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A nighttime aerial view of a city with a multi-lane highway in the foreground showing light trails from traffic. The city buildings are illuminated with various lights, and the sky is dark. A large blue diagonal shape covers the bottom right portion of the image.

1 Piece (Gen 4) User Manual

1 Piece (Gen 4) User Manual

January 8, 2016



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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 2½ 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.

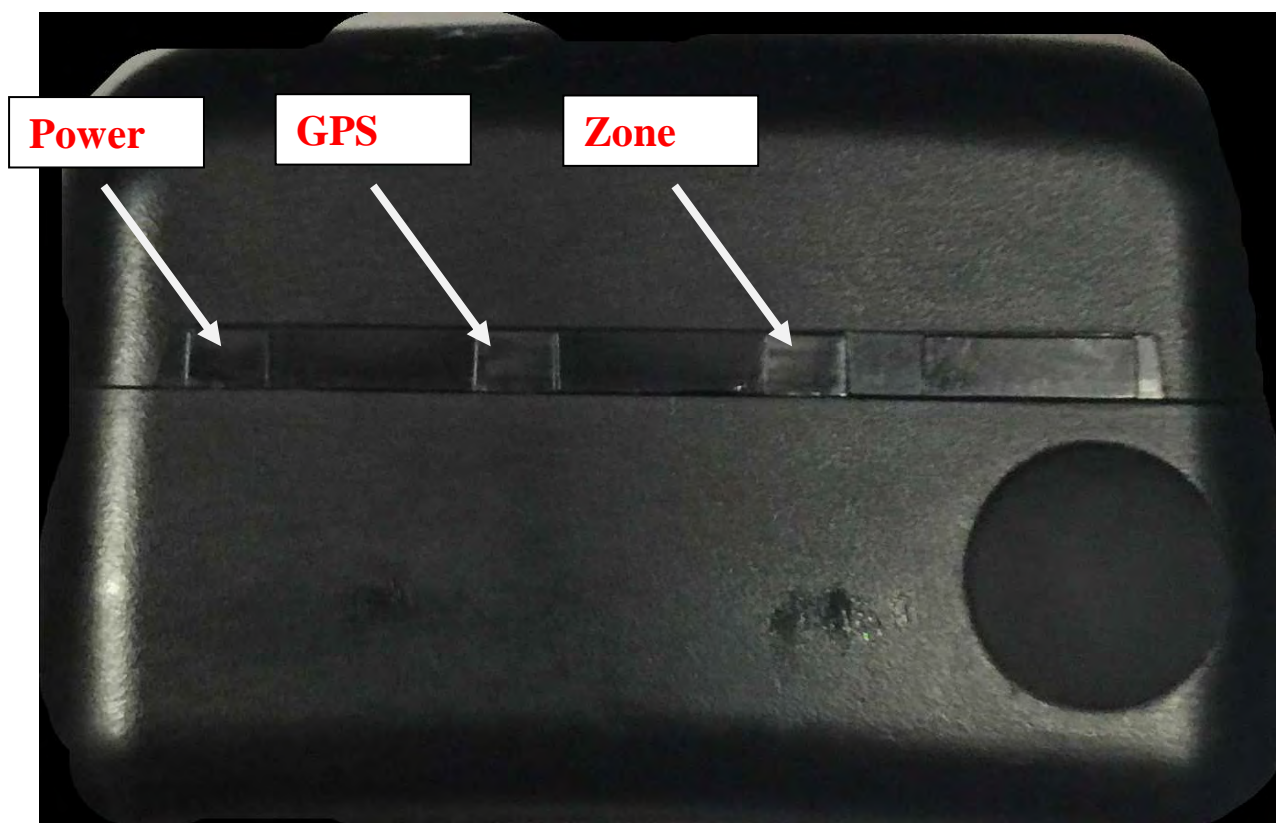
Passive Mode:

- 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.

