



**3M** Science.  
Applied to Life.™

# 1 Piece (Gen 4) User Manual

# 1 Piece (Gen 4) User Manual

January 8, 2016



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## **Table of Contents**

Overview .....	5
Operating Features.....	6
Operating Details.....	8
Communication.....	8
LEDs .....	9
Enrollment.....	13
Enroll a Contact.....	14
Contact Information Page .....	17
Enroll an Offender .....	18
Supervision Level.....	19
Map Offender's Address .....	23
Offender General Information Page.....	24
Create Schedule for Home Inclusion Zone .....	25
Create Exclusion Zone .....	29
Attaching the 1Piece.....	33
Unassign Hardware .....	35
Removing the 1 Piece (Gen 4).....	39
Appendix .....	40
Violations and Definitions.....	40
1 Piece (Gen 4) Self Test.....	42

## **Overview**

3M Electronic Monitoring's One-Piece GPS Offender Tracking Device (Gen 4) utilizes GPS satellites to establish an offender's location by utilizing the cellular network to transmit the data. It is a one-piece device that is worn on an offender's ankle and is able to function in active and passive mode.





## **Operating Features**

**Battery Life:** The device should be given a full charge (4.2 volts) to supply a full day of battery life. It takes approximately 2 to 2 ½ hours to acquire a full charge. The battery will last approximately 24-30 hours if fully charged. The daily life of the battery is dependent upon the call-in interval of the device, how often it goes to rest, and how many violations are created. The battery must be charged each day in order to continue to track your offender's locations.

**Vibrate feature:** The 1 Piece (Gen 4) will vibrate upon violation and when the device receives an alert from the officer. If the offender causes a violation, the 1 Piece (Gen 4) will vibrate three times consecutively and once every ten minutes until they clear the violation.

If the officer sends the offender a notification (an alert) to contact them, the 1 Piece (Gen 4) will vibrate for ten consecutive seconds. As soon as the offender acknowledges the notification, the vibration will stop. All three LED lights will be flashing red to indicate that the offender needs to acknowledge the officer's notification. If the offender doesn't acknowledge the notification, then every ten minutes it will vibrate once until they acknowledge the notification.

**Storing GPS Points:** The 1 Piece (Gen 4) will store an offender's location (GPS point) when in motion (moving) every minute. If the 1 Piece (Gen 4) does not experience any motion for two consecutive minutes, the 1 Piece (Gen 4) will go to "rest" and collect a GPS point every hour instead of each minute. As soon as any motion is generated, the 1 Piece (Gen 4) will resume recording points on a minute-to-minute basis. However, if the offender causes a geographic zone violation, the 1 Piece (Gen 4) will begin to store a point every 15 seconds.

**Call-in intervals:** The 1 Piece (Gen 4) will contact 3M Electronic Monitoring every hour while in active mode and every six hours while in passive mode. While in active mode, it will also contact 3M Electronic Monitoring immediately upon violation.

**Automatic Redial:** If the 1 Piece (Gen 4) is unable to communicate with 3M Electronic Monitoring because of poor cellular coverage, it will continue to try to call and download its information until it is successful.

**Waterproof:** The 1 Piece (Gen 4) is waterproof down to 66 feet.

## **Operating Features, Cont.**

**Hypoallergenic rubber strap:** The 1 Piece (Gen 4) strap is hypoallergenic and is designed to last up to nine months.

**Magnetized Charger:** The 1 Piece (Gen 4) has a magnetized charger to prevent an accidental disconnect when the battery is being recharged.

## **Operating Details**

### **Communication**

The 1 Piece (Gen 4) has a SIM card, which is similar to the data transmitter/receiver found in most cellular phones. The 1 Piece (Gen 4) uses the SIM card to transmit and download the GPS points and alarms it has recorded to 3M Electronic Monitoring's servers. The call-in intervals are determined by the agency's contract specifications. Examples may be hourly, every six hours, or immediately upon alarm.

#### **Active Mode:**

- The standard 1 Piece (Gen 4) call-in interval is once every hour while in compliance.
- The 1 Piece (Gen 4) will call 3M Electronic Monitoring as soon as a violation occurs.

#### **Passive Mode:**

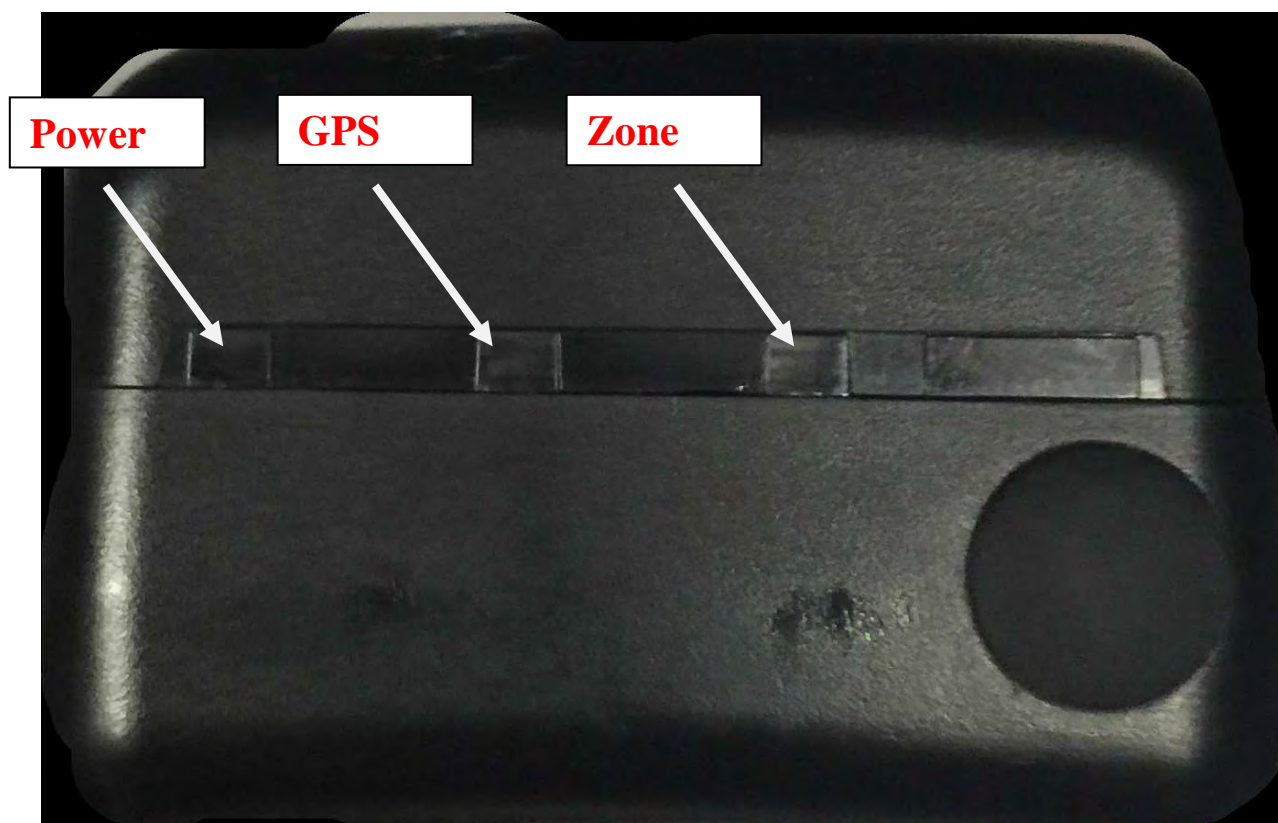
- The standard 1 Piece (Gen 4) call-in interval is once every six hours.
- The 1 Piece (Gen 4) will not call 3M Electronic Monitoring when a violation occurs. The officer will only be made aware of violations when they view the GPS maps or the Daily Event Summary Report (DESR) that is emailed to the officer.
- Violations will also be displayed in Case Management and on the Offender Monitor.



