About Reports

Reports allow you to quantify activity, idling, stop times, speeding, and other aspects of fleet efficiency.

Click the **Reports** menu item to open the Reports tab. All report types that are available to run or schedule are listed on this tab. (If you want to see reports that you've scheduled, click the My Reports tab.)

Please see Available Reports for a list of available reports and corresponding descriptions of each report.

> **Note.** All line items in a single report show a consistent time zone (i.e., does not vary by the vehicle's location). Set the timezone in your user profile.

All reports include links to export data for further manipulation and sorting. You can run reports on the fly, or you can schedule a report for automatic delivery.

Please see Available Reports for a list of available reports and corresponding descriptions of each report.

Reports (Ad Hoc)

Customize your report settings on-demand, and view the results within your current browser session.
Learn More...

Scheduled Reports

Save your report settings for regular, automated delivery to one or more recipients via email.
Learn More...

Reports allow you to quantify activity, idling, stop times, speeding, landmark visits, and other aspects of fleet efficiency. All reports include links to export data for further manipulation and sorting. You can run reports on the fly, or you can schedule a report for automatic delivery.

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Customize your report settings on-demand, and view the results within your current browser session.
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Report Types

The following reports may be available for you to run on-demand.

> **Note.** Not all reports are available for your account. Some reports that are custom to an account are not listed. All reports based on Summary data can be run for vehicle/group (driver-aware) or driver/group (driver-centric).

Activity Reports

Activity Detail	Show reported locations and other details for each vehicle. Filter by driver/driver group, vehicle, date, and time. Optionally include columns for closest landmark, all points (individual idle and non-ignition points), attribute(s), and diagnostics (if applicable).

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Begin/End of Day	Show first start and last stop for any or all vehicles in your fleet. Filter by vehicle/group, driver/group, date and minimum stop duration. Optionally include all activities, exclude first/last stops (e.g., eliminate the driver's commute to/from work), exclude home landmark (e.g., eliminate visits within a landmark such as a service center or yard that you can specify when the option is chosen), or show % drive time.
Drive Time Summary	Show fleet driving statistics. Filter by driver/driver group, vehicle/group, date, start time, and end time. Optionally include overlapping trips, apply to each day, PTO data, and columns for attribute(s).
Driver History	Show vehicle driver assignments. Filter by vehicle/group, and date. Optionally include columns for attribute(s).
Fleet Utilization	Show utilization details on all fleet vehicles. Filter by vehicle/group, date, miles daily, and miles total. Optionally include unutilized vehicles, daily utilization, miles and trips, drivers, miles daily (custom threshold), miles total (custom threshold), current location, custom metrics, and columns for attribute(s).
Idle Time Summary	Show idle durations for your fleet. Filter by vehicle/group, date, and minimum idle time. Optionally include vehicles with no activity, current location, and columns for attribute(s) and/or custom metrics. Optionally hide driver information.
Idle Time Detail	Show individual idle stops for vehicles in your fleet. Filter by vehicle/group, date, and minimum idle time. Optionally include columns for attribute(s).
Odd-Hours	Show driving-time violations. Filter by vehicle/group, driver/group, date, start time, end time, landmark/group, and violation type (in landmark, out of landmark). Optionally treat date selection as a weekend (time restrictions apply to first day and last day). Within the report, click the Drive Time value to open the related Activity Detail report.