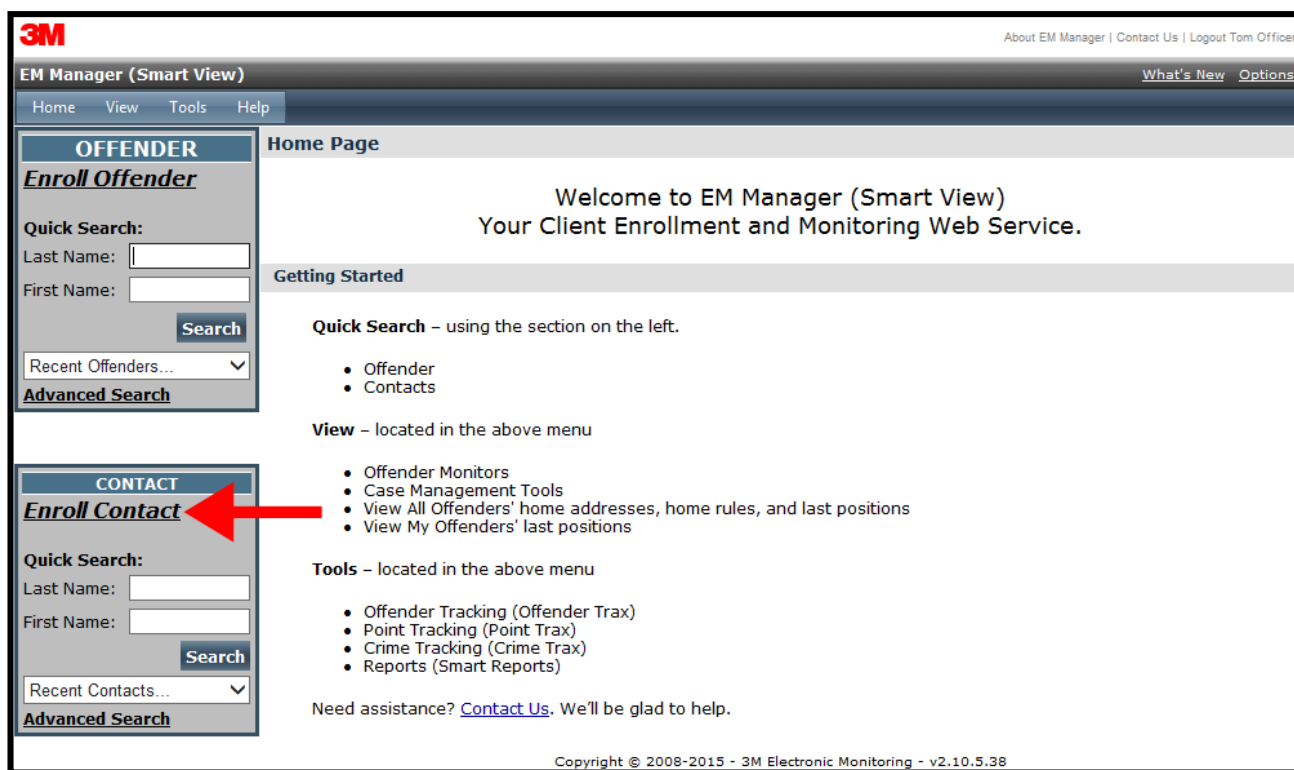


The image shows a screenshot of the 3M EM Manager login interface. At the top left is the 3M logo. Below it, the text reads "3M Electronic Monitoring" and "EM Manager". On the right side, there is a "Secure Login" button with a lock icon. The main area contains two input fields: "User ID:" and "Password:". Below these fields is a "Login" button. At the bottom, there is a link that says "Forgot Password?". The background of the page is a light blue with a faint grid 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

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:

Demographic Data

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

Custom ID1:

Custom ID2:

* **Last Name:**

* **First Name:**

* **Address:**

Address 2:

* **City:**

* **State:**

* **Zip Code:**

Phone Number: **Ext:**

Mobile Number:

Fax Number:

Pager Number:

Notification Email Address:

Notification Email Format:

Notification Text Msg Address:

Notification Text Msg Format:

Contact Type:

* **Time Zone:**

- Daylight Saving Applies

Report Options

Reporting Email Address:

	Daily Event Summary Report	Case Management Activity Report
Receive Active Report:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Receive Passive Report:	<input type="checkbox"/>	<input type="checkbox"/>
Receive Hybrid Report:	<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 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 About EM Manager | Contact Us | Logout Tom Officer

EM Manager (Smart View) Home View Tools Help What's New Options

OFFENDER
Enroll Offender

Quick Search:
Last Name:
First Name:
Search
Recent Offenders...
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 \(Standard format\)](mailto:tomofficer@doc.com)
Text Msg Address: [8135551234@att.txt.net \(Brief format\)](mailto:8135551234@att.txt.net)
Contact Type: Officer
Time Zone: (GMT -05:00) Eastern Time (DST Applies)