## Operating Details

### LEDs

There are three LEDs on the top of the 1 Piece (Gen 4), identified as **Power**, **GPS**, and **Zone**. The three LEDs work separately and provide the offender with information. The 1 Piece (Gen 4) will vibrate to provide an indication that the offender must look at the LEDs.



## Operating Details

### LEDs

#### Power

This LED indicates the condition of the 1 Piece (Gen 4) battery.

#### Prior to Activation:

Before activating the device, the officer should conduct a battery test. To do this, simply hold down the silver activation button for three seconds and observe the condition of the Battery LED.

- If the “PWR” LED is **green**, there is a sufficient charge to activate the 1 Piece (Gen 4).
- If the “PWR” LED is **red**, or does not light up at all, the 1 Piece (Gen 4) needs to be charged.

#### After Activation:

- If the “PWR” LED is blinking **green**, there is a sufficient charge.
- If the “PWR” LED is blinking **red**, the 1 Piece (Gen 4) needs to be charged.

#### 1 Piece (Gen 4) on Charger:

When the 1 Piece (Gen 4) is connected to the charger, the Power LED will be solid (not flashing) **green** or **red**.

- If the LED is **red**: The 1 Piece (Gen 4) is **not fully charged** and should not be disconnected from the charger
- If the LED is **green**: The 1 Piece (Gen 4) battery **has been completely charged** and the charger may be disconnected
- When the 1 Piece (Gen 4) is connected to the charger, it will vibrate once indicating a good connection. When the battery is fully charged, the 1 Piece (Gen 4) will vibrate once indicating that it is okay to remove from the charger.

## **Operating Details**

### **LEDs**

#### **GPS**

##### **Officer:**

- During activation, the officer will see this LED flashing **green** in unison with the flashing “Zone” LED.

##### **Offender:**

- In normal conditions, the GPS LED will be off.
- The offender will see this LED flashing **red** to indicate a Motion No GPS warning or violation. When the violation has cleared, the LED will stop blinking.

## **Operating Details**

### **LEDs**

#### **Zone**

##### **Officer:**

- During activation, the officer will see this LED flashing **green** in unison with the flashing “GPS” LED.

##### **Offender:**

- In normal conditions, the Zone LED will be off.
- The offender will see this LED flashing **red** to indicate an Inclusion or Exclusion Zone warning and/or violation. When the violation has been cleared, the LED will stop blinking.

## Enrollment

### EM Manager (Smart View) Log In

To access the secure website, go to <https://smartview.ptm.com>. You will be required to enter a user ID and password. When using EM Manager (Smart View) for the first time, you will create your own password. Enter your User ID (often your three initials and last four digits of your social security number), the temporary password that was emailed to you, and click OK. The next screen will tell you that your password has expired. Create your password, (**the password you select must contain at least 8 characters**), and click OK. You will now be logged into EM Manager (Smart View).

**Note: If you forget your password, click the *Forgot your Password* link. A new temporary password will be emailed to you. To create your new password, follow the instructions contained within the email.**

The image shows a screenshot of the 3M EM Manager login interface. At the top left is the red 3M logo. Below it, the text "3M Electronic Monitoring" and "EM Manager" are displayed. In the top right corner, there is a "Secure Login" button with a small lock icon. The main area contains two input fields: "User ID:" and "Password:", each followed by a white text box. Below these fields is a dark blue "Login" button. At the bottom center, there is a blue underlined link that says "Forgot Password?". The background of the login form has a faint, light blue pattern.

## Enroll a Contact

The *Enroll Contact* link is located on the left side of the Home page (see below). It is here that you will enter the officer's information (name, address, phone number, etc.), report types, and default notification settings.

1. Click the *Enroll Contact* link on the left side of the Home page.
2. You will be redirected to the Enroll Contact page (see below). Enter all Contact information.
3. Click **Save**.

**3M** About EM Manager | Contact Us | Logout Tom Officer

**EM Manager (Smart View)** What's New Options

Home View Tools Help

**OFFENDER**  
**Enroll Offender**  
 Quick Search:  
 Last Name:   
 First Name:   
 Search  
 Recent Offenders...  
 Advanced Search

**CONTACT**  
**Enroll Contact**  
 Quick Search:  
 Last Name:   
 First Name:   
 Search  
 Recent Contacts...  
 Advanced Search

**Home Page**

Welcome to EM Manager (Smart View)  
 Your Client Enrollment and Monitoring Web Service.

**Getting Started**

**Quick Search** – using the section on the left.

- Offender
- Contacts

**View** – located in the above menu

- Offender Monitors
- Case Management Tools
- View All Offenders' home addresses, home rules, and last positions
- View My Offenders' last positions

**Tools** – located in the above menu


- Offender Tracking (Offender Trax)
- Point Tracking (Point Trax)
- Crime Tracking (Crime Trax)
- Reports (Smart Reports)

Need assistance? [Contact Us](#). We'll be glad to help.

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## Enroll a Contact, Cont.


About EM Manager | Contact Us | Logout Tom Officer

**EM Manager (Smart View)**
What's New Options

Home View Tools Help

**OFFENDER**  
**Enroll Offender**  
Quick Search:  
Last Name:   
First Name:   
  
Recent Offenders...  
[Advanced Search](#)

**CONTACT**  
**Enroll Contact**  
Quick Search:  
Last Name:   
First Name:   
  
Recent Contacts...  
[Advanced Search](#)

**Enroll New Contact**

\* Customer: 3M-EM Training

Demographic Data

My Contact Record: ☒ (Associate this contact record with current user)

Custom ID1:

Custom ID2:

\* Last Name: Officer

\* First Name: Tom

\* Address: 8102 Sheldon Road

Address 2:

\* City: Tampa

\* State: Florida

\* Zip Code: 33626-

Phone Number: (813) 555-1234 Ext: 1259

Mobile Number: (813) 555-5678

Fax Number: (813) 555-9876

Pager Number: - No Pagers Available

Notification Email Address: tomo officer@doc.com

Notification Email Format: Standard

Notification Text Msg Address: 8135551234@att.txt.net

Notification Text Msg Format: Brief

Contact Type: - Select Item -

\* Time Zone: (GMT -05:00) Eastern Time
☒ - Daylight Saving Applies

Report Options

Reporting Email Address: tomo officer@doc.com

Daily Event Summary Report Case Management Activity Report

Receive Active Report: ☒ ☒

Receive Passive Report: ☐ ☐

Receive Hybrid Report: ☐ ☐

Receive RF Report: ☐ ☐

Receive Alcohol Report: ☐ ☐

Default Notification Options

Pager Notification: ☐

Fax Notification: ☐

Email Notification: ☒

Text Msg Notification: ☐

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## **Enroll a Contact, Cont.**

### **Demographic Data**

Enter the Contact's information.

- All fields with red asterisks (\*) are required fields.

