

### Test Installations On Your Own

You can now test your installation and the functionality of various devices, such as beacons and fixed collectors, through an easy-to-use web app at https://installertest.com.

#### Setup Access

Vecima Portal Administrators will grant you access to test your device installations. You might have one of the following options:

- Beacons and fixed collectors
- Beacons only
- Fixed collectors only
- You will receive an email invitation from support.telematics@vecima.com to create a password for your login with the subject line: <Company> has granted you access to test their beacons online! Note: You may need to check your junk or spam folders.
- 2. Follow the instructions to complete setup and create your password. Once complete, you'll receive a second email confirming your account is ready.

ABC Company has granted you access to test their beacons online!  O admin@standardbeacon.com To: S Installer on the Go		You've been invited to use the online test tool for beacon installation. Create a new password that contains:		
Hi Installer 1 On The Go,	ľ	<ul> <li>✓ At least 1 upper case</li> <li>✓ At least 1 lower case</li> <li>✓ At least 1 number</li> <li>✓ Different from login</li> </ul>	<ul> <li>✓ At least 1 special characte</li> <li>✓ Between 8 and 24 charact</li> <li>✓ No spaces</li> </ul>	ers
ABC Company has granted you access to test installations using the online Beacon Test Tool.				0
Beacon Test Tool link: https://installertest.com Username: installer5@onthego.com				$\odot$
Complete Setup			Save	
This link will stay valid for 5 days. If you have any questions, please contact ABC Company.				
***PLEASE DO NOT REPLY TO THIS EMAIL.***	)			

### Login to the Test Tool

- 1. Use your email and password to log in to the test tool: https://installertest.com.
  - a. If you are given access to test both beacons and fixed collectors, choose which device to test after login.
  - b. If you are given access to test only beacons or only fixed collectors, you will not see this screen. You'll go straight to the next step.

	Installer Test Tool	You are logged in as Installer 5, Installers On The Go	*
Login:	Enter Username	Welcome to your Installer Tool! Choose what you'd like to today:	o do
Password:	Enter Password		
	Login	lest Beacons	
	Forgot Password?	Test Fixed Collectors	

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# How to Use the Installer Test Tool

Select the beacon IMEI or fixed collector MAC ID that you are installing, either by using the barcode scanner (see next section) 2. or by selecting the device from the drop-down list. The smart filter allows you to type any part of the beacon IMEI or fixed collector MAC ID to narrow the list.

	Installe	er 5,	, Instal	lers O	n The (	Go	
One or more your in:	e custom stallatior	ners n wi	have of the	grante online	ed you beaco	access to chec n test tool.	k
	Enter b	eaco	on IME	I to be	e instal	lled	
Scan with de down list	vice carr	nera	or sel	ect fro	om drop	P	
Scan with de down list Select Beaco 0034860007	vice cam on IMEI 703633	nera	or sel	ect fro	om drop	P Next	1
Scan with de down list Select Beaco 0034860007 0118920001	vice cam on IMEI 703633 147147	nera	or sel	ect fro	om drop	P Next	1
Scan with de down list Select Beac 0034860007 0118920007 0125630005	vice cam on IMEI 703633 147147 524382	nera	or sel	ect fro	om drop	P Next	]
Scan with de down list Select Beac 0034860007 0118920001 0125630005 0147110000	vice cam on IMEI 703633 147147 524382 000006	nera	or sel	ect fro	om drop	P Next	1
Scan with de down list Select Beaco 0034860007 0118920001 0125630005 0147110000	vice cam on IMEI 703633 147147 524382 000006 119921	nera	or sel	ect fro	om drop	P	1

Select the beacon IMEI that will be installed in your vehicle.



Select the Mac ID for the fixed collector that will be installed into your building/warehouse.

To use the barcode/QR code scanner:

- Click on the barcode image
- The tool will use your camera to scan the device. Ensure that you enable camera permissions so it can be used.
- Point the scanner toward the device. The scanner will detect the barcode IMEI or MAC ID on the device.

You are logged in as  Installer 5, Installers On The Go	You are logged in as a Installer 5, Installers On The Go
One or more customers have granted you access to check your installation with the online beacon test tool.	One or more customers have granted you access to check your installation with the online beacon test tool.
Enter beacon IMEI to be installed	Enter beacon IMEI to be installed
	Scan with device camera or select from drop down list 865326060767921 × • Next 865326060767921 IMEI found!



### **USER GUIDE**

# How to Use the Installer Test Tool

**Important:** Beacons might have more than one barcode. If you see an error message indicating that the beacon doesn't exist, it's possible the scanner detected a different barcode. You can choose to either:

- Cover the barcodes that are not the IMEI and re-scan.
- Start typing the IMEI in the search box. The list will filter so you can select the device you will be testing, and click "Next".