Report Options

Reporting Email Address: tomofficer@doc.com

	Daily Event Summary Report	Case Management Activity Report
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

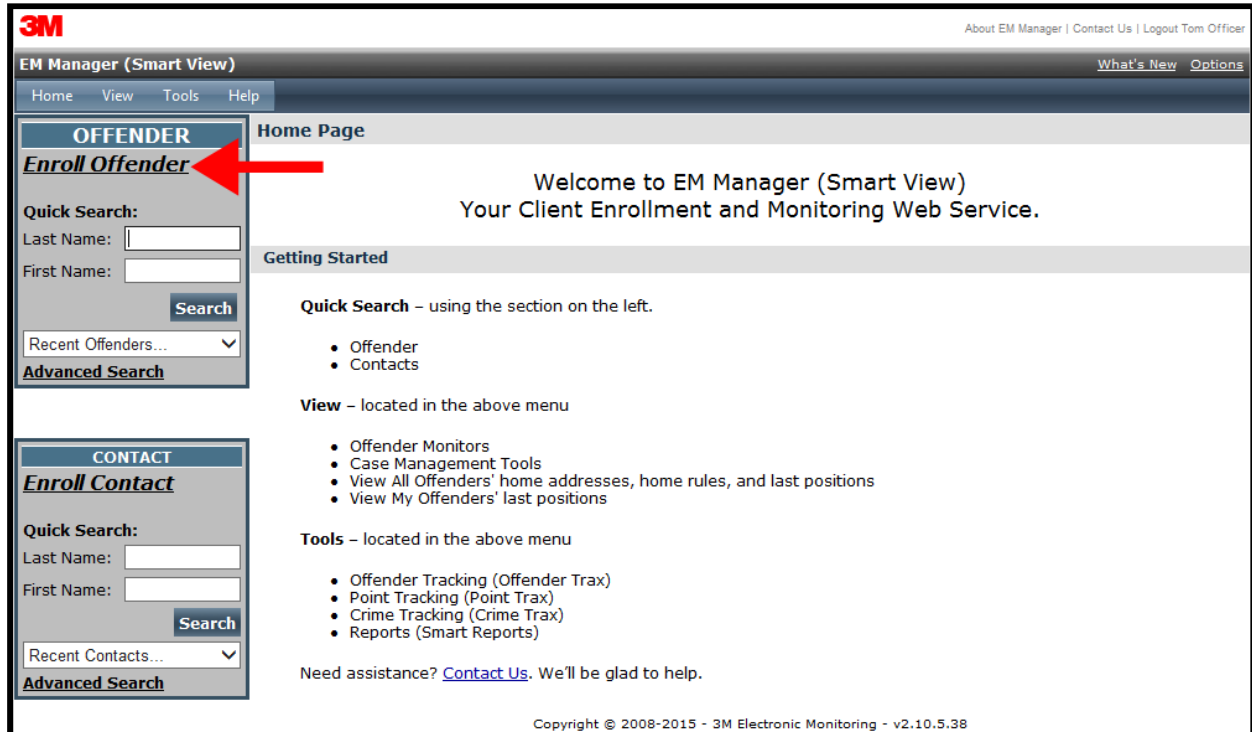
Pager Notification:
Fax Notification:
Email Notification:
Text Msg Notification:

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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:
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

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- 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)

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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.

The screenshot displays the 3M EM Manager (Smart View) interface. The main heading is "Enroll New Offender". On the left, there are two search panels: "OFFENDER" and "CONTACT". The "OFFENDER" panel includes a "Quick Search" section with "Last Name:" and "First Name:" input fields, a "Search" button, and a "Recent Offenders..." dropdown menu. Below it is an "Advanced Search" link. The "CONTACT" panel has a similar "Quick Search" section with "Last Name:" and "First Name:" input fields, a "Search" button, and a "Recent Contacts..." dropdown menu, followed by an "Advanced Search" link. The main form area contains the following fields:

- * Customer: 3M EM Training (dropdown menu)
- * Level of Supervision: A dropdown menu is open, showing the following options:
 - Select Item -
 - 1 Piece WMTD Home Curfew RF
 - Active 1 Piece GPS (Gen 4) (highlighted)
 - 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)

A "Cancel" button is visible to the right of the dropdown menu. The top right corner of the interface shows "About EM Manager | Contact Us | Logout Tom Officer" and "What's New Options". The bottom right corner of the interface shows "Electronic Monitoring - v2.10.5.38".