Diagnostic Reports

Fuel Usage Detail	Show gallons used and miles per gallon reported by the vehicle (supported devices). Filter by vehicle/group and date. Optionally include a gas price/gallon (automatically calculate fuel cost for each line item), show MPG (miles per gallon), show GPH (gallons per hour), show estimated fuel usage, and attribute(s). Fuel Usage from Diagnostics* is available for vehicles that track diagnostic data. Estimated fuel usage is available for vehicles that do not track diagnostic data, in which case usage is based on run time, speed, idle time, and engine size. Because estimated usage readings are not reported from the vehicle, they should not be considered 100% reliable.
Fuel Usage Summary	Show gallons consumed by month (supported devices). Filter by vehicle/group/driver and date period. Optionally include miles, split data weekly, and attribute(s). Fuel Usage from Diagnostics* is available for vehicles that track diagnostic data. Estimated fuel usage is available for vehicles that do not track diagnostic data, in which case usage is based on run time, speed, idle time, and engine size. Because estimated usage readings are not reported from the vehicle, they should not be considered 100% reliable.
Performance	Show most recently reported data from each vehicle. Filter by vehicle/group. Choose to add Stop Duration, Non-Reporting, or Voltage Below parameters. If you choose one of these items, only the vehicles that match the criteria will be included in the report. If you choose MORE than one of these options, the system treats them as "AND" operators. For example, if you chose two options (i.e., stopped for five days AND non-reporting for two days), both of those requirements must be true in order for a vehicle to be included in the report. Optionally include columns for attribute(s). Helps to detect device reporting issues.
Run Time	Show odometer and run time totals. Filter by vehicle/group, and date. Optionally include service reminders and columns for attribute(s). Selecting the Basic Report option removes all columns except Vehicle, Driver, Days, Last Reported, Run Time, and Run Time (lifetime). If you've added an adjustment baseline, the total run time value will be called "Total Engine Hours" instead of "Total GPS Device Hours."
Diagnostic	Show diagnostic data collected for supported devices. Filter by vehicle/group and date. Optionally include columns for attribute(s).
DTC Alerts	Show alert data reported by the engine via Diagnostic Trouble Codes (supported devices). Filter by vehicle/group and date. Optionally include columns for attribute(s).

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Service History	Show history of logged service for your fleet. Filter by vehicle/group and date. Choose the Show All option to disregard date selection and show all past service history records for the selected vehicle(s).
Service Reminders	Show pending and overdue service reminders. Filter by group.
Switch Alerts	Show switch-based alerts (e.g., Battery Voltage, External Power Lost, Panic Switch, Power Cycle, or Temperature). Filter by vehicle/group and date.
Driving Violations Detail	Show details on Violations reported by supported diagnostic devices (PNP-3000 buzzer-enabled + others). Filter by vehicle/group. Sort columns in the report by Vehicle, VIN, Driver (if assigned), Violation Time, and Violation Type: Acceleration, Deceleration, Cornering, Idling, and Speeding. The violation thresholds for these categories are set on a device level at the time of shipment/installation. To set new defaults for your vehicles, use the PNP Threshold Configuration manager.
Driving Violations Summary	Show a summary of Violations reported by supported diagnostic devices (PNP-3000 buzzer-enabled only). Filter by vehicle/group. The report shows a series of graphs for Violations by Type, Vehicles with Most Violations, Total Violations, and Violations per 100 miles. Sort columns by Vehicle, Driver (if assigned), Distance, Violations per 100 miles, Hard Braking, Hard Left, Hard Right, Idling, Rapid Acceleration, Speeding, and Total. The violation thresholds for these categories are set on a device level at the time of shipment/installation. To set new violation thresholds for your vehicles, use the PNP Threshold Configuration manager

Landmark Reports

Landmark History	Show visits to known landmarks. Filter by vehicle/group, date, landmark, and duration. Optionally include vehicles that passed through a landmark without stopping and columns for attribute(s). If Duration filter is used, the Passing Through filter is overridden. A lookback period of seven days is applied when selecting landmark visits that are within the Report Time Period (RTP), but began prior to the first day of the RTP. If the beginning of a landmark visit is eight days or greater prior to the RTP, it will not be included in the report. "First in" represents the first reported point inside the landmark. "Last in" represents the last reported point inside the landmark. ⊘**Note.** The device must ping (report) while within the landmark to be recognized as within the landmark.
Landmark Log	Show first and last points recorded in landmarks. Filter by vehicle/group, date, landmark/group, and duration (in hours). Optionally include columns for attribute(s), show visits from vehicles passing through (selected by default), and/or limit the stop duration to the selected report timeframe.
Landmark Group	Show stop/idle time spent in a landmark group. Filter by vehicle/group, date, and landmark (multiple). Exclude or include overlapping trips.
Landmark Begin/End of Day	Show printable landmark report with Begin and End of Day. Start/End landmarks are required.
Unmarked Stops	Show stops at unmarked locations. Filter by vehicle/group, date, landmark/group, and minimum stop. ptionally include columns for attribute(s).
Late Start	Show late starts or early returns at a certain landmark. Filter by vehicle/group, date, landmark/group, depart time, and return time.