You are logged in as Installer 5, Installers On The Go	
One or more customers have granted you access to check your installation with the online beacon test tool.	Oi ac
Enter beacon IMEI to be installed	
	_
Scan with device camera or select from drop down list Select beacon IMEI   Next	
<b>000041025340</b> is not on the list. For labels with multiple codes, cover non-IMEI codes and re-scan, or try typing the IMEI in the search box.	



### **Testing Beacons**

- 3. You will see the Company and Vehicle the beacon is assigned to.
- If you need to test a different beacon, click "Cancel, select a different beacon".
- If you need to change the vehicle's name, click "Rename vehicle". Follow the prompts and you will receive a confirmation when you have renamed the vehicle successfully.
- Note: this information will be reflected in the vehicle's Beacon Notes on the portal.
- If the information corresponds to the beacon you are testing, click "Continue to beacon test".

Iı	You are logged in as nstaller 5, Installers On The Go	٥
	Beacon 014711000000006	
This beacon i	s registered with the following information	
Company:	Standard Beacon Test	
Vehicle:	Vehicle 1	
	Cancel, select different beacon	
[	Rename vehicle	
	Continue to beacon test	
Vehic	e Name was renamed successfully.	



4. Different beacons support different features, and the available tests are based on the Beacon Model associated to the IMEI. To start a test, click on the + sign to expand the test. Follow the instructions onscreen. Each test will provide feedback.

For more details on the tests, see section "Available Beacon Tests".

**Reminder:** The beacon IMEI and Vehicle Name will appear in the header so you can confirm you are working on the correct install.



Tests will vary by beacon model. Example tests for a 6651 beacon.

- 5. Once you finish your beacon installation tests, you can do any of the following:
  - View Results (Past One Month): view all activity you have logged against this beacon in the past month. If needed, you can send the test results to the email used to log in or download a .csv file to your device.

- Test Another Beacon: return to Step 2 to select the next device that you are installing
- **Test Fixed collectors:** (if you are provided access) you'll be redirected to select the MAC ID of the next device that you are installing. Refer to **Step 2** to use the QR code scanner or select from the dropdown.



Below is a visual guide to where the buttons will take you.

Back	You are logged in as Installer 5, Installers On The G	<b>1</b> 0	•		< Back	You are logged in a Installer 5, Installer On	as The Go
	Boscop 002486000702622		_	<b>&gt;</b>		Beacon 00348600070	3633
	Vehicle GNX6 - 6651				Y	our past activity from the l	last month
	These are the available tests for t beacon. After tests are completed, can rerun them if necessary.	this you			Date Time 02/10/2025 0 02/06/2025 0 02/06/2025 0	Results 09:47AM Test Server Communicat 02:07PM [Installer: Installer 5] O 02:07PM [Installer: Installer 5] Te	ion and GPS : fail utput 1 pulse 5s tr ist Output 1 pulse
	Test 1: Server Communication and GPS	+					
	Test 2: Ignition Wiring	+					
	Test 3: Connection Status	+			< Back	You are logged in a Installer 5, Installers On	s The Go
	Test 4: Auxiliary Input	+			One or mor your ir	re customers have granted istallation with the online b	you access to eacon test too
	Test 5: Auxiliary Output	+				Enter beacon IMEI to be in	nstalled
	Test 6: ECM Data	+					_
	Test 7: ECM Odometer (for J1939 vehicles only)	+			Scan with de down list	evice camera or select from	drop
	Test 8: iButton Reader and Buzzer	+			Select Beac	con IMEI	Nex
	Data and Photo Upload	+			003486000 011892000	703633 147147	
	Optional Test: Temperature Sensor Status	+					
	View Results (Past One Month)	]			< Back	You are logged in a Installer 5, Installers On	s The Go
	Test Another Beacon	,			One or mor your ins	e customers have granted stallation with the online In	you access to staller test too
	Test Fixed Collectors	]				Enter the Fixed Collector I	MAC ID
		,			Scan with de	evice camera or select from	drop
					down list		L

30AE7BE8942D



### Available Beacon Test

The following pages briefly describe the tests that may be available for your beacon based on the beacon model associated to the IMEI

If you have any questions or comments, please contact support.telematics@vecima.com or call 1.866.477.1767.

#### Important

Depending on the device, the initial setup for the test may take longer to process. If the test fails after 5-10 minutes, wait another 20 minutes with the ignition on and rerun the test.

#### Server Communications and GPS

The first test checks the communication path between the beacon and the Nero server.