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,-82.590828) 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\jaber\ 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
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

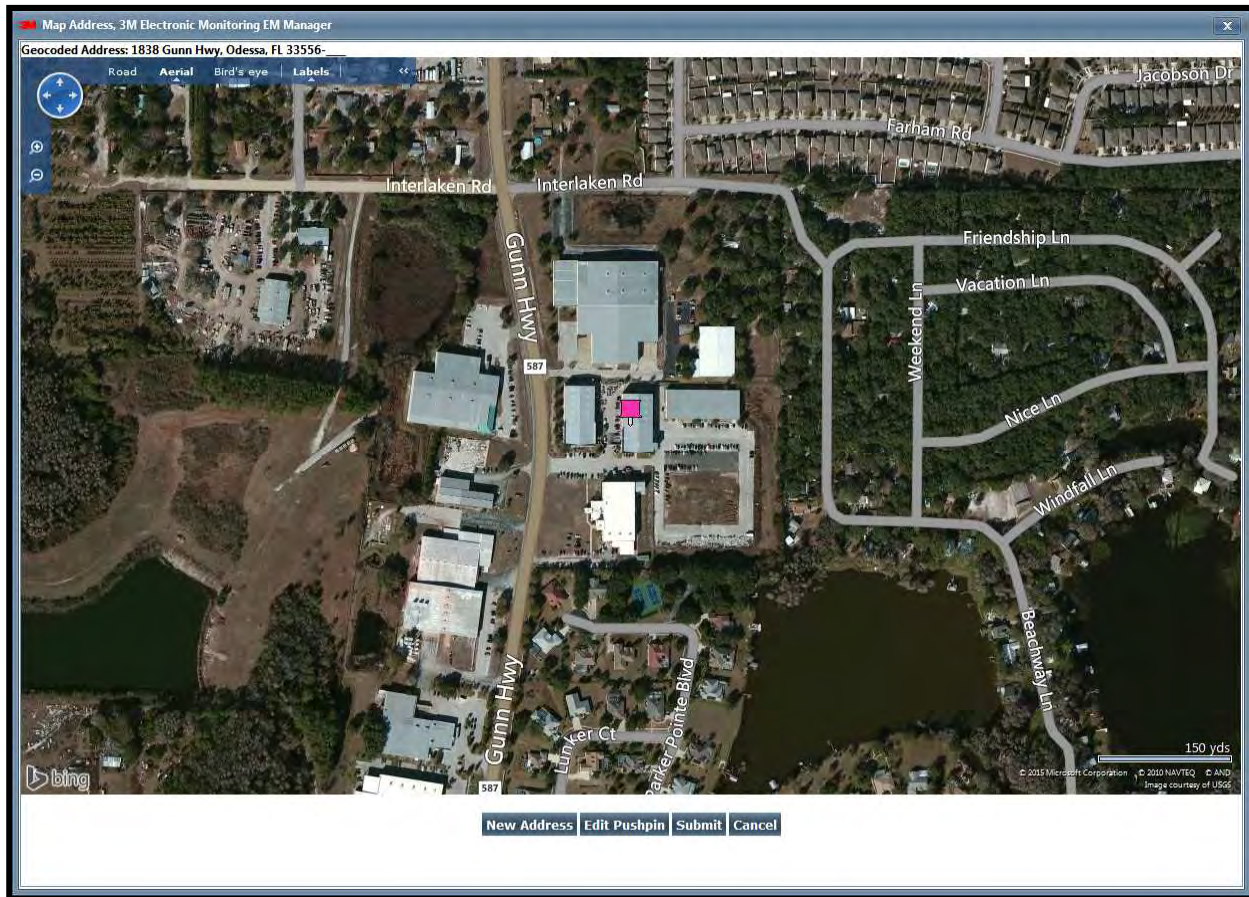
7. Click the box next to Create Default Home Zone from Home Address. For information on how to edit the schedule for the Home Rule, refer to page 21.
8. Choose the appropriate Contact from the Notification Contact drop down list. The selected Contact will be notified for **all** rules.
9. Click the **Add** 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.

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

EM Manager (Smart View) Home View Tools Help What's New Options

OFFENDER Offender - Steve Offender

Enroll Offender

Quick Search:
 Last Name:
 First Name:

 Recent Offenders...

