

TelematicsConnect Extension Package for NetZero Cloud Installation and Setup Guide

Required: TelematicsConnect App Version 1.354 and NetZero Cloud Spring 24

May - 2024

support@gpsdashboard.com

(877) 937-3654 X2

AVAILABLE ON



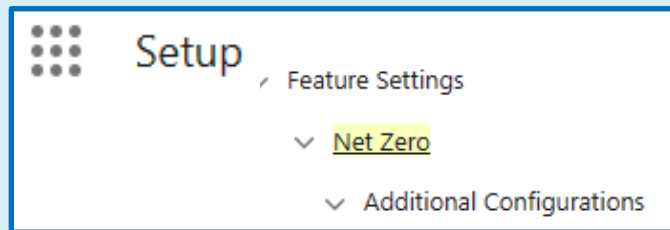
appexchange

Requirements: TelematicsConnect App & NetZero Cloud

- ▶ TelematicsConnect App MUST be installed in your org (V1.351 or later)

SETUP Installed Packages			
Package Name	Publisher	Version Number	Namespace Prefix
<u>TelematicsConnect</u>	TelematicsConnect App Master	1.354	GPS2

- ▶ NetZero Cloud MUST be enabled in your org



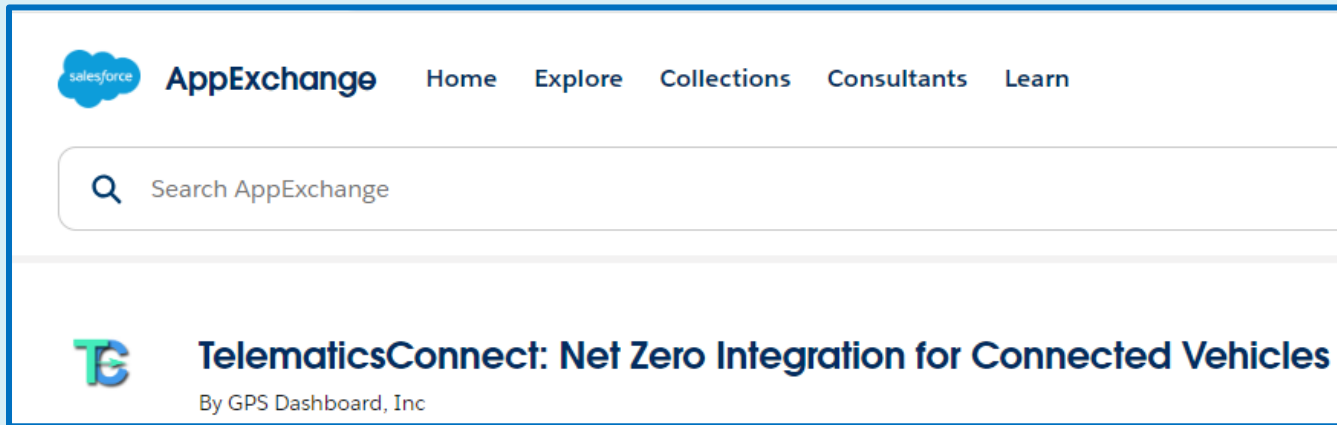
TelematicsConnect Extension For NetZero Cloud Installation

Please contact GPS Dashboard, Inc. Customer Support for link to install the Extension Package for NetZero Cloud, or visit the app listing on the AppExchange and click "Get It Now"

Pls Email

Support@gpsdashboard.com

Note: Optionally, you can install TelematicsConnect App by clicking a URL provided By GPS Dashboard, please contact us for details.



<https://appexchange.salesforce.com/appxListingDetail?listingId=a0N4V00000II04eUAB&tab=e>

TelematicsConnect Extension for NZC App Installation

1. Select **"Install For All Users"**
2. Click **"Install"**

Note: A User will gain access to TelematicsConnect App if / when you assign the User a TelematicsConnect App app license. Instruction in following pages



Install TelematicsConnect for NZC

By TelematicsConnect Extension for NZC



☐ Install for Admins Only



☒ Install for All Users



☐ Install for Specific Profiles...