The beacon will acquire a GPS location and send the data to the server.

Run this test for every installation.



#### **Ignition Detection**

Accurate Ignition events are important to ensure correct vehicle data is being reported to the server.

This test verifies that both Ignition On and Ignition Off events are being properly generated by the beacon.

Run this test for every installation.

Back	You are logged in as		<b>\$</b>
	Installer 5, Installers On The G	io	
	Beacon 003486000703633 Vehicle GNX6 - 6651		
	These are the available tests for beacon. After tests are completed can rerun them if necessary.	this , you	
	Test 1: Server Communication and GPS	+	
	Test 2: Ignition Wiring	×	
	1. Tap "Start Test". Wait 1 min for the commands to be set up.		
	<ol> <li>Iurn ignition on and off several times.</li> <li>Tap "Run Report" to view events just generated.</li> </ol>		
	4. Tap "Done".		
			J



#### **Connection Status**

This test verifies that the beacon is maintaining its connection to the server. Run this test for every installation.



### Auxiliary Input (Optional)

This test verifies Inputs that have been wired to the beacon. Each Input will be triggered during the test, and the results reported on screen.

Ignore this test if Inputs are not used.



#### Auxiliary Output (Optional)

This test verifies Outputs that have been wired to the beacon and operating correctly. You can verify each pulse or toggle Output separately.

Ignore this test if Outputs are not used.

< Back	You are logged in as Installer 5, Installers On The G	io	\$
	Beacon 003486000703633 Vehicle GNX6 - 6651		
	These are the available tests for beacon. After tests are completed can rerun them if necessary.	this , you	
	Test 1: Server Communication and GPS	+	
	Test 2: Ignition Wiring	+	
	Test 3: Connection Status	×	
	Click "Start Test" to display the connection sta for the past hour.	itus	



#### **ECM Data**

For installations where the beacon is connected directly to the ECM data feed via a diagnostics port, this test verifies that the correct data is being received from the engine control module ("ECM").

As part of the test, the installer must select the Cable Type that was installed with the beacon. The following options are available:

- OBDII
- J1708
- Black (Type 1)
- Green (Type 2)
- Green (Type 2) with adapter
- RP 1226

Run this test for every installation that connects to the ECM.

Ignore this test for hardwired installs.

#### ECM Odometer (Optional, for J1939 vehicles only)

For beacons connected to a J1939 port, this test reads the current Odometer from the ECM for comparison against the dashboard value. If the value is inaccurate, alternate sources for ECM Odometer may be selected.

Ignore this test for any non-J1939 vehicles or hardwired installs.

< Back	You are logged in a	s 🖆
	Installer 5, Installers On	The Go
	Beacon 003486000703 Vehicle GNX6 - 665	3633 1
	Test 3: Connection Status	+
	Test 4: Auxiliary Input	+
	Test 5: Auxiliary Output	+
	Test 6: ECM Data	×
	Note: Test applies to ELD-compati only. 1. Turn ignition on. 2. Wait 10 seconds. 3. Select a cable type: □-Select Cable Type - v) 4. Tap "Run Report" and wait for 2 ECM Data. 5. Tap "Done". 6. Turn ignition off.	ble vehicles

< Back	You are logged in as Installer 5, Installers On The	Go	*
	Beacon 003486000703633 Vehicle GNX6 - 6651	I	
	Test 3: Connection Status	+	
	Test 4: Auxiliary Input	+	
	Test 5: Auxiliary Output	+	
	Test 6: ECM Data	+	
	Test 7: ECM Odometer (for J1939 vehicles only)	×	
	Note: This test is only valid for devices connected directly to the J1939 port.		
	This test will retrieve the current ECM Odon the value is inaccurate, a new source may t selected.	neter. If Ne	
	Turn the engine on and keep it running. Tap Test" to begin.	"Start	
	Start Test		



#### **Net Vehicle Collector**

NET customers will have the option of testing a Vehicle Collector device when it is installed and connected to the beacon.

When the test is run, the Vehicle Collector will scan nearby asset tags, and transmit the data to the system.

**Important:** To complete this test, there must be two or more active Asset Tags near the Vehicle Collector to detect.



Beacon 003486000703633 Vehicle GNX6 - 6651			
	Test 8: NET Vehicle Collector	×	
	Note: Please ensure you have 2 or more tags available prior to running this test	e asset	
	1. Turn the vehicle ignition on.		
	<ol><li>Confirm that the Vehicle Collector LE on.</li></ol>	Ds are	
	<ol><li>Check the asset tags and ensure the insulation strip has been removed fro tag.</li></ol>	om each	
	<ol> <li>Place the asset tags within 3 ft of the Collector, making sure there are no p barriers in between.</li> </ol>	e Vehicle hysical	
	<ol> <li>Tap "Start Test" and wait up to 2 min verify that the asset tags are read by Vehicle Collector</li> </ol>	s to the	

#### iButton Reader and Buzzer (Optional)

This test verifies the operation of the Driver ID hardware.