Speeding Reports

Speed Violations	Show speeding instances with location data for each violation. Filter by vehicle/group/driver, date, speed threshold (max or average). Optionally include sustained speeds (custom threshold values range between 2-7 minutes) and columns for attribute(s).

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Speed Summary	Show speeding trends over time. Filter by driver/driver group, vehicle/vehicle group, and date. Optionally include a column for attribute(s).
Speeding in Landmark	Show speeding within a landmark or landmark group. Filter by vehicle/group, date, landmark/group, and speed threshold (instantaneous or average).
Posted Speed Violations	Show speeding violations of local posted speed. Filter by driver/driver group, vehicle/group, date, and speed threshold. Optionally include sustained speeding and columns for attribute(s). Posted speeds are based on available speed limit information. This data does not include temporary speed reductions such as construction or school zones. If you see a Posted Limit value in the report that you believe to be inaccurate, you can correct a posted speed limit. This report is limited to 3,000 rows.

Stop Detail Reports

Stop Detail and Idle Time	Show stop detail and idle time. Filter by vehicle/group, date, minimum idle time, and minimum stop duration. Optionally include overlapping trips, efficiency, and columns for attribute(s). Click the Browser Map button on this report to visualize your fleet's stops and idle times by displaying color specific circles on a map (red for stopped, purple for idle).
Stop Notes	Show stop details with driver-authored notes. Filter by vehicle/group and date. Optionally include stops with notes only, overlapping trips, and attributes.
Stop/Idle Graph	Show graphed vehicle movement and stop times. Filter by vehicle/group, date, and minimum idle time.
State Mileage	Show mileage by state and vehicle. Filter by vehicle/group and date.
	🚫**Note.** Odometer data by vehicle is now limited to cumulative totals for that vehicle if the vehicle has traveled in more than one state for the range of time specified for the report. If the vehicle has remained within one state, the Start/End Odometer data will be available.
Dwell Time	Show the duration that assets have remained at a specified business location. This report is similar to a Performance Report with a threshold for days, and it helps determine which assets are billable at a customer landmark. Filter by vehicle/group and date. Choose landmark groups for Garage and Customer with a minimum dwell threshold and timezone preference. Optionally add attributes.

Custom Reports

Idle Research	Show graphed idle time trends over time. Filter by vehicle/group and date range. Optionally include weekly output and idle totals or average.
Fuel Card Transactions	Show fuel card purchases for your fleet to help identify fuel card fraud. (Fuel card customers only.) Displays all fuel card transactions in the order they occurred with no grouping of Filter by vehicle/group, date, and attribute (multiple). Optionally include exceptions and nearby vehicles.
Fuel Card Usage	Show fuel card usage and MPG (using last-fuel date). (Fuel card customers only.) Filter by vehicle/group and date. Optionally include columns for attribute(s).
Scorecard	Show vehicle rankings on speeding, braking, and idling. Filter by vehicle group, date, minimum idle time, and score tolerance percentage. Scores correspond to incremental rankings from 1 (worst) to near 0 (best). Score tolerance determines the percent of report lines to be separated by dotted lines near the top and bottom of the Total Score column. This shows the designated percent of vehicles, half high and half low, with the highest and lowest overall scores in the vehicle group. The vehicle at the top of the report has the highest combined score, which typically indicates bad activity reported, so this vehicle needs the most overall improvement. The vehicle at the bottom of the list has the lowest overall score, so it is considered to have the best overall driving activity for that time period. If the Scorecard is utilized, we recommend that it be used as a tool to improve driver behavior and not as a disciplinary tool.
Garmin Custom Forms	Show Garmin Custom Forms that have been sent by compatible devices and received by the system.