Install

Cancel

App Name	Publisher	Version Name	Version Number
TelematicsConnect for NZC	TelematicsConnect Extension for NZC	TelematicsConnect for NZC Spring 24	1.26

[Additional Details](#)
[View Components](#)

Assign User Licenses

1. From Setup > Installed Packages
2. Click **"Manage Licenses"** for TelematicsConnect Extension for NetZero Cloud

The screenshot shows the GPS Dashboard interface. The top navigation bar includes 'Setup', 'Home', and 'Object Manager'. The left sidebar is expanded to 'Apps', with 'Installed Packages' highlighted under the 'Packaging' section. The main content area is titled 'Installed Packages' and contains a table of installed packages. A blue box highlights the 'Manage Licenses' link for the 'TelematicsConnect Extension for NZC' package.

Setup Home Object Manager

Apps

- App Manager
- AppExchange Marketplace
- Connected Apps
- Lightning Bolt
- Mobile Apps
- Packaging
 - 1** Installed Packages
 - Package Manager
 - Package Usage
- Feature Settings
- Slack
- Workflow Services
- MuleSoft
- Einstein

SETUP Installed Packages

Installed Packages

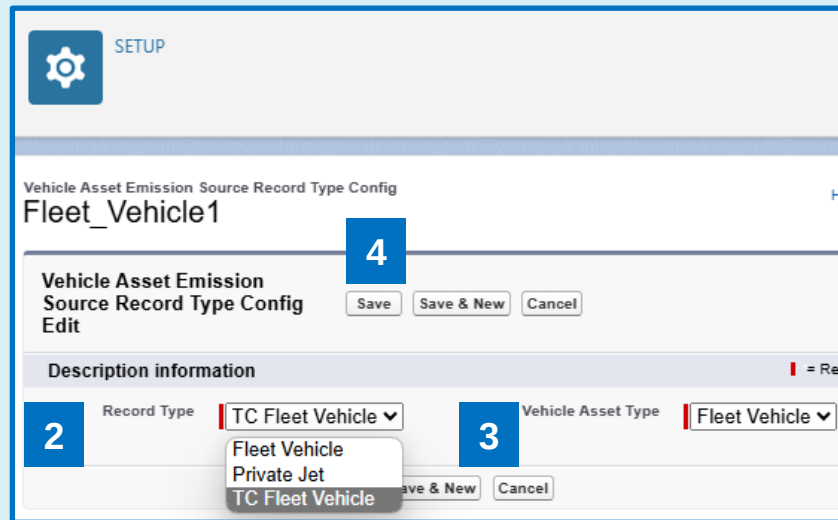
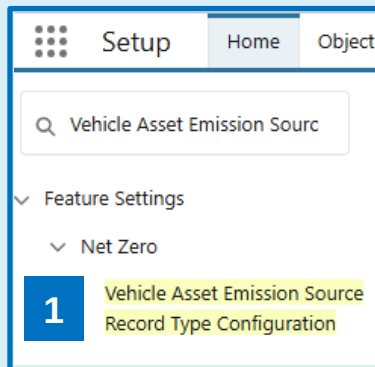
On AppExchange you can browse, test drive, download, and install pre-built apps and components. Apps and components are installed in packages. Any custom apps, tabs, and custom objects are initialized and customized before deploying. You can deploy the components individually using the other features in the package. Depending on the links next to an installed package, you can take different actions from this page. To remove a package, click Uninstall. To manage your package licenses, click Manage Licenses.

Action	Package Name	Publisher	Version Number	Namespace Prefix
Uninstall Manage Licenses	Check-fleet	Check-fleet	1.352	GPS2
2 Manage Licenses	TelematicsConnect Extension for NZC	TelematicsConnect Extension for NZC	1.18	GPSNZ

