

## What it is

The Raven Connected Reporting feature rounds up data collected through its advanced telematics capabilities. It presents this data in a consolidated reporting framework for owners, managers, and supervisors to review and take action to improve their business operations.

## How it works

Raven plugs into the OBDII port in vehicles to power the device and to pull several data points from the vehicle. In addition to this data, the device is packed with sensors, including a GPS module, accelerometer, gyroscope, magnetometer, air pressure, and temperature. Raven processes data points based on driving habits then shares them to the app via real-time alerts. It then takes these alerts and packages them into rich reports for managers to identify trends and potential issues with their workflows or driver behavior. Report types currently include:

- **Trip:** driver, vehicle, trip length, distance, date, start and finish locations, and a link to additional details, including events, videos, and more.
- **Stop:** A detailed list of stop and idling events for all vehicles over a selected time period.
- **Activity:** A combined view of driving and parked activities with activity start and end times, duration, distance, location, and Geofence interactions for all vehicles over a selected duration.
- **Event:** number of and which events triggered by each driver by day. Events currently included in this report are aggressive acceleration, speeding, idling, and harsh braking.

- **Geofence:** Driver, vehicle, geofence interacted with, enter and exit timestamps, and time spent inside. Additional details can be found by clicking on the enter or exit timestamps
- **Device:** The current state of each device and all of the details associated with it.
- **Vehicle DTC:** A list of any vehicle diagnostic trouble codes for the set period and what they were.

## How to use it

Vehicle	Date	Type	Start Time	End Time	Duration	Dist (mi)	Location	Geofences	Details
Work Truck (80)	Oct 19-2023				15 days	640.8		Office	
	Oct 17th 2023				+2 days				
	Oct 3rd 2023	🟢	04:29:04 pm	05:42:03 pm	25:12:59	0.0	23 Glenbrook Road, Nottwil, Ontario	Office	Details
	Oct 4th 2023	🟡	05:42:03 pm	05:48:07 pm	00:06:04	5.6	23 Glenbrook Road, Nottwil, Ontario	Office	Details
	Oct 4th 2023	🟢	05:48:07 pm	05:58:11 pm	00:10:04	0.0	26 Nobel Road, MDougal, Ontario		Details
	Oct 4th 2023	🟡	05:58:11 pm	06:02:12 pm	00:04:01	2.7	26 Nobel Road, MDougal, Ontario		Details

1. From the Raven Connected web app, select the Reports drop down.
2. Select the report type you want to review from Trip, Stop, Activity, Event, Geofence, or Device Reports.
3. Adjust your views, including sorting the data by views, what's included, and the time contained in the report.
4. Review the information online or download it as a CSV to share with others or to combine with other reporting done in your business.

Learn about reports with a step-by-step [video](#).

