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Custom Scorecard

Creating your own custom scorecards is a feature that is available to admin users in OneView. You can choose to use the default scorecard (Standard Safety Scorecard) or customize as many scorecards as you need for your assets and drivers.

You will find the administrative set up of custom scorecards by clicking on your Admin tab, then Scorecards.

Safety Scorecard (Default)
The standard safety scorecard below is a default scorecard based on the previous version of the scorecard report. It is a good starting point if you are not sure which stats to focus on or what point value to give each occurrence. This example is assigned to all actor classes by default, but can be adjusted to apply only to specific actor classes. For each custom scorecard, including the standard safety scorecard, choose the time period the scorecard will measure: a week, a month, or a quarter. (See inset in picture below.)
Scorecard Breakdown

The scorecard is comprised of stats that you select and the point values you assign to each stat that the asset/driver will lose for not reaching your customizable goal. There is a default safety scorecard that you can use and adjust as necessary, or you can create any number of different scorecards that adhere to your goals for drivers or assets. Understanding the scorecard starts with familiarizing yourself with the stats and the calculations.

Stats

Building a scorecard starts with the choosing stats that you are going to use as indicators of your drivers/assets performance or behavior. These stats measure things like the number of times a vehicle/driver is speeding, or how much time an asset is idling. See the Appendix for a list of the available stats.

It’s important to note, not all stats apply to all assets or drivers. For example, an older model truck that does not have full diagnostics cannot send fuel usage data, therefore the fuel efficiency stats will not show any data in the scorecard. Also, many stats apply to both vehicles and drivers so you could use them in multiple scorecards.

Calculations

After choosing which stats to use, you will decide how points are calculated. You will need to decide how many points a driver/asset will lose if they are over or under the goal that you set for each stat that you choose. The loss of points is based on a 100 point total per day, per distance of 100 miles / 100 kilometers or per runtime hour. The calculation logic of the score/points will change depending on the stat, and you will see the options you can choose after you select the stat. These options could be by count, percentage, time, volume, speed, velocity or distance, and you will see which ones apply after you select the stat.

Count – counts each occurrence per day or per 100 miles/kilometers, or per hour of runtime

<table>
<thead>
<tr>
<th>Stat</th>
<th>Calculation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hard Brakes (Count)</td>
<td>Lose 13 point(s) for every Count (1 decimals)</td>
</tr>
</tbody>
</table>

Percent – uses the percentage per day or per 100 miles/kilometers, or per hour of runtime

<table>
<thead>
<tr>
<th>Stat</th>
<th>Calculation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speeding % &gt;10mph</td>
<td>Lose 17 point(s) for every Percent</td>
</tr>
</tbody>
</table>

Time – uses the amount of time per day or per 100 miles/kilometers, or per hour of runtime

<table>
<thead>
<tr>
<th>Stat</th>
<th>Calculation</th>
</tr>
</thead>
<tbody>
<tr>
<td>PTO 1 Runtime</td>
<td>Lose 3 point(s) for every Hours</td>
</tr>
</tbody>
</table>

Days

Minutes
Assign a Scorecard
A custom scorecard is assigned to all actor class by default. Use the “Applies To” field to apply a scorecard only to select actor classes. Scroll through the alphabetical list of actor classes and click on all of the classes to assign the scorecard.

Reading a Scorecard
When looking at an asset or driver’s Scorecard tab, the first panel consists of a tab for each scorecard, showing the overall grade or score. Below the scorecard tab(s) is the breakdown of the statistics of that scorecard.

Scorecard Tabs
Each scorecard will have a clickable tab that includes the name of the scorecard, the timeframe which can be toggled between the current and previous (will be based on the scorecard’s setting in the admin set up), the score or letter grade, and a note depicting if this score improved or decreased from the previous time period.

Scorecard Grading
The grading system used in the scorecards is as follows:

**NG** — there is no data/not enough data in the timeframe for a score

A+ = 97 – 100
A  = 94 – 96
A-  = 90 – 93
B+  = 87 – 89
B   = 84 – 86
B-  = 80 – 83
C+  = 77–79
C   = 74 – 76
C-  = 70 – 73
D   = 60 – 69
F   = below 60
Activity Details

Below the scorecard tab will be the activity details which includes the mileage covered and number of days shown.

Daily Scores

The daily scores area break down the scores each day with individual columns showing the individual stats daily scores, with an overall score at the top in a color coded circle. The stats are also color coded based on how close or far the score is from the goal. Green is good, red is bad, orange is somewhere in the middle. The color is based on your customized scoring and therefore it is impossible to say “x amount of points equals x color.”