CONTACT

Enroll Contact

Quick Search:
 Last Name:
 First Name:

 Recent Contacts...

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)

[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
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).

The screenshot shows the 3M EM Manager (Smart View) interface. The main content area displays details for an offender named Steve Offender. The interface is divided into several sections:

- OFFENDER**: Includes a search box and a list of recent offenders.
- CONTACT**: Includes a search box and a list of recent contacts.
- Offender - Steve Offender**: Shows the offender's status as 'Okay (1 Piece GPS (Gen 4) Activate Pending)' and 'Device Last Charged: Never'. It includes buttons for 'View GPS Points', 'Event History', 'Download Points', and 'Send Alert'.
- Offender General Information**: Lists personal and contact details such as Name, Customer, Level of Supervision, Assigned Officer, Enrollment Date, Custom IDs, Address, City, State, Zip code, County, Mobile Number, Home/Secondary Number, Email, Offender Type, and Time Zone.
- Assigned Hardware Information**: Shows the assigned hardware as '1 Piece GPS (Gen 4): 34400191 (Activate Pending, CDMA-V)'.
- Rule Information**: A table listing various rules associated with the offender. A red arrow points to the 'Home' rule.

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..

The screenshot displays the EM Manager (Smart View) interface for configuring an offender's inclusion zone. The page is titled "Offender - Steve Offender" and shows the following details:

- Offender Status:** Okay (1 Piece GPS (Gen 4) Activate Pending)
- Device Last Charged:** Never
- 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 (with a Map button)
 - Display Border Only: No
 - Grace Period: 00:00:00 (hh:mm:ss)
 - Offender Notification: Yes
- Notification Contacts:**
 - Notify On Clear: No
 - Table with columns: Contact, Rcv Page, Rcv Fax, Rcv Email, Rcv Txt Msg. The contact "Officer, Tom" has Rcv Email checked.
- Permanent Rule Schedule:** A grid for scheduling the rule across days of the week (Monday to Sunday) and hours (12am to 11:00).

A red arrow points to the "Edit" option in the "Rule Functions" dropdown menu.

Create Schedule for Home Inclusion Zone, Cont.

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

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

Home View Tools Help

OFFENDER Offender - Steve Offender

Enroll Offender

Quick Search:
 Last Name:
 First Name:

 Recent Offenders...

CONTACT

Enroll Contact

Quick Search:
 Last Name:
 First Name:

 Recent Contacts...

General Rule Information

Zone Type: Inclusion Exclusion

Zone Shape: Standard Circle Free Form

Inclusion Zone Type: Home

Rule Name: Home

Address: 1838 Gunn Hwy

Address 2:

City: Odessa

State: Florida

Zip code: 33556-__

Copy Address From: Home Work School

Zone Size: 600 Feet Miles

Coordinates: 28.185287 / -82.590828

Display Border Only: Yes No

Grace Period: 00:00:00

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"/>

Contact Name: Officer, Tom

Permanent Rule Schedule

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																									

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																									
Notes:	<p>Starts Monday 12:00 AM, Ends Monday 8:00 AM</p> <p>Starts Monday 8:00 PM, Ends Tuesday 8:00 AM</p> <p>Starts Tuesday 8:00 PM, Ends Wednesday 8:00 AM</p> <p>Starts Wednesday 8:00 PM, Ends Thursday 8:00 AM</p> <p>Starts Thursday 8:00 PM, Ends Friday 8:00 AM</p> <p>Starts Friday 8:00 PM, Ends Saturday 8:00 AM</p>																								

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.

The screenshot displays the 3M EM Manager (Smart View) interface for an offender named Steve Offender. The interface includes a navigation menu on the left with sections for 'OFFENDER' and 'CONTACT'. The main content area shows the offender's status as 'Okay (1 Piece GPS (Gen 4) Activate Pending)' and '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, Customer, Level of Supervision, Assigned Officer, Enrollment Date, Custom IDs, Address, City, State Zip code, County, Mobile Number, Home/Secondary Number, Email, Offender Type, Comments, and Time Zone. A 'Picture' and 'Map' tab is visible, with a placeholder for the offender's photo. 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 for Name, Type, Distance, Grace Period, and Active status. The 'Rule Functions' dropdown menu is open, showing options for 'Add Zone' and 'Replicate Actions'. A red arrow points to the 'Add Zone' option.

Name	Type	Distance	Grace Period	Active	Actions
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

Create Exclusion Zone, Cont.