Description: An Extension Package for Check-fleet V2 for NetZero Cloud

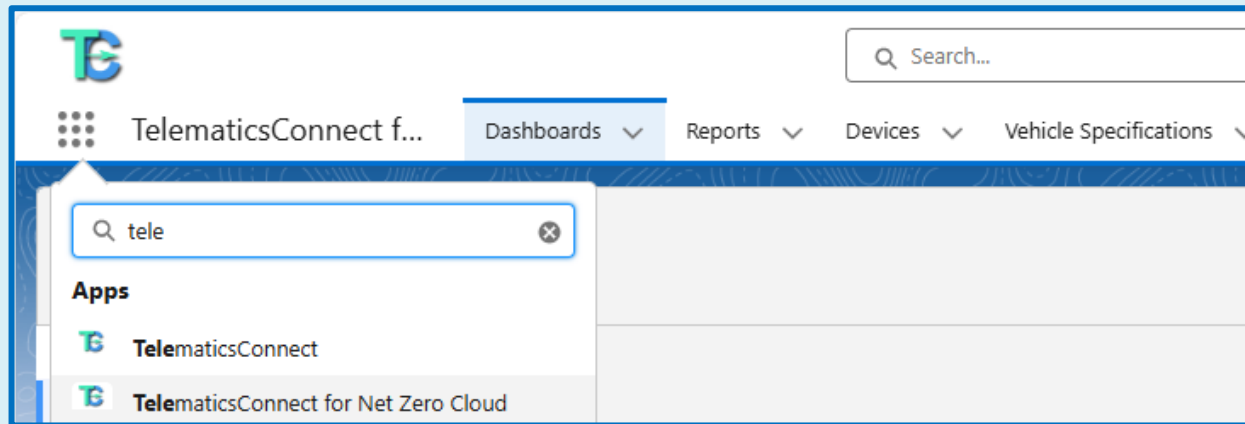
Create VehicleAssetEmissionSource Record Type

1. From Setup > "Vehicle Asset Emission Source Record Type Configuration"
2. "Record Type": Select "TC Fleet Vehicle"
3. "Vehicle Asset Type": Select "Fleet Vehicle"
4. "Click "Save"



TelematicsConnect Extension for NetZero Cloud

From App Menu
click **Telematics
Connect for Net
Zero Cloud**



Fuel Consumed By Vehicle

- ▶ Lifetime Fuel Consumed by Vehicle @ Month End (Liters)
- ▶ Auto Retrieved from the Telematics Service Provider

Telematics Events

Timtcs Events -Total Fuel Used To Date

New

Change Owner

Import

50+ items • Sorted by Event Time • Filtered by All telematics events - Event Reason • Updated a few seconds ago

Search this list...

	Device	Event Reason	Event Reason Detail	Event Time	Event Time Mo...	Event Ti...
1	Vehicle 11	DiagnosticDeviceTotalFuelId	34717.70354800968	4/1/2023, 1:00 AM	4	2023
2	Vehicle 8	DiagnosticDeviceTotalFuelId	34350.966288234835	4/1/2023, 1:00 AM	4	2023
3	Vehicle 11	DiagnosticDeviceTotalFuelId	34364.16133061683	3/1/2023, 12:00 AM	3	2023
4	Vehicle 8	DiagnosticDeviceTotalFuelId	34269.261198176966	3/1/2023, 12:00 AM	3	2023
5	Vehicle 11	DiagnosticDeviceTotalFuelId	33857.78130623538	2/1/2023, 12:00 AM	2	2023
6	Vehicle 8	DiagnosticDeviceTotalFuelId	34241.63392479486	2/1/2023, 12:00 AM	2	2023
7	Vehicle 19	DiagnosticDeviceTotalFuelId	58554.65	1/30/2023, 7:00 PM	1	2023
8	Vehicle 11	DiagnosticDeviceTotalFuelId	33294.63538976593	1/1/2023, 12:00 AM	1	2023

Vehicle Odometer

- ▶ Vehicle Odometer @ Month End (Meters)
- ▶ Auto Retrieved from the Telematics Service Provider

Telematics Events							New	Change Owner	Import
Tlmtcs Events -Odometer (Meters) To Date ▼							Search this list...		
100+ items • Sorted by Event Time • Filtered by All telematics events - Event Reason • Updated a few seconds ago									
☐	Device ▼	Event Reason ▼	Event Reason Detail ▼	Event Time ↓	Event Time Mo... ▼	Event Ti...			
1	☐ Vehicle 11	DiagnosticOdometerId	124365100	4/1/2023, 1:00 AM	4	2023			
2	☐ Vehicle 7	DiagnosticOdometerId	45015275.808	4/1/2023, 1:00 AM	4	2023			
3	☐ Vehicle 8	DiagnosticOdometerId	121750283.16800003	4/1/2023, 1:00 AM	4	2023			
4	☐ Vehicle 11	DiagnosticOdometerId	123224700	3/1/2023, 12:00 AM	3	2023			
5	☐ Vehicle 7	DiagnosticOdometerId	43852975.808	3/1/2023, 12:00 AM	3	2023			
6	☐ Vehicle 8	DiagnosticOdometerId	121476183.16800003	3/1/2023, 12:00 AM	3	2023			
7	☐ Vehicle 11	DiagnosticOdometerId	121594900	2/1/2023, 12:00 AM	2	2023			
8	☐ Vehicle 7	DiagnosticOdometerId	42914475.808	2/1/2023, 12:00 AM	2	2023			