Ignore this test If Driver ID is not in use (i.e. the iButton Reader and warning buzzer have not been installed).

< Back	You are logged in as Installer 5, Installers On The G	60	\$
	Beacon 003486000703633 Vehicle GNX6 - 6651		
	beacon. After tests are completed can rerun them if necessary.	, you	
	Test 1: Server Communication and GPS	+	
	Test 2: Ignition Wiring	+	
	Test 3: Connection Status	+	
	Test 4: Auxiliary Input	+	
	Test 5: Auxiliary Output	+	
	Test 6: ECM Data	+	
	Test 7: ECM Odometer (for J1939 vehicles only)	+	
	Test 8: iButton Reader and Buzzer	×	
	Tap "Start Test" then tap the iButton to the re Start Test	eader.	



#### Data Upload

The Data Upload feature of the test tool allows the installer to update and add information that will appear in the Vecima Portal.

Installers can:

- Synchronize the vehicle odometer
- Enter or correct the vehicle license plate
- Upload pictures to the portal. It is recommended to take pictures of the installation, and each side of the vehicle.

<u>Please note:</u> Beacons configured to use GPS odometer (as opposed to odometer read from the ECM) will display 0 in the odometer field by default. In this case, **enter the dashboard value** to synchronize the odometer.



#### **Temperature Sensor Status (Optional)**

Some beacons may be installed with one or more 1-Wire Temperature Sensors, which monitor temperature readings in compartments on the truck or connected trailer. This test verifies the operation of the temperature sensors.

Ignore this test if Temperature Sensors are not used.





### **Testing Fixed Collectors**

NET customers can test a Fixed Collector device when it is installed in their warehouse or building.

After you select the fixed collector MAC ID, you will have the following test available.

**Important:** To complete this test, there must be one or more active Asset Tags nearby for the Fixed Collector to detect.



Fest 1: NET Fixed Collector (FX-4.0.0-C)		
ote:	Please ensure that 1 or more tags are	
ocate	ed near the Fixed Collector.	
1.	Confirm that the Fixed Collector is plugged in.	
2.	The green power LED will remain solid wher the device is connected and the red cellular LED stops flashing once the device is starter and ready for use.	
3.	Click "Start test" and wait up to 3 minutes t verify that the asset tags are read by the	
	Fixed Collector.	
	Start Test	
(	View Results (Past One Month)	
	Test Another Fixed Collector	
ſ	Test Beacons	

### **Celular Fixed Collector Test**

Note: Please ensure that 1 or more tags are located near the Fixed Collector.

- 1. Confirm that the Fixed Collector is plugged in.
- 2. The green power LED will remain solid when the device is connected and the red cellular LED stops flashing once the device is started and ready for use.
- 3. Click "Start test" and wait up to 3 minutes to verify that the asset tags are read by the Fixed Collector.
- 4. Click "Done".

#### Wi-Fi Fixed Collector Test

#### Note: Please ensure that 1 or more tags are located near the Fixed Collector.

- 1. Confirm that the Fixed Collector is plugged in and is located within the Wi-Fi range.
- 2. The device is working properly if the lights change from blue to red to purple to green. If there are no lights or rainbow lights, please contact Vecima Support.
- 3. Click "Start Test" and wait up to 3 minutes to verify that the asset tags are read by the Fixed Collector.
- 4. Click "Done".



Cellular Fixed Collector (FX-4.x.x-C)



Wifi Fixed Collector (FX-3.x.x)



#### Wi-Fi Fixed Collector - LAN configured Test

#### Note: Please ensure that 1 or more tags are located near the Fixed Collector.

- 1. Confirm that the Fixed Collector is plugged into power and the LAN cable is securely connected.
- 2. The device is working properly if the lights change from blue to red to purple to green. If there are no lights or rainbow lights, please contact Vecima Support.
- 3. Click "Start Test" and wait up to 3 minutes to verify that the asset tags are read by the Fixed Collector.

4. Click "Done".



Wifi Fixed Collector with LAN (FX-3.x.x-L, where the L denotes LAN configuration)

Go to the gear icon to log out of the installer test tool.	

< Back	You are logged in	as
	Installer 5, Installe	Log out
	Fixed Collector 30AE7B	E8942D
	These are the available te Fixed Collector. After te completed, you can reru	ests for this ests are In them if
	necessary.	