About Reports

Admin Reports

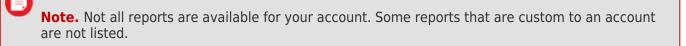|	
Alert History	Show history of all triggered alerts that have been sent from your account. Filter by vehicle/group, driver/group, date, and alert.
Drivers List	Show a list of all drivers in the fleet and their vehicle assignment.
User Activity	Show a summary of user activity (login, reporting, account alerts).
Vehicles List	List all registered vehicles in a specific group.
Vehicle Registrations	List all vehicle registrations for a specific time period.

Hours of Service Reports

HOS Driving Availability	Show hours of service driving availability per driver, as pulled from your Hours of Service solution via eFleetSuite.
Driver-Vehicle Inspection Report (DVIR)	Show DVIRs that have been submitted by driver, including the DVIR ID, Vehicle/Asset, Safety Status, Report Notes, Date Created, Repair Certified, Approved, Defects, and Priority, as pulled from your Hours of Service solution via eFleetSuite and/or via the GPS Insight Driver App (iOS and Android).
HOS Hours and Miles	Show hours and miles for each HOS driver and pulls data directly from your Hours of Service solution via the eFleetSuite portal.
Time to Complete DVIR	Show start time, finish time (inspection complete), total inspection time, notes, and average inspection time per driver. The data for this report is pulled directly from your Hours of Service solution via the eFleetSuite portal and/or via the GPS Insight Driver App (iOS and Android).

*Diagnostic data is an additional paid feature. Diagnostic data varies by vehicle make/model. Data may include engine speed, fuel level, fuel level remaining, fuel rate, odometer, seat belt, and more.

Scheduled Report Types

The following reports are available for you to schedule.

> **Note.** Not all reports are available for your account. Some reports that are custom to an account are not listed.

Accel/Decel Detail	Fast acceleration and harsh-braking. (Supported devices only.) Filter by vehicle/vehicle group and date. Optionally include a column for attribute(s).
Accel/Decel Summary	Compare acceleration/braking over time. (Supported devices only.) Filter by driver/driver group, vehicle/vehicle group, and date. Optionally include a column for attribute(s).
Activity Detail	Show reported locations for each vehicle. Filter by vehicle, date, and time. Optionally include columns for closest landmark, all points (individual idle and non-ignition points), attribute(s), and diagnostics (if applicable).
Alert History	Show history of all triggered alerts that have been sent from your account. Filter by vehicle/group, driver/group, date, and alert.
Begin/End of Day	Show first start and last stop for any or all vehicles in your fleet. Filter by vehicle/group, driver/group, date and minimum stop duration. Optionally include all activities, exclude first/last stops (e.g., eliminate the driver's commute to/from work), exclude base landmark (e.g., eliminate visits within a landmark such as a service center or yard), or show % drive time.
DTC Alerts	Show alert data reported by the engine via Diagnostic Trouble Codes (supported devices). Filter by vehicle/group and date. Optionally include columns for attribute(s).
Diagnostic	Show diagnostic data collected for supported devices*. Filter by vehicle/group and date. Optionally include columns for attribute(s).