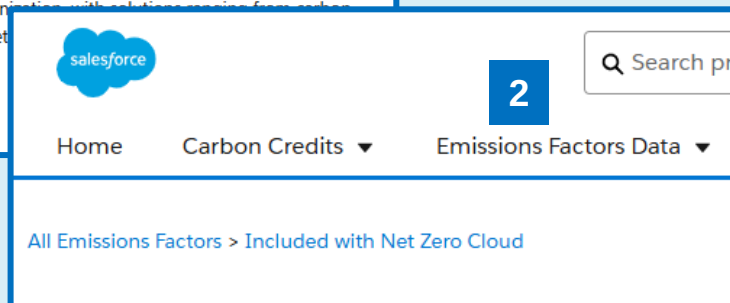
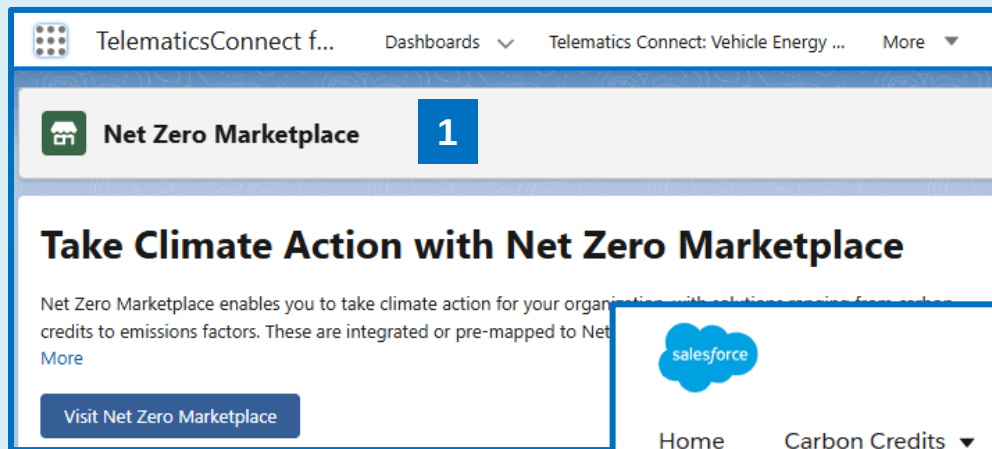
Vehicle Specification

- ▶ Vehicle Specifications Required to identify the appropriate US EPA Emission Factor.
 - Vehicle Weight – GVWR
 - Model Year
 - Fuel Type
- Record is auto generated by the Telematics Connect App (the base managed package)

 Vehicle Specification Vehicle 7 + Follow Edit Delete Clone ▼						
Provider device ID	Axles	EngineManufacturer	EngineModel	Fuel Type Primary	GVWR	ModelYear
b7		PACCAR	PX-6/PX-7	Diesel	Class 7: 26,001 - 33,000 lb (11,794 - 14,969 kg)	2,015

Net Zero Marketplace: Load Emission Factors

- ▶ From Net Zero Marketplace > Emissions Factors Data > Included with Net Zero Cloud
- ▶ Select EPA "Stationary & Mobile Fuel" (Current options 2022, 2023, 2024)