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

The screenshot displays the 3M EM Manager (Smart View) interface. The top navigation bar includes the 3M logo, 'About EM Manager | Contact Us | Logout Tom Officier', and 'What's New | Options'. The main header shows 'EM Manager (Smart View)' and navigation tabs for 'Home', 'View', 'Tools', and 'Help'. The page title is 'Offender - Steve Offender'. On the left, there are two search panels: 'OFFENDER' and 'CONTACT', each with 'Enroll' buttons, 'Quick Search' fields for last and first names, a 'Search' button, and a 'Recent' dropdown menu. The main content area shows the offender's status: 'Okay (1 Piece GPS (Gen 4) Activate Pending)' and 'Device Last Charged: Never'. Below this is the 'General Rule Information' section with the following configuration options: 'Zone Template' (text input, 'Select', 'Reset'), 'Zone Type' (radio buttons for 'Inclusion' and 'Exclusion', with 'Exclusion' selected), and 'Zone Shape' (radio buttons for 'Standard', 'Circle', and 'Free Form', with 'Standard' selected). At the bottom of the configuration section are 'Continue' and 'Cancel' buttons. The footer contains the copyright notice: 'Copyright © 2008-2015 - 3M Electronic Monitoring - v2.10.6.0'.

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.

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

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

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	Delete

Contact Name: Pager Fax Email Txt Msg **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 ¼ 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) About EM Manager | Contact Us | Logout Tom Officer

Home View Tools Help What's New Options

OFFENDER Offender - Steve Offender

Enroll Offender

Quick Search:
 Last Name:
 First Name:

 Recent Offenders...

CONTACT

Enroll Contact

Quick Search:
 Last Name:
 First Name:

 Recent Contacts...

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

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

Hardware Functions

- Unassign
- Send Alert
- Download Points

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

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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 main content area shows the profile for 'Offender - Steve Offender', which is 'Cleared - 1 Piece GPS (Gen 4) Strap (3.70 Volts)' with a 'Device Last Charged' timestamp of '11/13/15 1:10:28 PM - 1:01 hrs'. Below this, the 'Unassign Offender Hardware' section is active, showing a checked checkbox for 'Unassign 1 Piece GPS (Gen 4): - 34400191 (CDMA-V)'. A dropdown menu for 'Unassignment Reason:' is open, listing options such as '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 visible next to the dropdown. The interface also features 'OFFENDER' and 'CONTACT' search panels on the left and a copyright notice 'Copyright © 2008-2015' at the bottom.

Unassigning Hardware, Cont.

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

The screenshot displays the 3M EM Manager (Smart View) interface. The main window is titled "Offender - Steve Offender" and shows a "Cleared - 1 Piece GPS (Gen 4) Strap (3.70 Volts)" with a "Device Last Charged: 11/13/15 1:10:28 PM - 1:01 hrs". Below this, there is a "Unassign Offender Hardware" section with a "Save" button. The "Unassign 1 Piece GPS (Gen 4):" field is checked and set to "- 34400191 (CDMA-V)". The "Unassignment Reason:" dropdown is set to "Offender Removed From System". A "Save" button is visible above the dialog box.

A warning dialog box titled "EM Manager" is overlaid on the screen. The dialog contains the following text: "WARNING: Hardware Unassignment Is Immediate! Click OK to continue." Below the text are "OK" and "Cancel" buttons. The dialog also has a "Close" (X) button in the top right corner.

The background interface includes search fields for "OFFENDER" and "CONTACT", and a "Monitoring - v2.10.6.0" status indicator in the bottom right corner.

Unassigning Hardware, Cont.

6. 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

Picture



[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

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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.

FCC and Industry Canada 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.

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.

This device complies with Part 15 of the U.S. Federal Communications Commission (FCC) rules and Industry Canada's license-exempt RSS Gen and RSS 210 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-Gen 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

Industry Canada ICES-003 Compliance Label: CAN ICES-3 B/NMB-3 B

Exposure to Radio Frequency (RF) Energy:

This monitor contains radio transmitters and has been designed, manufactured and tested to meet the Federal Communications Commission (FCC) and Industry Canada guidelines for RF exposure and Specific Absorption Rate 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.

Additional information about RF safety can be found on the FCC website at <http://www.fcc.gov/oet/rfsafety> and the Industry Canada website at <http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf01904.html>.

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.