### **Report Options**

Enter an email address where the selected reports will be sent.

Choose Daily Event Summary Report and/or Case Management Activity Report.

### **Default Notification Options**

Select the type of Notification you would like to be your default method. The notification method is dependent upon the information that you enter into the Notification Email or Text Message fields.

- Pager
- Fax
- E-mail
- Text Message

### **Finish Enrollment**

When you have completed the form, click **Save**.

## Contact Information Page

When you click **Save**, you will be taken to the Contact Information page (see below). Here, you can edit the contact information, as well as disable the contact.

1. To edit the contact information, move your mouse cursor over the Contact Functions dropdown menu and left click Edit.
2. To disable the contact, move your mouse cursor over the Contact Functions dropdown menu and left click Disable Contact.

**3M** EM Manager (Smart View) About EM Manager | Contact Us | Logout Tom Officer

Home View Tools Help What's New Options

**OFFENDER**  
Enroll Offender

Quick Search:  
Last Name:   
First Name:   
**Search**

Recent Offenders...   
Advanced Search

---

**CONTACT**  
Enroll Contact

Quick Search:  
Last Name:   
First Name:   
**Search**

Recent Contacts...   
Advanced Search

**Contact - Tom Officer**

Go To:

**Contact General Information**

**Contact Functions**

**Contact's User Record:** Tom Officer  
**Customer:** 3M EM Training  
**Custom ID1:**  
**Custom ID2:**  
**Name:** Tom Officer  
**Address:** 8102 Sheldon Road  
**City, State Zip Code:** Tampa, FL 33626  
**Phone Number:** (813) 555-1234 ext 1259  
**Mobile Number:** (813) 555-5678  
**Fax Number:** (813) 555-9876  
**Pager Number:**  
**Email Address:** [tomofficer@doc.com](mailto:tomofficer@doc.com) (Standard format)  
**Text Msg Address:** [8135551234@att.txt.net](mailto:8135551234@att.txt.net) (Brief format)  
**Contact Type:** Officer  
**Time Zone:** (GMT -05:00) Eastern Time (DST Applies)

**Report Options**

**Reporting Email Address:** [tomofficer@doc.com](mailto:tomofficer@doc.com)

	<u>Daily Event Summary Report</u>	<u>Case Management Activity Report</u>
Receive Active Report:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Receive Passive Report:	<input type="checkbox"/>	<input type="checkbox"/>
Receive Hybrid:	<input type="checkbox"/>	<input type="checkbox"/>
Receive RF Report:	<input type="checkbox"/>	<input type="checkbox"/>
Receive Alcohol Report:	<input type="checkbox"/>	<input type="checkbox"/>

**Default Notification Options**

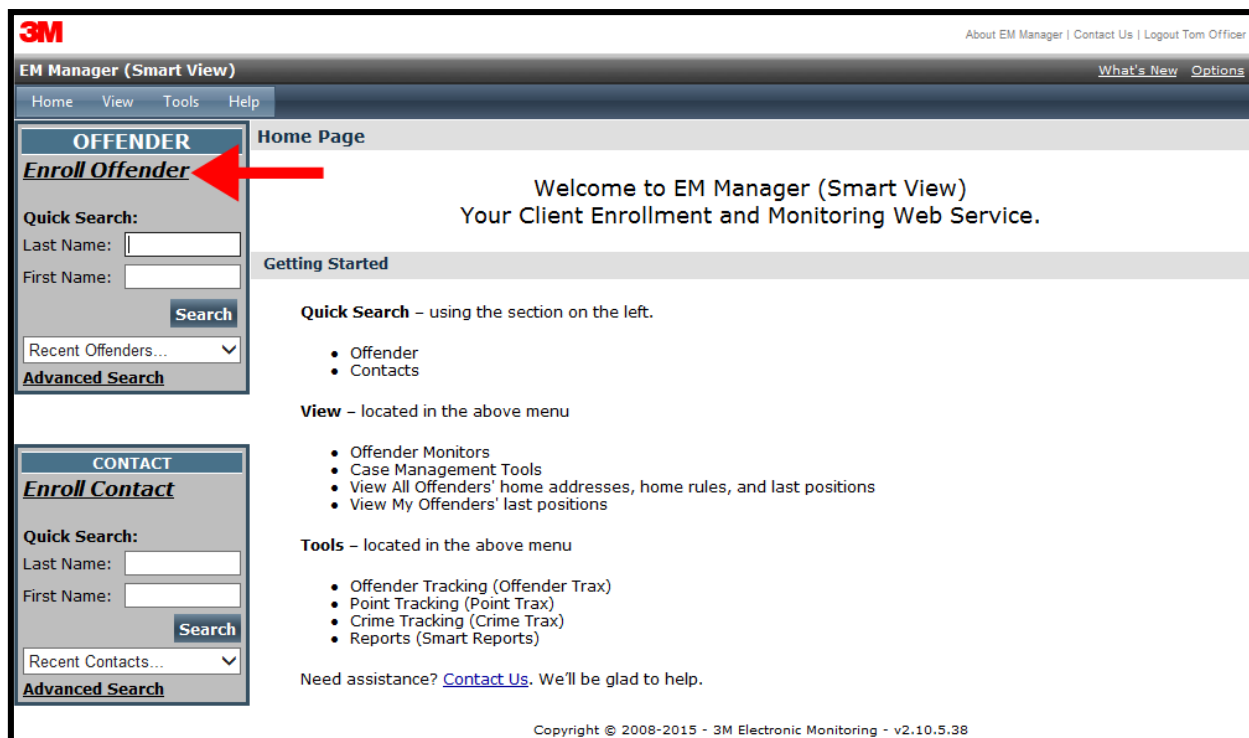
**Pager Notification:** ☐  
**Fax Notification:** ☐  
**Email Notification:** ☒  
**Text Msg Notification:** ☐

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## Enroll an Offender

The *Enroll Offender* link is located on the left side of the Home page (see below).

1. Click the *Enroll Offender* link.



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EM Manager (Smart View) What's New Options

Home View Tools Help

**OFFENDER**

**Enroll Offender**

Quick Search:

Last Name:

First Name:

Recent Offenders...

**Advanced Search**

**CONTACT**

**Enroll Contact**

Quick Search:

Last Name:

First Name:

Recent Contacts...

**Advanced Search**

**Home Page**

Welcome to EM Manager (Smart View)  
Your Client Enrollment and Monitoring Web Service.

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- Point Tracking (Point Trax)
- Crime Tracking (Crime Trax)
- Reports (Smart Reports)

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## Supervision Level

Clicking on the *Enroll Offender* link will redirect you to the Level of Supervision page (see below).

1. Click on the Level of Supervision drop down menu.
2. Select your Level of Supervision (see below).
3. Click the **Continue** button.

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EM Manager (Smart View) What's New Options

Home View Tools Help

**OFFENDER**  
*Enroll Offender*

Quick Search:  
Last Name:   
First Name:   
Search  
Recent Offenders...  
Advanced Search

**CONTACT**  
*Enroll Contact*

Quick Search:  
Last Name:   
First Name:   
Search  
Recent Contacts...  
Advanced Search

**Enroll New Offender**

\* Customer: 3M EM Training

\* Level of Supervision:

- Select Item -
- 1 Piece WMTD Home Curfew RF
- Active 1 Piece GPS (Gen 4)
- Active 1 Piece (WMTD) Beacon
- Active 2 Piece (MTD)
- Active 2 Piece (XT-Data)
- Active 2 Piece (XT-Voice)
- Home Curfew RF
- Home Curfew RF (BU Cellular)

Cancel

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## Offender Enrollment

After selecting the Level of Supervision, you will be redirected to the Enroll Offender page (see below). It is here that you will select an Assigned Officer, enter the Offender's Information, select the Notification Contact and Method, Assign Hardware, and select the Basic Rule Setup.