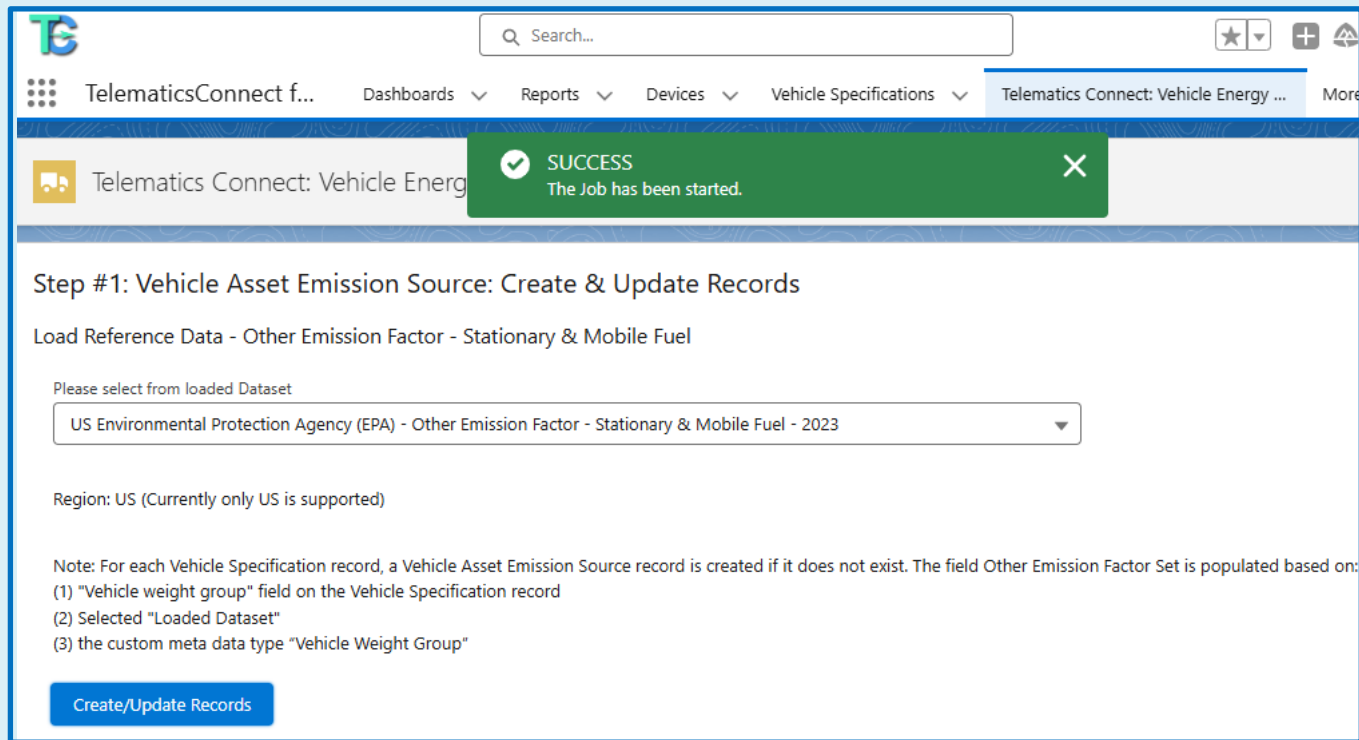


**3**

Emissions Factors
US Environmental Protection Agency (EPA) - Other Emission Factor - Stationary & Mobile Fuel - 2024
Fuel
Publish Date: Feb 13, 2024
EPA's GHG Emission Factors Hub was designed to provide organizations with a regularly updated and easy-to-use set of default emission factors for organizational greenhouse gas reporting.
 Included with Net Zero Cloud

Create Vehicle Asset Emission Source records for Vehicles (Step #1)

- ▶ Tab: "Telematics Connect: Vehicle Energy Use"
- ▶ Select a Loaded Dataset
- ▶ Click "Create / Update Records", a Job is run to create Vehicle Asset Emission Source records



TE

Search...

TelematicsConnect f... Dashboards Reports Devices Vehicle Specifications Telematics Connect: Vehicle Energy ... More

Telematics Connect: Vehicle Energy

SUCCESS
The Job has been started.

