IOX-AUX: Monitoring Sensors and Inputs

It is important Fleet Managers, Supervisors and Dispatchers to monitor the external components in fleet vehicles. The IOX-AUX facilitates advanced sensor monitoring using an On/Off buil-tin logic. When connected to the GO device, the vehicle's sensor data is transmitted to MyGeotab where the user can create rules and reports based on the readings. Fleet Managers can be notified of specific sensor information by setting up custom alerts. With the IOX-AUX, you can measure four inputs (up to eight with two IOX-AUX).

Examples of Scenarios

● Refrigeration/Reefer On
● Spray On/Off
● Plow Up/Down
● Power Take Off (PTO)
● Sirens/Lights
● Panic Buttons
● Salter/Sander
● Door Sensor Switches

How it Works

The USB connector of the IOX-AUX connector plugs into the GO Device. Your IOX-AUX has four inputs and comes configured as AUX 1-4. Connect the desired auxiliaries in the vehicle to the IOX-AUX wires as needed. On/Off sensor data is transmitted from the GO device to MyGeotab where the user can create rules and reports based on the readings.

Advanced Fleet Monitoring

It is important to monitor the activity of On/Off sensors of your fleet vehicles. For example, in the winter season, municipal Fleet Managers need to know which streets have been plowed. In this scenario, Plow Up/Plow Down data can be used to determine where to dispatch vehicles based on which roads have yet to be plowed. This is also significant for reducing liability.

Example of On/Off Sensor Data Report

Exceptions Summary Report

Created	Dec 17, 2015					
From	Dec 17, 2015					
To	Dec 17, 2015					
Distance Unit	miles					

Device	Device Group	Rule	First Incident	Last Incident	Duration	Distance
Chuck Murry 3	Outside Sales, Demo	Plow Down	Dec 17, 2015 5:03:51 AM	Dec 17, 2015 5:03:51 AM	0:48	46.62
Luke R	Parking Enforcement	Plow Down	Dec 17, 2015 8:06:42 AM	Dec 17, 2015 9:08:14 AM	0:21	5.42
Nelson	Outside Sales, Demo	Plow Down	Dec 17, 2015 8:54:39 AM	Dec 17, 2015 9:00:08 AM	0:17	6.20
Pile	Winter Maintenance, Sedan	Plow Down	Dec 17, 2015 12:02:54 AM	Dec 17, 2015 9:03:30 AM	0:10	1.42
Peter Pallotta - Matrix 2004 - Best	Peter's Group	Plow Down	Dec 17, 2015 6:46:44 AM	Dec 17, 2015 6:46:44 AM	0:53	21.07
Adam Andrews	A.A. Inc. - Fleet Manager - Te	Plow Down	Dec 17, 2015 8:00:17 AM	Dec 17, 2015 8:00:17 AM	0:37	9.75
Emile	Driver Division Group	Plow Down	Dec 17, 2015 8:15:12 AM	Dec 17, 2015 8:15:12 AM	0:19	4.62

Custom Alerts

Fleet Managers can set up alerts to be triggered when drivers violate a given rule that corresponds to sensor activity. You can customize when and how you receive the alert. In response to the alert, Fleet Managers can provide feedback to the driver in a variety of different ways.

BENEFITS

✔ **Efficient Fleet Management**

Monitoring up to 8 inputs in a given vehicle enables supervisors to manage a fleet more efficiently. For example, the ability for a municipal fleet manager to view which roads have not been plowed will assist in determining where to dispatch vehicles.

✔ **Plug & Play Installation**

The USB connector of the IOX-AUX connector plugs into the GO Device. Your IOX-AUX has four inputs and comes configured as AUX 1-4. Connect the desired auxiliaries in the vehicle to the IOX-AUX wires as needed. On/Off sensor data is transmitted from the GO device to MyGeotab.

✔ **Improve Safety**

Monitor trends among your fleet's On/Off sensor data to identify unsafe habits.

✔ **Significant For Liability**

Accurately recorded On/Off sensor data is crucial for organizations that are legally responsible for providing a given service.