**EM Manager (Smart View)** About EM Manager | Contact Us | Logout Tom Officer

Home View Tools Help

**OFFENDER** **Enroll New Offender**

**Enroll Offender**

Quick Search:  
Last Name:   
First Name:   
Search  
Recent Offenders...  
Advanced Search

Quick Search:  
Last Name:   
First Name:   
Search  
Recent Contacts...  
Advanced Search

\* Customer: 3M EM Training  
\* Level of Supervision: Active 1 Piece GPS (Gen 4)

**Demographic Data**

Assigned Officer: Officer, Tom  
Custom ID1:   
Custom ID2:   
\* Last Name: Offender  
\* First Name: Steve  
Date of Birth: 7/25/1980  
\* Address: 1838 Gunn Hwy  
Address 2:   
\* City: Odessa  
\* State: Florida  
\* Zip code: 33556-  
County: Pasco  
\* Coordinates (lat,lon): (28.185287,-82.590628) Map  
Mobile Number: (813) 555-1212  
Home/Secondary Number: (813) 555-2323  
Email: steveoffender@doc.com  
Offender Type: Other/Unspecified  
Comments:   
\* Time Zone: (GMT -05:00) Eastern Time  
☒ - Daylight Saving Applies  
Picture: \\hqfp02\share\users\jaben\ Browse...

**Hardware Assignment**

Assign 1 Piece GPS (Gen 4): 34400191 (CDMA-V)

**Basic Rule Setup**

Home Zone: ☒ - Create default Home Zone from home address  
Home Zone Shape: ☒ Standard ☐ Circle

**Notification Contacts**

Contact Name	Pager	Fax	Email	Txt Msg
Officer, Tom	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Add

Contact Name	Page	Fax	Email	Txt Msg
Officer, Tom	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Delete

Save Cancel

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## Offender Enrollment, Cont.

### Demographic Data

1. Enter the Offender's Information.
  - All fields with red asterisks (\*) are required fields
2. Click the **Map** button to geo-code the offender's address. This is required if you are creating a Home Inclusion Zone for the offender (see page 19 for more information).
3. Select the Offender Type.
4. Select the Time Zone.

### Hardware Assignment

5. Locate the serial number on the device.
6. Click on the drop down menu and select that serial number for the device.

### Basic Rule Setup

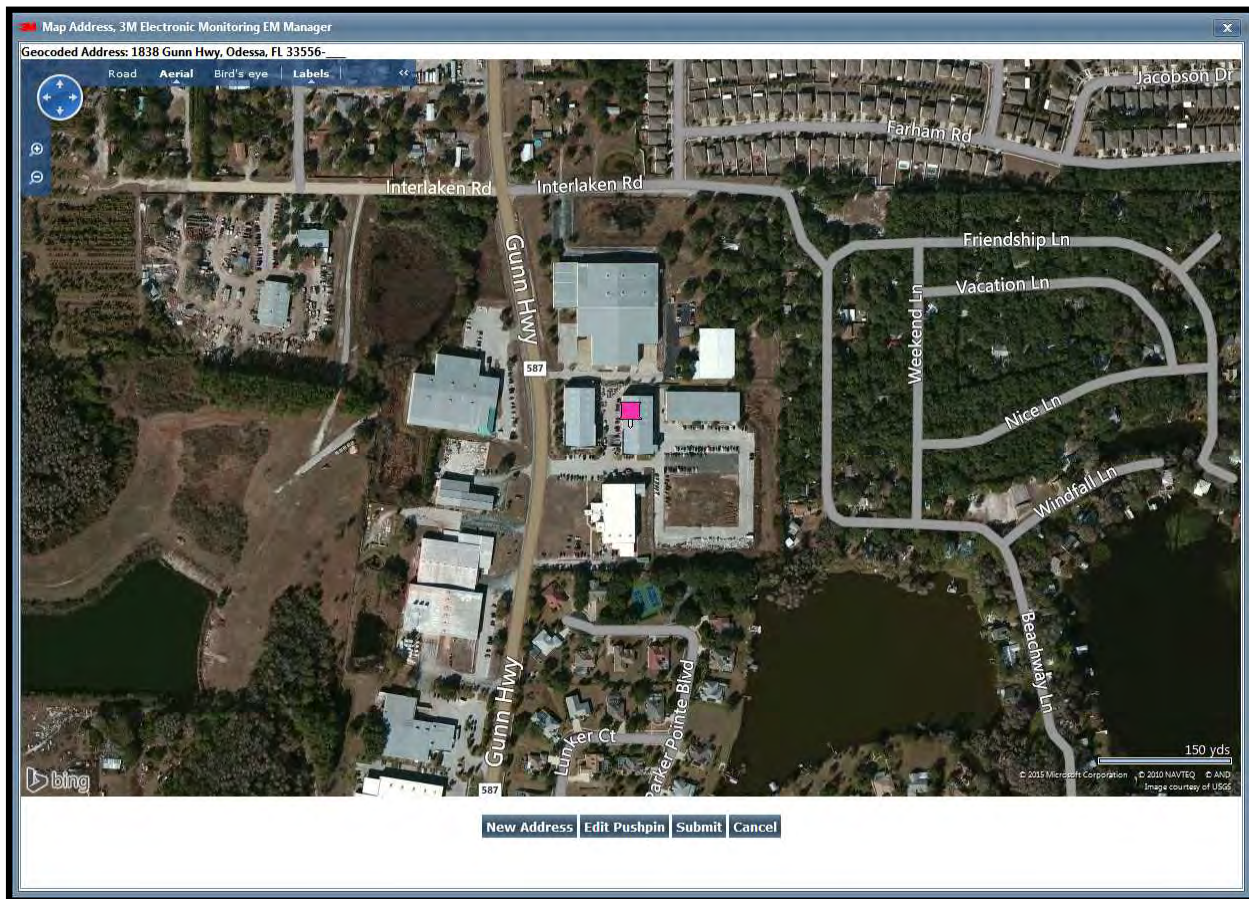
7. Click the box next to Create Default Home Zone from Home Address. For information on how to edit the schedule for the Home Rule, refer to page 21.
8. Choose the appropriate Contact from the Notification Contact drop down list. The selected Contact will be notified for **all** rules.
9. Click the **Add** button.
10. Select the type of Notification (if you haven't chosen your Default Notification Method on your Contact record)
  - Pager
  - Fax
  - E-mail
  - Text Message

### Finish Enrollment

11. When you have completed entering the information, click **Save**.

## Map Offender's Address

Clicking the **Map** button on the Offender Enrollment screen will generate a map that displays a pushpin at the offender's residence. Ensure that the pushpin location is correct and click the **Submit** button. It is also possible to edit the location by clicking the **Edit Pushpin** button.



## Offender General Information Page

When Enrollment has been completed, you will be redirected to the Offender General Information page (see below). Here, you can Edit Offender Information, Disable the Offender, View GPS Points, Unassign Hardware, Edit Rules, Send Alerts, and Download Points.