Step #1: Vehicle Asset Emission Source: Create & Update Records

Load Reference Data - Other Emission Factor - Stationary & Mobile Fuel

Please select from loaded Dataset

US Environmental Protection Agency (EPA) - Other Emission Factor - Stationary & Mobile Fuel - 2023

Region: US (Currently only US is supported)

Note: For each Vehicle Specification record, a Vehicle Asset Emission Source record is created if it does not exist. The field Other Emission Factor Set is populated based on:

- (1) "Vehicle weight group" field on the Vehicle Specification record
- (2) Selected "Loaded Dataset"
- (3) the custom meta data type "Vehicle Weight Group"

Create/Update Records

NetZero Cloud: Vehicle Asset Emission Source

- ▶ Auto-generated for each vehicle based on the Vehicle Specification Record
- ▶ Appropriate US EPA Emission Factor set auto-selected based on vehicle Gross Weight, Model Year, and Fuel Type


Vehicle Asset Emissions Source
Vehicle #1

Related
Details
Emissions Analytics

▼ Information

Name
Vehicle #1

Vehicle Type
Fleet Vehicle

Record Type
TC Fleet Vehicle

Fleet Vehicle Type

Company-Owned Asset ⓘ
☐

Carbon Emissions Scope Allocation ⓘ
Scope 1

Owner Name
 [amin mufti](#)

Parent Emissions Source

Other Emissions Factors
[Mobile Fuel Conversion Factors - Heavy Truck - EPA 2023 4.1](#)

Description

▼ Telematics Connect

TC Region
US

Vehicle Specification
[Vehicle #1](#)

Create Vehicle Asset Energy Use records for Vehicles (Step #2)

- ▶ Tab: "Telematics Connect: Vehicle Energy Use"
- ▶ Select the Report Year
- ▶ Click "Create / Update Records", a Job is run to create Vehicle Asset Energy Use records

Step #2: Vehicle Asset Energy Use: Create & Update Records

One Vehicle Asset Energy Use record is created for each vehicle for each selected period (Month, Quarter, or Year). VAEU records are created only if the input data (Fuel Used and Distance Travelled) is available.

Period:

Please select the Report Year (Scope 1 Reporting Year)

Please select....

Create/Update Records

Please select....

2015

2016

2017

2018

2019

2020

2021

2022

2023

Vehicle Asset Energy Use

► Inputs : Fuel Consumed, Distance Travelled

 Vehicle Asset Energy Use
Vehicle 91 - 2022 - Annual

▼ Data Inputs

Fuel Type	Aircraft Type
Gasoline	
Fuel Efficiency 	Fuel Efficiency Unit
6.89	L per 100 km
Fuel Consumption	Fuel Consumption Unit
2,268.00	Liters
Distance 	Distance Unit
32,926.00	Kilometers
Aircraft Fuel Economy	Aircraft Fuel Economy Unit
	Liters per Hour
Flight Date	Flight Duration (Hours)

► Output: CO2, N2O, CH4 Emissions

 Vehicle Asset Energy Use
Vehicle 91 - 2022 - Annual

▼ Greenhouse Gas Emissions Results

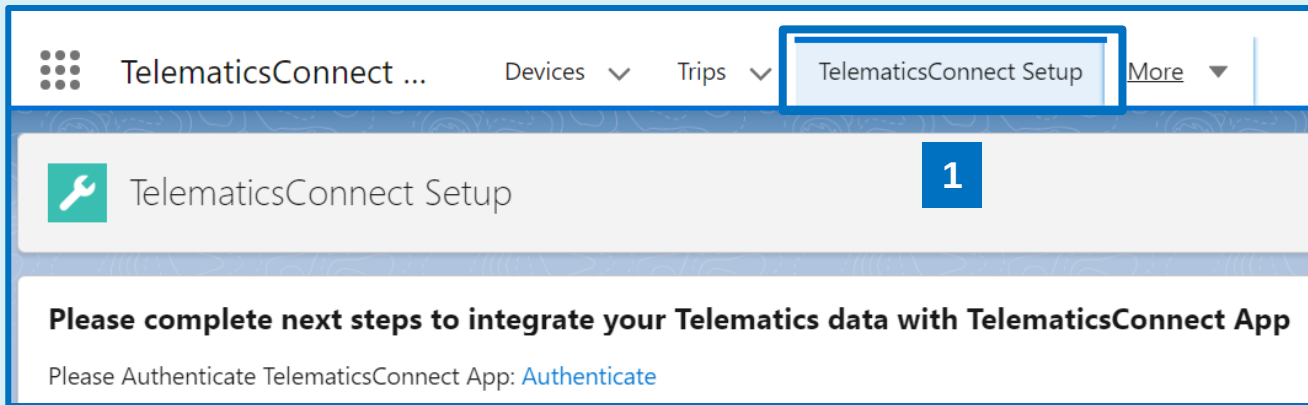
Scope 1 Emissions (tCO2e)	CO2 Emissions (kg)
5.2722	5,260.468599
Scope 2 Location-Based Emissions (tCO2e)	CH4 Emissions (kg)
0.0000	0.104342
Scope 2 Market-Based Emissions (tCO2e)	N2O Emissions (kg)
0.0000	0.030687
Scope 3 Downstream Emissions (tCO2e)	
0.00000	
Scope 3 Upstream Emissions (tCO2e)	
0.00000	

