wearable Miniature Tracking Device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- 1.) This device may not cause harmful interference and
- 2.) This device must accept any interference received, including interference that may cause undesired operation.

FCC ID: NC3WMTD3418

PRO TECH MONITORING IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

FCC Radio Frequency Exposure

This Ankle Worn radio device has been evaluated under FCC Bulletin OET 65C and found to be compliant with the requirements as set forth in evaluating compliance with FCC Guidelines for Human Exposure to Radio frequency Electromagnetic Fields. This device is to be used solely by law enforcement agencies for tracking purposes and must be professionally installed. The radiation output power of this Ankle Worn device falls below the FCC radio frequency exposure limits. The User must be informed that this device emits RF Energy and has been tested in an ankle worn configuration and found to comply with all health and welfare agencies. The antenna(s) used for this transmitter must not be co- located or operating in conjunction with any other antenna or transmitter. This device is approved with emissions having a source-based time-averaging duty factor not exceeding 2.5%.

Hereby, Pro Tech Monitoring Inc., declares that this GPS based tracking device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.