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Drive Time Summary	Show fleet driving statistics. Filter by vehicle/group, date, start time, and end time. Optionally include overlapping trips, apply to each day, PTO data.
Driver History	Show vehicle driver assignments. Filter by vehicle/group, and date.
Driving Violations Detail	Detail of the driving violations.
Driving Violations Summary	Report to Driving Violations Summary.
Dwell Time	Show how many days assets have been at your garage locations or billable landmarks.
Fleet Hierarchy Rollup	Utilization details on hierarchy nodes. Filter by group and date. Optionally include a column for unutilized vehicles, Trip Data (sum, average, min., max.), Custom Vehicle Metrics (sum, average, min., max.), Vehicle Attributes (sum, average, min., max.), and Landmark Attributes (sum, average, min., max.).
Fleet Utilization	Show utilization details on all fleet vehicles. Filter by vehicle/group, date, miles daily, and miles total. Optionally include unutilized vehicles, idle time, daily utilization, miles daily (custom threshold), miles total (custom threshold), current location, and columns for attribute(s).
Fuel Card Transactions	Show fuel card purchases for your fleet to help identify fuel card fraud. (Fuel card customers only.) Filter by vehicle/group, date, and attribute (multiple). Optionally include exceptions and nearby vehicles.
Fuel Card Usage	Show fuel card usage and MPG. (Fuel card customers only.) Filter by vehicle/group and date. Optionally include columns for attribute(s).
Fuel Usage Detail	Show gallons used and miles per gallon reported by the vehicle (supported devices). Filter by vehicle/group and date. Optionally show MPG (miles per gallon), show GPH (gallons per hour), show estimated fuel usage, and attribute(s). Fuel Usage from Diagnostics* is available for vehicles that track diagnostic data. Estimated fuel usage is available for vehicles that do not track diagnostic data, in which case usage is based on run time, speed, idle time, and engine size. Because estimated usage readings are not reported from the vehicle, they should not be considered 100% reliable.
Fuel Usage Summary	Show gallons consumed by month (supported devices). Filter by vehicle/group/driver and date period. Optionally include miles, split data weekly, and attribute(s). Fuel Usage from Diagnostics* is available for vehicles that track diagnostic data. Estimated fuel usage is available for vehicles that do not track diagnostic data, in which case usage is based on run time, speed, idle time, and engine size. Because estimated usage readings are not reported from the vehicle, they should not be considered 100% reliable.
Garmin Custom Forms	Show Garmin Custom Forms that have been sent by compatible devices and received by the system.
HOS Driving Availability	Report of available driving time by registered HOS driver.
Hours and Miles	HOS Hours and Miles Report.
Idle Detail	Report on individual idle stops for vehicles in your fleet.
Idle Research	Show graphed idle time trends over time. Filter by vehicle/group and date range. Optionally include weekly output and idle totals or average.
Idle Time	Show idle durations for your fleet. Filter by vehicle/group, date, and minimum idle time. Optionally include vehicles with no activity, current location, and columns for attribute(s) and/or custom metrics. Optionally hide driver information.
Landmark Group Stop	Show stop/idle time spent in a landmark group. Filter by vehicle/group, date, and landmark (multiple).