The screenshot displays the 3M EM Manager (Smart View) interface. The top navigation bar includes links for Home, View, Tools, and Help. The main content area is titled "Offender - Steve Offender" and shows a status of "Okay (1 Piece GPS (Gen 4) Activate Pending)" with "Device Last Charged: Never". Below this, there are buttons for "View GPS Points", "Event History", "Download Points", and "Send Alert". The "Offender General Information" section lists details such as Name (Steve Offender), Customer (3M EM Training), Level of Supervision (Active 1 Piece GPS (Gen 4)), Assigned Officer (Tom Officer), Enrollment Date (11/12/2015 3:18 PM), Custom ID1, Custom ID2, Address (1838 Gunn Hwy, Odessa, FL 33556, Pasco), Mobile Number (813) 555-1212, Home/Secondary Number (813) 555-2323, Email (steveoffender@doc.com), Offender Type (Other/Unspecified), and Comments. A "Picture" tab is active, showing a placeholder image with a "See larger image" link. The "Assigned Hardware Information" section shows "1 Piece GPS (Gen 4): 34400191 (Activate Pending, CDMA-V)". The "Rule Information" section contains a table with columns: Name, Type, Distance, Grace Period, Has Actions, and Status.

Name	Type	Distance	Grace Period	Has Actions	Status
Home	Inclusion (Home)	600 ft	00:00:00	Yes	Pending Active
1 Piece GPS (Gen 4) Battery	Hardware	N/A	00:30:00	Yes	Pending Active
1 Piece GPS (Gen 4) Motion No GPS	Hardware	N/A	00:10:00	Yes	Pending Active
1 Piece GPS (Gen 4) Strap	Hardware	N/A	N/A	Yes	Pending Active
1 Piece GPS (Gen 4) Tamper	Hardware	N/A	N/A	Yes	Pending Active
1 Piece GPS (Gen 4) Unable To Connect	Hardware	N/A	00:00:00	Yes	Active

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## Create Schedule for Home Inclusion Zone

1. Click on the Home Rule (see below).

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**EM Manager (Smart View)** [What's New](#) [Options](#)

Home View Tools Help

**OFFENDER**  
Enroll Offender

Quick Search:

Last Name:

First Name:

Recent Offenders...

Advanced Search

**Offender - Steve Offender**


● Okay (1 Piece GPS (Gen 4) Activate Pending)  
Device Last Charged: Never

Go To:

**Offender General Information**

**Name:** Steve Offender  
**Customer:** 3M EM Training  
**Level of Supervision:** Active 1 Piece GPS (Gen 4)  
**Assigned Officer:** [Tom Officer](#)  
**Enrollment Date:** 11/12/2015 3:18 PM  
**Custom ID1:**  
**Custom ID2:**  
**Address:** [1838 Gunn Hwy](#)  
**City, State Zip code:** [Odessa, FL 33556](#)  
**County:** [Pasco](#)  
**Mobile Number:** (813) 555-1212  
**Home/Secondary Number:** (813) 555-2323  
**Email:** steveoffender@doc.com  
**Offender Type:** Other/Unspecified  
**Comments:**  
**Time Zone:** (GMT -05:00) Eastern Time (DST Applies)

**Offender Functions**




[See larger image](#)

**Assigned Hardware Information**

**1 Piece GPS (Gen 4):** 34400191 (Activate Pending, CDMA-V)

**Rule Information**

Name	Type	Distance	Grace Period	Has Actions	Status
Home	Inclusion (Home)	600 ft	00:00:00	Yes	Pending Active
1 Piece GPS (Gen 4) Battery	Hardware	N/A	00:30:00	Yes	Pending Active
1 Piece GPS (Gen 4) Motion No GPS	Hardware	N/A	00:10:00	Yes	Pending Active
1 Piece GPS (Gen 4) Strap	Hardware	N/A	N/A	Yes	Pending Active
1 Piece GPS (Gen 4) Tamper	Hardware	N/A	N/A	Yes	Pending Active



## Create Schedule for Home Inclusion Zone, Cont.

2. Move your cursor over the Rules Functions drop-down menu and left click Edit..

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**EM Manager (Smart View)** [What's New](#) [Options](#)

Home View Tools Help

**OFFENDER**  
Enroll Offender

Quick Search:

Last Name:

First Name:

Recent Offenders...

[Advanced Search](#)

**Offender - Steve Offender**

● **Okay (1 Piece GPS (Gen 4) Activate Pending)**  
Device Last Charged: Never

Go To:

---

**General Rule Information**

Zone Type: Inclusion (Home)  
 Zone Shape: Standard Zone  
 Rule Name: Home  
 Address: 1838 Gunn Hwy  
 City, State Zip code: Odessa, FL 33556  
 Zone Size: 600 feet  
 Coordinates: 28.185287, -82.590828   
 Display Border Only: No  
 Grace Period: 00:00:00 (hh:mm:ss)  
 Offender Notification: Yes

**Rule Functions**

- 
- 
- 
- 
- 
-

**CONTACT**  
Enroll Contact

Quick Search:

Last Name:

First Name:

Recent Contacts...

[Advanced Search](#)

**Notification Contacts**

Notify On Clear: No

Contact	Rcv Page	Rcv Fax	Rcv Email	Rcv Txt Msg
Officer, Tom	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Permanent Rule Schedule**

	12am	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12pm	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00
Monday																								
Tuesday																								
Wednesday																								
Thursday																								
Friday																								
Saturday																								
Sunday																								

## Create Schedule for Home Inclusion Zone, Cont.

- You will be redirected to the Edit Rule page. Scroll down to the Permanent Rule Schedule.

**3M** About EM Manager | Contact Us | Logout Tom Officer

**EM Manager (Smart View)** [What's New](#) [Options](#)

Home View Tools Help

---

**OFFENDER**  
*Enroll Offender*

Quick Search:  
Last Name:   
First Name:   
**Search**

Recent Offenders...   
**Advanced Search**

**Offender - Steve Offender**

● **Okay (1 Piece GPS (Gen 4) Activate Pending)**  
Device Last Charged: Never

---

**General Rule Information**

Zone Type: ☒ Inclusion ☐ Exclusion

Zone Shape: ☒ Standard ☐ Circle ☐ Free Form

---

**Inclusion Zone Type:**

**Rule Name:**

**Address:**

**Address 2:**

**City:**

**State:**

**Zip code:**

**Copy Address From:**

**Zone Size:**  ☒ Feet ☐ Miles

**Coordinates:**  **Map**

**Display Border Only:** ☐ Yes ☒ No

**Grace Period:**

**Notify Offender If Violated:** ☒ Yes ☐ No

---

**Notification Contacts**

**Notify Contact on Clear:** ☐ Yes ☒ No

Name	Page	Fax	Email	Txt Msg	Update Status
Officer, Tom	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="Delete"/>

☐
☐
☐
☐

---

**Permanent Rule Schedule** **Copy From ...**

	12am	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12pm	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	
All																									
Monday																									



## Create Schedule for Home Inclusion Zone, Cont.

4. Each block represents a 30 minute increment of time. Left-click and drag the cursor along the blocks during the times that the offender is required to be home. As you move the cursor, the blocks will turn **blue**. The white blocks that remain equal the times that the offender is allowed to be out of the home (see below).
5. Click the **Save** button.