TelematicsConnect App Set-up (Base package)

When the TelematicsConnect App is selected, the App logo appears on top left, and custom tabs are displayed.

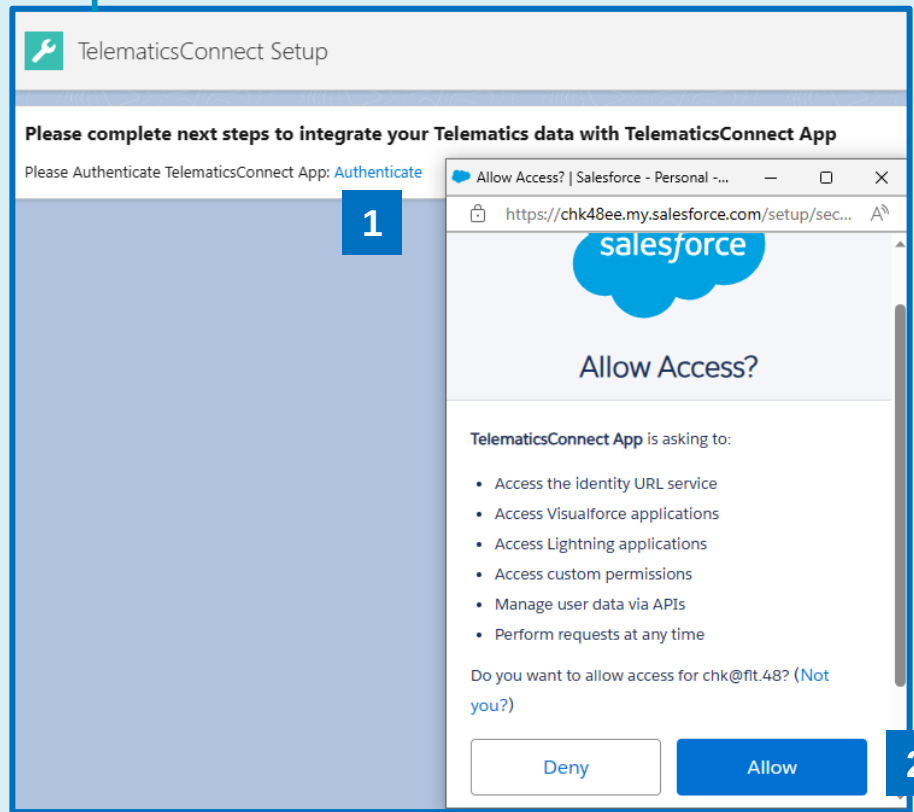
Click the **“TelematicsConnect Setup”** tab.

You may need to extend TelematicsConnect App Menu (drop down arrow) to view this tab.