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Landmark History	Show visits to known landmarks. Filter by vehicle/group, date, landmark, and duration. Optionally include vehicles that passed through a landmark without stopping and columns for attribute(s). If Duration filter is used, the Passing Through filter is overridden. A lookback period of seven days is applied when selecting landmark visits that are within the Report Time Period (RTP), but began prior to the first day of the RTP. If the beginning of a landmark visit is eight days or greater prior to the RTP, it will not be included in the report. 'First in' represents the first reported point inside the landmark. 'Last in' represents the last reported point inside the landmark. **⊘Note.** The device must ping (report) while within the landmark to be recognized as within the landmark.
Landmark Log	Show first and last points recorded in landmarks. Filter by vehicle/group, date, landmark/group, and duration. Optionally include columns for attribute(s), show visits from vehicles passing through (selected by default), and/or limit the stop duration to the selected report timeframe.
Late Start	Show late starts or early returns at a certain landmark. Filter by vehicle/group, date, landmark/group, depart time, and return time.
Metrics	Summarize metrics and scorecard data.
Odd-Hours	Show driving-time violations. Filter by vehicle/group, driver/group, date, start time, end time, landmark/group, and violation type (in landmark, out of landmark). Optionally treat date selection as a weekend (time restrictions apply to first day and last day).
Performance	Show most recently reported data from each vehicle. Filter by vehicle/group. Optionally include columns for attribute(s).
Posted Speed	Show speeding violations of local posted speed. Filter by driver/driver group, vehicle/group, date, and speed threshold. Optionally include sustained speeding and columns for attribute(s). Posted speeds are based on available speed limit information. This data does not include temporary speed reductions such as construction or school zones. If you see a Posted Limit value in the report that you believe to be inaccurate, you can correct a posted speed limit by clicking the speed value from the report. Then in the Speed History dialog, click Report Bad Speed.
Pre/Post Inspection	Report for Inspection times.
Run Time	Show odometer and run time totals. Filter by vehicle/group, and date. Optionally include service reminders and columns for attribute(s). Selecting the Basic Report option removes all columns except Vehicle, Driver, Days, Last Reported, Run Time, and Run Time (lifetime).
Scorecard	Show vehicle rankings on speeding, braking, and idling. Filter by vehicle group, date, minimum idle time, and score tolerance percentage. Scores correspond to incremental rankings from 1 (worst) to near 0 (best). Score tolerance determines the percent of report lines to be separated by dotted lines near the top and bottom of the Total Score column. This shows the designated percent of vehicles, half high and half low, with the highest and lowest overall scores in the vehicle group. The vehicle at the top of the report has the highest combined score, which typically indicates bad activity reported, so this vehicle needs the most overall improvement. The vehicle at the bottom of the list has the lowest overall score, so it is considered to have the best overall driving activity for that time period. If the Scorecard is utilized, we recommend that it be used as a tool to improve driver behavior and not as a disciplinary tool." Service Reminders,"Show pending and overdue service reminders. Filter by group.
Service Reminders	Pending service reminders for your fleet.
Speed Summary	Show speeding trends over time. Filter by driver/driver group, vehicle/vehicle group, and date.
Speed Violations	Show speeding instances with location data for each violation. Filter by vehicle/group/driver, date, speed threshold (max or average). Optionally include sustained speeds (custom threshold values range between 2-7 minutes) and columns for attribute(s).
Speeding in Landmark	Show speeding within a landmark or landmark group. Filter by vehicle/group, date, landmark/group, and speed threshold (instantaneous or average).

State Mileage Report	Show mileage by state and vehicle. Filter by vehicle/group and date. ⊘**Note.** Odometer data by vehicle is now limited to cumulative totals for that vehicle if the vehicle has traveled in more than one state for the range of time specified for the report. If the vehicle has remained within one state, the Start/End Odometer data will be available.
Stop/Idle Graph	Show graphed vehicle movement and stop times. Filter by vehicle/group, date, and minimum idle time.
Stop Detail and Idle Time	Show stop detail and idle time. Filter by vehicle/group, date, minimum idle time, and minimum stop duration. Optionally include overlapping trips, efficiency, and columns for attribute(s).
Stop Notes	Show stop details with driver-authored note. Filter by vehicle/group and date. Optionally include stops with notes only, overlapping trips, and attributes.
Switch Alerts	Show switch-based alerts (e.g., Battery Voltage, External Power Lost, Panic Switch, Power Cycle, or Temperature). Filter by vehicle/group and date.
Trip Detail	Printable report with trip details.
Unmarked Landmarks	Show stops at unmarked locations. Filter by vehicle/group, date, landmark/group, and minimum stop. Optionally include columns for attribute(s).
User Activity	Show a summary of user activity (login, reporting, account alerts).
Vehicle List	List all registered vehicles in a specific group.
Vehicle Registrations	List all vehicle registrations for a specific time period.

More reference materials:

- Having trouble with reports not returning relevant data? Check out Reviewing Reports.

- Have a DTC question? View About Alerts.