Permanent Rule Schedule																			Copy From ...					
All	12am	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12pm	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00
Monday																								
Tuesday																								
Wednesday																								
Thursday																								
Friday																								
Saturday																								
Sunday																								
Starts Monday 12:00 AM, Ends Monday 8:00 AM Starts Monday 8:00 PM, Ends Tuesday 8:00 AM Starts Tuesday 8:00 PM, Ends Wednesday 8:00 AM Starts Wednesday 8:00 PM, Ends Thursday 8:00 AM Starts Thursday 8:00 PM, Ends Friday 8:00 AM Starts Friday 8:00 PM, Ends Saturday 8:00 AM																								
Notes:																								

## Create Exclusion Zone

You can create an Exclusion Rule to ensure that the offender is not entering areas which are forbidden – such as schools, playgrounds, and victims' residences.

1. Move your cursor over the Rule Functions menu (see below). This will generate the Rule Functions menu.
2. Click Add Zone.

**EM Manager (Smart View)**

Home View Tools Help

About EM Manager | Contact Us | Logout Tom Officer

**OFFENDER**

**Enroll Offender**

Quick Search:

Last Name:

First Name:

**Search**

Recent Offenders...

**Advanced Search**

**CONTACT**

**Enroll Contact**

Quick Search:

Last Name:

First Name:

**Search**

Recent Contacts...

**Advanced Search**

**Offender - Steve Offender**

Okay (1 Piece GPS (Gen 4) Activate Pending)  
Device Last Charged: Never

Go To:

**View GPS Points** **Event History** **Download Points** **Send Alert**

**Offender General Information** **Offender Functions**

**Name:** Steve Offender  
**Customer:** 3M EM Training  
**Level of Supervision:** Active 1 Piece GPS (Gen 4)  
**Assigned Officer:** Tom Officer  
**Enrollment Date:** 11/12/2015 3:18 PM  
**Custom ID1:**  
**Custom ID2:**  
**Address:** 1838 Gunn Hwy  
**City, State Zip code:** Odessa, FL 33556  
**County:** Pasco  
**Mobile Number:** (813) 555-1212  
**Home/Secondary Number:** (813) 555-2323  
**Email:** steveoffender@doc.com  
**Offender Type:** Other/Unspecified  
**Comments:**  
**Time Zone:** (GMT -05:00) Eastern Time (DST Applies)

**Assigned Hardware Information** **Hardware Functions**

**1 Piece GPS (Gen 4):** 34400191 (Activate Pending, CDMA-V)

**Rule Information** **Rule Functions**

Name	Type	Distance	Grace Period	Act	
Home	Inclusion (Home)	600 ft	00:00:00	Yes	Pending Active
1 Piece GPS (Gen 4) Battery	Hardware	N/A	00:30:00	Yes	Pending Active
1 Piece GPS (Gen 4) Motion No GPS	Hardware	N/A	00:10:00	Yes	Pending Active
1 Piece GPS (Gen 4) Strap	Hardware	N/A	N/A	Yes	Pending Active
1 Piece GPS (Gen 4) Tamper	Hardware	N/A	N/A	Yes	Pending Active
1 Piece GPS (Gen 4) Unable To	Hardware	N/A	00:00:00	Yes	Active

**Add Zone**  
**Replicate Actions**

## Create Exclusion Zone, Cont.

3. Choose a Zone Shape.
4. Choose Exclusion as the Zone Type.
5. Click the **Continue** button.

**3M** About EM Manager | Contact Us | Logout Tom Offier

**EM Manager (Smart View)** Home View Tools Help

**OFFENDER** Offender - Steve Offender

Enroll Offender

**Quick Search:**  
Last Name:   
First Name:   
**Search**  
Recent Offenders...   
Advanced Search

**CONTACT**

Enroll Contact

**Quick Search:**  
Last Name:   
First Name:   
**Search**  
Recent Contacts...   
Advanced Search

Okay (1 Piece GPS (Gen 4) Activate Pending)  
Device Last Charged: Never

**General Rule Information**

**Zone Template:**  **Select** **Reset**

**Zone Type:** ☐ Inclusion ☒ Exclusion

**Zone Shape:** ☒ Standard ☐ Circle ☐ Free Form

**Continue** **Cancel**

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## Create Exclusion Zone, Cont.

6. Enter the Rule Name (school, playground, etc.).
7. Enter the address information and the zone size. The default is 600 ft.
8. Select Yes or No if you want to notify the offender upon violation.
9. Choose the appropriate Contact from the Notification Contact drop down list.  
The contact's default notification method will appear selected.
10. Click the **Add** button.
11. Click the **Map** button.

**3M** About EM Manager | Contact Us | Logout Tom Officer

**EM Manager (Smart View)** What's New Options

Home View Tools Help

**OFFENDER**  
Enroll Offender

Quick Search:

Last Name:

First Name:

**Search**

Recent Offenders...

Advanced Search

**Offender - Steve Offender**

☒ Okay (1 Piece GPS (Gen 4) Activate Pending)  
Device Last Charged: Never

---

**General Rule Information**

Zone Type: ☐ Inclusion ☒ Exclusion

Zone Shape: ☒ Standard ☐ Circle ☐ Free Form

---

Rule Name:

Address:

Address 2:

City:

State:

Zip code:

Zone Size:  ☒ Feet ☐ Miles

Coordinates:  **Map**

Display Border Only: ☐ Yes ☒ No

Grace Period:

Notify Offender If Violated: ☒ Yes ☐ No

**Notification Contacts**

Notify Contact on Clear: ☐ Yes ☒ No

Name	Page	Fax	Email	Txt Msg	Update Status	
Officer, Tom	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Update Pending	<b>Delete</b>

☐
☐
☐
☒
**Add**

**Permanent Rule Schedule** **Copy From ...**

	12am	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12pm	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00
All																								
Monday																								
Tuesday																								
Wednesday																								



## Create Exclusion Zone, Cont.

12. Ensure that the address and zone size is correct.
13. If you want to resize or move the zone, click the **Move/Resize** button.
14. If you move or resize the zone, click the **Finish Move/Resize** button.
15. Click the **Submit** button.



## **Attaching the 1 Piece (Gen 4)**

### **Step 1:**

Press and hold the Activate Button on the front of the 1 Piece (Gen 4) for one second. If the “PWR” LED is green, proceed with activation. If the “PWR” LED is red or does not light up at all, the 1 Piece (Gen 4) needs to be charged prior to activating.

### **Step 2:**

Push tamper plugs into the back of the brackets of the 1 Piece (Gen 4). **Be sure to insert the left side first.** After the left side has been secured, press the right side of the tamper plug down.

### **Step 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.

**Ensure that there is no gap between the end of the strap and the edge of the pin tray.**

### **Step 4:**

Insert strap with attached pin tray into one side of the 1 Piece (Gen 4) until it snaps in place.

### **Step 5:**

Place the 1 Piece (Gen 4) on the offender’s leg, just below the ankle bone.



## Attaching the 1 Piece (Gen 4), Cont.

### Step 6:

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

### Step 7:

Use the strap cutters to 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.**

### Step 8:

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

### Step 9:

Place the 1 Piece (Gen 4) 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.

### Step 10:

Press and hold the Activate Button on the front of the 1 Piece (Gen 4) for three seconds. Note: there will be an initial, brief feedback vibration that indicates the button is being pushed. Continue to hold down the button.