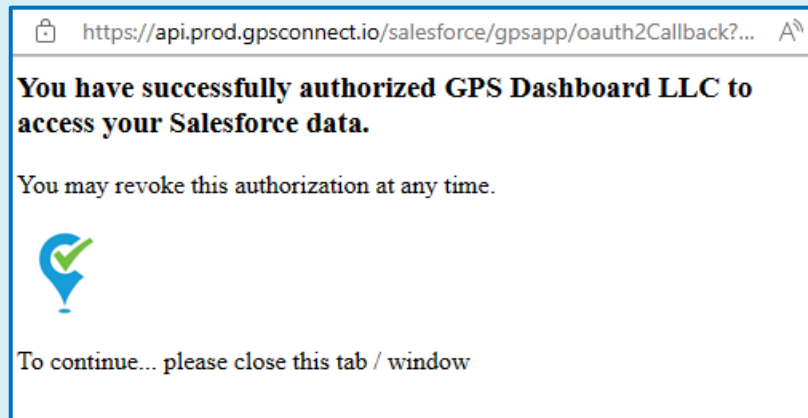
TelematicsConnect App Set-up

1. In "TelematicsConnect Setup" page, click **"Authenticate"**
2. Click **"Allow"** in popup



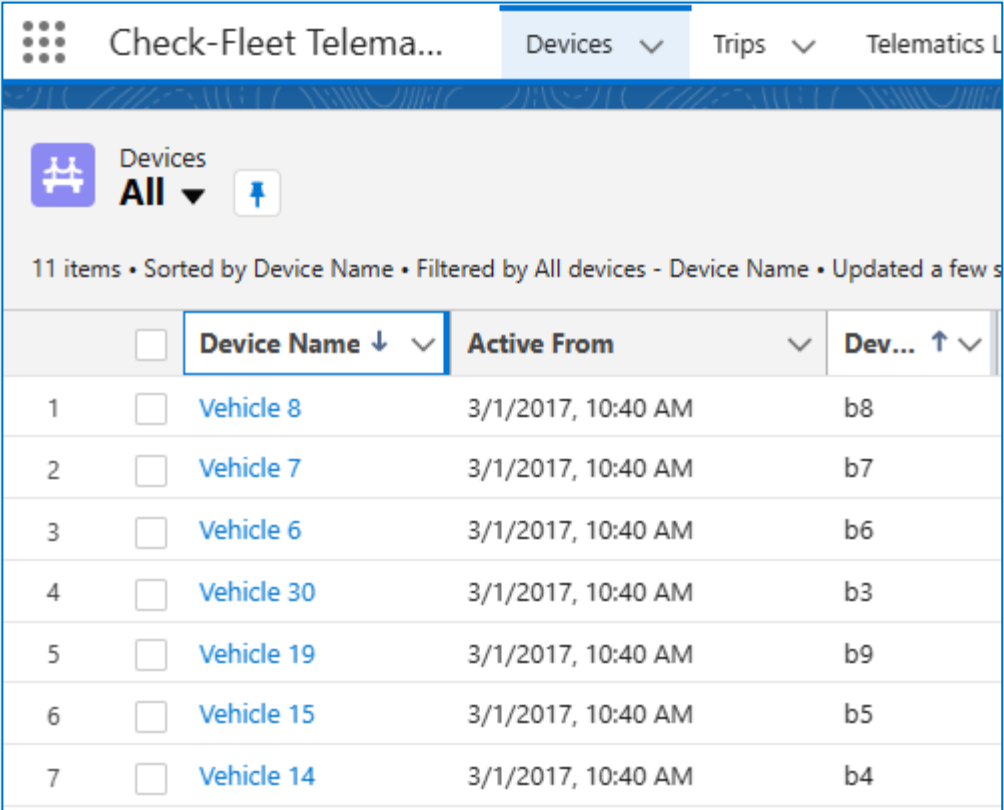
Salesforce Authentication

1. A new separate window with message "You have authorized ..." will display, **close the window**
2. Click **Previous** to return to the Check-fleet Setup page



Devices

1. Click "**Devices**" tab
2. Click "**All**" list view
3. Devices will auto sync, within one or two hours after authentication.



Check-Fleet Telema...					Devices ▾	Trips ▾	Telematics L
					 Devices	All ▾	
11 items • Sorted by Device Name • Filtered by All devices - Device Name • Updated a few s							
	☐	Device Name ↓ ▾	Active From ▾	Dev... ↑ ▾			
1	☐	Vehicle 8	3/1/2017, 10:40 AM	b8			
2	☐	Vehicle 7	3/1/2017, 10:40 AM	b7			
3	☐	Vehicle 6	3/1/2017, 10:40 AM	b6			
4	☐	Vehicle 30	3/1/2017, 10:40 AM	b3			
5	☐	Vehicle 19	3/1/2017, 10:40 AM	b9			
6	☐	Vehicle 15	3/1/2017, 10:40 AM	b5			
7	☐	Vehicle 14	3/1/2017, 10:40 AM	b4			