

Link: <https://help.gpsinsight.com/docs/about-integration/using-webhooks/> Last Updated: July 27th, 2016

Webhooks are part of our **API** and are a simple way to get events in our system—such as a vehicle’s location or a vehicle entering a landmark—pushed to your system as they occur. We push data by making an HTTP POST to a URL that you have configured with us for an event.

Manage Webhooks

The available webhooks are listed in the Webhook Manager within the portal (**Account** menu > **Manage Webhooks**).

Webhook	Description
Location	When a vehicle reports its location
Speed	When a vehicle reports speed \geq X mph
Posted Speed	When a vehicle reports inst speed \geq X mph above speed limit
Heartbeat	When a vehicle reports a heartbeat (usually once a day)
Trip Complete	When a movement trip completes
Ignition On	When a vehicle's ignition turns on
Ignition Off	When a vehicle's ignition turns off
Landmark Enter	When a vehicle enters a landmark
Landmark Leave	When a vehicle leaves a landmark
Landmark Change	When a vehicle enters or leaves a landmark
Idle	When a vehicle idles
Temperature	When temperature is reported
DVIR	When a DVIR event is received
Driver Assignment	When a driver is assigned to a vehicle

You can configure a new webhook through the portal interface or through an **API call**.

To configure a webhook through the portal:

1. From the portal, click the **Account** menu, click **Manage Webhooks**, and click **Open**.

The Webhook Manager opens in a new browser tab.

1. Click the green plus sign (+) next to the webhook you want to create.

The Create Webhook window opens.

1. Enter the following properties:

- **URL:** Enter the URL that you want to consume the feed.
- **Name:** Enter a name used to refer to the webhook.
- **Content Type:** Choose from json (application/json) or form (application/x-www-form-urlencoded).
- **Example HTTP Headers:** Based on the selected content type, an example HTTP Header is provided for you.
- **Example POST body:** Based on the selected content type, an example POST Body is provided for you.

2. Click **Add Webhook**.

Create Webhook

URL	<input type="text" value="http://mywebsite/integrations/"/>
Name	<input type="text" value="idle_alert"/>
Content Type	<input type="text" value="json (application/json)"/>
Example HTTP Headers	<input type="text" value="Content-Type: application/json"/>
Example POST Body	<pre>{ "head": { "account_id": 123456, "username": "testusername", "ref_id": "CA1234567", "type": "idle", "webhook_id": 9016, "retry_count": 0, "queue_depth": 0, "enqueue_time": 1450210819, "request_time": 0 }, "data": {</pre>
Email	<input type="text" value="webdev@xyz.demo"/>
Authorization Header <i>Optional</i>	<input type="text" value="Basic bXl1c2VybmFtZTptpXBhc3N3b3Jk"/>
<input type="button" value="Add Webhook"/>	

The webhook is assigned an ID and appears in the Webhooks grid. Additional information is provided for Status, Queue Depth, Total Messages, and Demo. Demo allows you to trigger a test event to view a live feed of webhook messages.

Manage Third Party Integrations

In addition to webhooks, the portal can also support third-party integrations with several providers. Some providers require a signed release form for permission to transfer location data.

Provider	Software Type	Requirements
ServiceMax	Field Service Management	Requires a Salesforce login for authorization.
Service Titan	Business Management	Requires an API Key.
Fleetio	Fleet Management	Requires an API Key and Account Id. Choose whether or not to Update Odometer and/or Diagnostic Trouble Codes.
Asana	Task Management	Requires an API Key and Vehicle Attribute.
Agile Fleet	Fuel Management	Requires an API Key and Vehicle Attribute

Configuring ServiceTitan integration:

Note. You must complete a [ServiceTitan API Authorization Form](#) and send to your ServiceTitan representative, who will then provide the required API key.

For steps on integrating ServiceTitan, see: [ServiceTitan Integration Update](#).

Configuring Fleetio integration:

Please refer to the [About Fleetio Integration](#) article for detailed instructions.

Configuring Asana integration:

Note. Before starting, ensure the vehicles' VINs in the GPS portal matches the VINs in the Asana system.

1. From the portal, click the **Account** menu, click **Manage Webhooks**, and click **Open**.

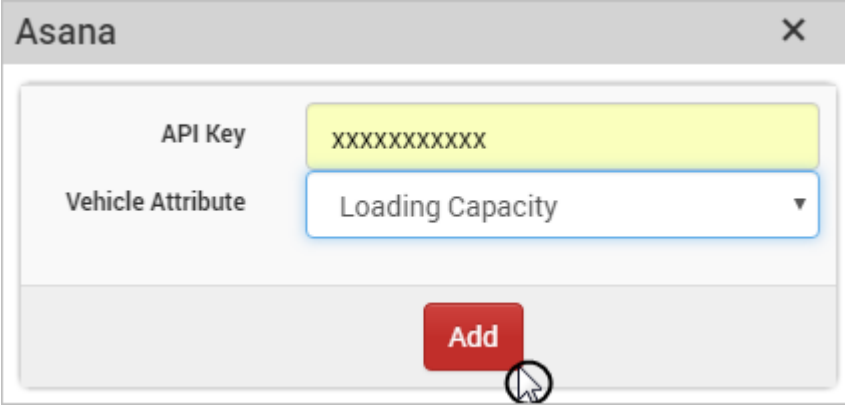
The Webhook Manager opens in a new browser tab.

1. Under Available Integrations, click the green plus sign (+) next to **Asana**.

The Asana integration window appears.

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1. Enter the required properties for the integration:
 - **API Key:** Enter API key provided by Asana.
 - **Vehicle Attribute:** Choose the **attribute** to integrate.
2. Click **Add**.



The screenshot shows a dialog box titled "Asana" with a close button (X) in the top right corner. Inside the dialog, there are two input fields. The first is labeled "API Key" and contains the text "XXXXXXXXXX" on a yellow background. The second is labeled "Vehicle Attribute" and is a dropdown menu with "Loading Capacity" selected. Below these fields is a red "Add" button. A mouse cursor is pointing at the "Add" button.

The third party integration(s) are assigned an ID and appears in the 3rd Party Integrations grid. There will be a separate ID for each integration type (e.g., multiple attributes). Additional information is provided for Status, Queue Depth, and Total Messages. An option to delete the integration(s) is also available.