**A.** The 1 Piece (Gen 4) will vibrate once and the "PWR" LED will begin to blink green, indicating the 1 Piece (Gen 4) is powered on.

**B.** The "GPS" and "ZONE" LED's will blink **green** once every second. This indicates that the 1 Piece (Gen 4) is attempting to make a wireless call.

**C.** The "GPS" and "ZONE" LEDs will blink **green** twice every second. This indicates that the 1 Piece (Gen 4) is attempting to acquire GPS. The 1 Piece (Gen 4) must now be taken outside to acquire GPS.

**D.** Once GPS has been acquired, the 1 Piece (Gen 4) will vibrate three times. The "PWR" LED will continue to blink **green** and the "GPS" and "ZONE" LEDs will stop blinking. This indicates that activation has been successfully completed.

## Unassigning Hardware

1. Move your cursor over the Hardware Functions dropdown menu and left click Unassign.

**EM Manager (Smart View)**

Home View Tools Help

**OFFENDER**  
**Enroll Offender**

Quick Search:  
Last Name:   
First Name:   
**Search**  
Recent Offenders...  
**Advanced Search**

**CONTACT**  
**Enroll Contact**

Quick Search:  
Last Name:   
First Name:   
**Search**  
Recent Contacts...  
**Advanced Search**

**Offender - Steve Offender**

**Cleared - 1 Piece GPS (Gen 4) Strap (3.69 Volts)**  
**Device Last Charged:** 11/13/15 1:10:28 PM - 1:01 hrs

Go To:  **View GPS Points** **Event History** **Download Points** **Send Alert**

**Offender General Information** **Offender Functions**

**Name:** Steve Offender  
**Customer:** 3M EM Training  
**Level of Supervision:** Active 1 Piece GPS (Gen 4)  
**Assigned Officer:** [Tom Officer](#)  
**Enrollment Date:** 11/12/2015 3:18 PM  
**Custom ID1:**  
**Custom ID2:**  
**Address:** [1838 Gunn Hwy](#)  
**City, State Zip code:** [Odessa, FL 33556](#)  
**County:** [Pasco](#)  
**Mobile Number:** (813) 555-1212  
**Home/Secondary Number:** (813) 555-2323  
**Email:** [steveoffender@doc.com](mailto:steveoffender@doc.com)  
**Offender Type:** Other/Unspecified  
**Comments:**  
**Time Zone:** (GMT -05:00) Eastern Time (DST Applies)

**Assigned Hardware Information**

**1 Piece GPS (Gen 4):** 34400191 (CDMA-V)

**Rule Information**

Name	Type	Distance	Grace Period	Has Actions	Status
School	Exclusion	600 ft	00:00:00	Yes	Active
Home	Inclusion (Home)	600 ft	00:00:00	Yes	Active
1 Piece GPS (Gen 4) Battery	Hardware	N/A	00:30:00	Yes	Active
1 Piece GPS (Gen 4) Motion No GPS	Hardware	N/A	00:10:00	Yes	Active
1 Piece GPS (Gen 4) Strap	Hardware	N/A	N/A	Yes	Active
1 Piece GPS (Gen 4) Tamper	Hardware	N/A	N/A	Yes	Active
1 Piece GPS (Gen 4) Unable To Connect	Hardware	N/A	00:00:00	Yes	Active

**Hardware Functions**

- Unassign
- Send Alert
- Download Points

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## Unassigning Hardware, Cont.

2. Click the checkbox next to the 1 Piece (Gen 4) (see below).
3. Click on the drop-down menu and select a reason for unassignment. This is required.

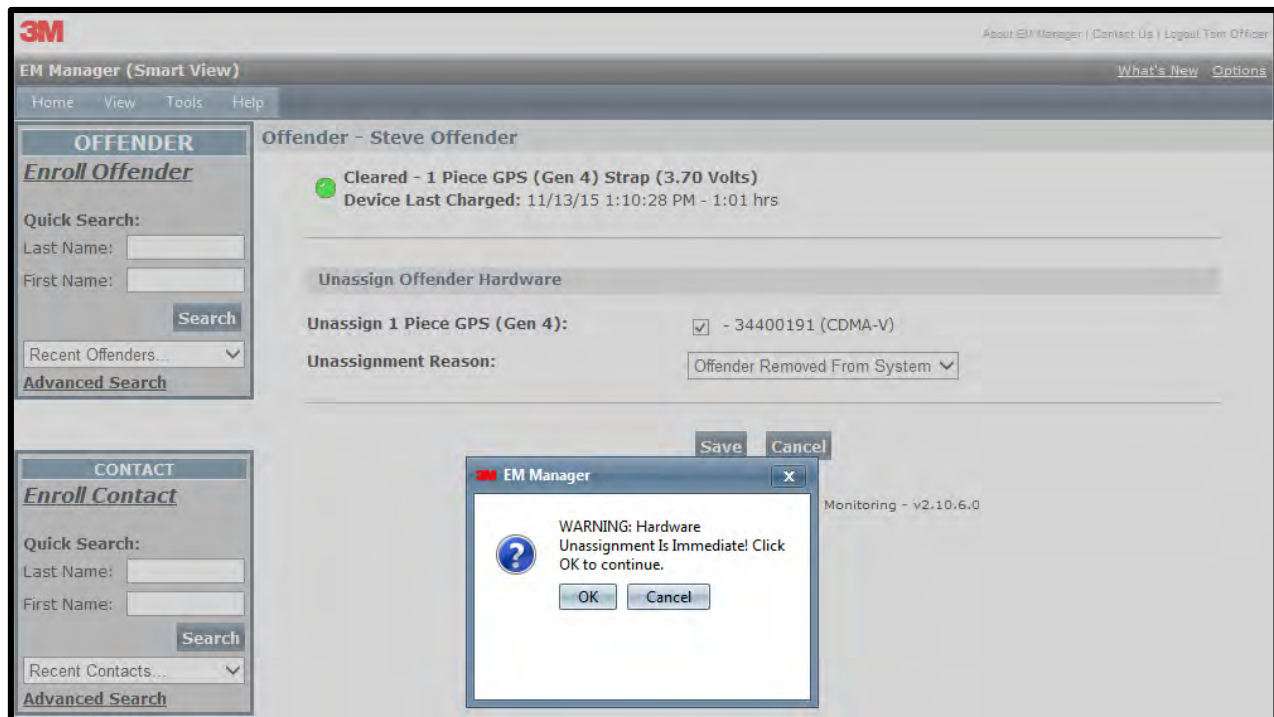
The screenshot displays the 3M EM Manager (Smart View) interface. The top navigation bar includes links for 'About EM Manager', 'Contact Us', and 'Logout Tom Officer'. The main header shows 'EM Manager (Smart View)' and 'What's New' / 'Options'.

On the left, there are two sidebar panels: 'OFFENDER' and 'CONTACT'. The 'OFFENDER' panel includes a 'Quick Search' section with fields for 'Last Name' and 'First Name', a 'Search' button, and a 'Recent Offenders...' dropdown. Below it is an 'Advanced Search' link. The 'CONTACT' panel has a similar 'Quick Search' section and an 'Advanced Search' link.

The main content area is titled 'Offender - Steve Offender'. It shows a status 'Cleared - 1 Piece GPS (Gen 4) Strap (3.70 Volts)' and 'Device Last Charged: 11/13/15 1:10:28 PM - 1:01 hrs'. Below this is a section titled 'Unassign Offender Hardware'. Underneath, it says 'Unassign 1 Piece GPS (Gen 4):' followed by a checked checkbox and '- 34400191 (CDMA-V)'. The 'Unassignment Reason:' section has a dropdown menu open, showing options: '- Select Item -', 'Offender Removed From System', 'Failed To Activate', 'GPS Problem', 'Battery Problem', 'Hardware Failure', 'External Damage', 'Switched to Active', 'Arrest / Violation', 'Program Completion', 'Switched to Passive', 'Medical', 'Other', and 'Absconded'. A red exclamation mark and the text '! Required' are next to the dropdown. At the bottom, there is a copyright notice 'Copyright © 2008-2' and a version number '6.0'.

## Unassigning Hardware, Cont.

4. Click the **Save** button. A popup will generate with a warning that the unassignment is immediate.
5. Click OK.



## Unassigning Hardware, Cont.

- You will be returned to the Offender Information page, where the hardware will be pending unassignment. The device is now required to call 3M Electronic Monitoring and transmit its final data. The hardware will only be unassigned once this final call has occurred.

**3M** About EM Manager | Contact Us | Logout Tom Officer

**EM Manager (Smart View)** What's New Options

Home View Tools Help

**OFFENDER**  
Enroll Offender

Quick Search:

Last Name:

First Name:

Recent Offenders...

Advanced Search

**Offender - Steve Offender**


● **Okay (1 Piece GPS (Gen 4) Unassign Pending, 4.19 Volts)**  
Device Last Charged: 11/13/15 1:10:28 PM - 1:01 hrs

Go To:

**Offender General Information**

**Name:** Steve Offender  
**Customer:** 3M EM Training  
**Level of Supervision:** Active 1 Piece GPS (Gen 4)  
**Assigned Officer:** [Tom Officer](#)  
**Enrollment Date:** 11/12/2015 3:18 PM  
**Custom ID1:**  
**Custom ID2:**  
**Address:** [1838 Gunn Hwy](#)  
**City, State Zip Code:** [Odessa, FL 33556](#)  
**County:** [Pasco](#)  
**Mobile Number:** (813) 555-8888  
**Home/Secondary Number:** (813) 555-9999  
**Email:** steveoffender@doc.com  
**Offender Type:** Other/Unspecified  
**Comments:**  
**Time Zone:** (GMT -05:00) Eastern Time (DST Applies)

**Offender Functions**



[See larger image](#)

**Assigned Hardware Information**

**1 Piece GPS (Gen 4):** 34243597 (Unassign Pending, CDMA-V)

**Hardware Functions**

**Rule Information**

Name	Type	Distance	Grace Period	Has Actions	Status
School	Exclusion	600 ft	00:00:00	Yes	Active
Home	Inclusion (Home)	600 ft	00:00:00	Yes	Active
1 Piece GPS (Gen 4) Battery	Hardware	N/A	00:30:00	Yes	Active
1 Piece GPS (Gen 4) Motion No GPS	Hardware	N/A	00:10:00	Yes	Active
1 Piece GPS (Gen 4) Strap	Hardware	N/A	N/A	Yes	Active
1 Piece GPS (Gen 4) Tamper	Hardware	N/A	N/A	Yes	Active
1 Piece GPS (Gen 4) Unable To Connect	Hardware	N/A	00:00:00	Yes	Active

**Rule Functions**

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## Removing the 1 Piece (Gen 4)

### Step 1:

Cut the strap by using the strap cutters and remove the 1 Piece (Gen 4) from the offender's leg.

### Step 2:

Use a 3M Electronic Monitoring flathead screwdriver to push on the tamper plugs to break them.

### Step 3:

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

### Step 4:

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

### Step 5:

While keeping the latch depressed, pull the strap with the attached pin trays out of each bracket. Discard the tamper plugs and straps.

**Note: Do NOT reuse the tamper plugs.**

**Note: Do NOT remove tamper plugs from the brackets of the 1 Piece (Gen 4) unless there is a strap with an attached pin tray inside the bracket.**

## Appendix

### Rule Definitions

#### **1 Piece GPS (Gen 4) 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**.

#### **1 Piece GPS (Gen 4) Motion No GPS**

- Occurs when the 1 Piece (Gen 4) has accumulated 20 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**.

#### **1 Piece GPS (Gen 4) Strap**

- The strap has been compromised or removed from the 1 Piece (Gen 4). 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.

#### **1 Piece GPS (Gen 4) Unable to Connect**

- The 1 Piece (Gen 4) has a defined call-in interval that is determined by the contract. If the 1 Piece (Gen 4) is unable to call 3M Electronic Monitoring at its defined call-in interval, a default 90 minute grace period will go into effect. If the default 90 minute grace period expires and the 1 Piece (Gen 4) has still not called 3M Electronic Monitoring, the database will create this alarm. This is normally due to poor cellular coverage in the area. The offender is not notified of the Unable to Connect alarm. Once the 1 Piece (Gen 4) is able to use the cellular network to call in, it will report any violations that occurred during this time and download all tracking data.

## **Rule Definitions, Cont.**

### **1 Piece GPS (Gen 4) Tamper**

- The 1 Piece (Gen 4) 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.

### **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 **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.

## 1 Piece (Gen 4) SELF TEST

To Begin the 1 Piece (Gen 4) Self Test:

- Make sure the 1 Piece (Gen 4) is unassigned from any offenders
- Make sure the 1 Piece (Gen 4) does NOT have a strap with a pin tray in it
- Make sure that the 1 Piece (Gen 4) is in a good wireless and GPS location
- Press and hold the Activate Button until the 1 Piece (Gen 4) vibrates (about 5 seconds)
- The PWR/ZONE/GPS LEDs will begin to blink green, verifying the test is in progress
- Only the Zone and GPS LEDs will be utilized for the test
- The test results will be displayed on the Zone/GPS LEDs within 10 minutes
- To stop the test, press and hold the Activate button until it vibrates



Test Results:

- ZONE/GPS LED solid **green** = passed all tests.
- ZONE/GPS LED blinking **red** ONE time = Modem Failure.
- ZONE/GPS LED blinking **red** TWICE = GPS Failure.
- ZONE/GPS LED blinking **red** THREE times = Tamper Failure.
- The test results will be displayed on the Zone/GPS LEDs for one hour.

## **Radio Frequency Exposure:**

For body worn operation, this monitor has been tested and meets the FCC RF exposure guidelines when used in ankle worn configuration with a 3M bracelet designated for this product. The use of accessories not approved by 3M Company may cause your device to malfunction or in the case of unapproved electrical accessories may cause the device to exceed RF energy exposure guidelines. Modifications to this device shall not be made without the written consent of 3M Company. Unauthorized modifications may void the authority granted under Federal Communication Rules and Industry Canada Rules permitting the operation of this device.

## **FCC Note:**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This device is to be used solely by law enforcement agencies for tracking purposes and must be professionally installed. 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%.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help.



**Canada Note: CAN ICES-3 B/NMB-3 B:**

This 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.

Cet appareil est conforme avec la norme RSS-210 d'Industrie Canada exempte de licence. Son fonctionnement est soumis aux deux conditions suivantes: (1) cet appareil peut causer des interférences, et (2) cet appareil doit accepter toute interférence, y compris celles pouvant provoquer un fonctionnement indésirable de l'appareil.