Daily Scores:  Individual Stats breakdown:

Region Scorecard

Click on a region folder and you will see a Scorecard tab that includes scorecards that apply to the types of assets included in that region.
Appendix

Active
This stat is for mobile equipment that monitor usage. If the asset was moved or ran at all during a day, it will measure that as active. 1 = active, 0 = inactive

Compliant Logbook
A compliant log day is certified, has zero hours of service violations, zero missing locations or missing shipping document number, or zero missing DVIR’s. 1 = compliant, 0 = not compliant

Connected Hours
How many hours a trailer/mobile equipment is connected to power on a tractor.

Connected Hours %
The percentage of time that a trailer is connected with power to a tractor. This is a trailer or mobile equipment stat.

Connected Hours/stop
How many hours a trailer/mobile equipment are connected to power on a tractor per stop.

Distance Moved
The distance an asset moves each day. This is for mobile equipment.

Driving Time
The amount of time a vehicle is in motion per day. This is both a vehicle and a driver stat. It may not reflect the same amount of drive time on a driver’s log book.

Driving Time/stop
This is a daily average of how much drive time per stop by a vehicle or driver.

Fuel Efficiency (Driving)
This calculates the fuel efficiency of a vehicle per day. This is both a vehicle and a driver stat. The vehicle must be monitoring fuel usage with full diagnostics.

Fuel Efficiency (Overall)
The overall miles per gallon or kilometers per liter for this asset. This is a both a vehicle and a driver stat.

Fuel Usage (Driving)
This calculates the amount of fuel used each day by a vehicle/driver.

Fuel Usage (Idling)
The amount of fuel used during idle time each day. This is both a vehicle and driver stat.

Fuel Usage (Total)
This is how much fuel is used by an asset or driver per day.

Fuel Used (Any PTO)
This will measure the amount of fuel used during any PTO usage for the vehicle or driver.

Fuel Used (PTO 1)
The amount of fuel used during the operation of PTO 1. This is both a vehicle and a driver stat.
**Fuel Used (PTO 2)**
The amount of fuel used during the operation of PTO 2. This is both a vehicle and a driver stat.

**Fuel Used (PTO 3)**
The amount of fuel used during the operation of PTO 3. This is both a vehicle and a driver stat.

**Fuel Used (Simultaneous PTO)**
The amount of fuel used during the operation of multiple PTO’s. This is both a vehicle and a driver stat.

**Hard Brakes (Max)**
This is the largest deceleration by an asset or driver.

**Hard Brakes (count)**
Total number of hard braking events per day.

**Hard Brakes >5 mph/s (count)**
The number of times a vehicle/driver brakes at a rate greater than 7.5 mph/s (or higher).

**Hard Brakes >7.5 mph/s (count)**
The number of times a vehicle/driver brakes at a rate greater than 7.5 mph/s (or higher).

**Hard Brakes >10 mph/s (count)**
The number of times a vehicle/driver brakes at a rate greater than 10 mph/s (or higher).

**Hard Corners >6.5 mph/s (count)**
The number of times a vehicle/driver turns a corner at a rate of 6.5 mph/s or higher.

**Hard Corners >7.5 mph/s (count)**
The number of times a vehicle/driver turns a corner at a rate of 7.5 mph/s or higher.

**Hard Corners > 10 mph/s (count)**
The number of times a vehicle/driver turns a corner at a rate of 10 mph/s or higher.

**Heavy Acceleration (Max)**
This is the largest heavy acceleration by an asset or driver.

**Heavy Acceleration (Count)**
This is the total number of heavy accelerations by an asset or driver.

**Heavy Acceleration >5 mph/s (count)**
The number of times a vehicle/driver accelerates at a rate of more than 5 mph/s (or higher).

**Heavy Acceleration >7.5 mph/s (count)**
The number of times a vehicle/driver accelerates at a rate of more than 7.5 mph/s (or higher).

**Heavy Acceleration >10 mph/s (count)**
The number of times a vehicle/driver accelerates at a rate of more than 10 mph/s (or higher).

**HOS Break Violation Time**
On a per day basis, if a driver had a break rule violation, how much total time was the driver in violation.
**HOS Driving Violation Time**
The amount of time a driver is in violation of the driving hours of service rule. This is a driver stat.

**HOS Driving Utilization %**
The percentage of time that a driver is in a driving duty status of the max time they could have been allowed by the HOS rule.

**HOS Driving Violation Time**
The amount of time a driver is driving in violation of any of the hours of service rules in each day. This is a driver stat.

**HOS Location Missing**
If a driver has a missing location on any On Duty or Driving records. 1 = missing location that day, 0 = no missing locations

**HOS Missing Day**
If the driver has a day of no log entries and it is also uncertified. 1 = missing day, 0 = day present

**HOS Off Duty Time**
The amount of time a Driver spends in Off Duty status each day. This is a driver stat.

**HOS On Duty “Delay” (Count)**
The number of occurrences of On Duty, Not Driving HOS Duty Status records with a note of “Delay”

**HOS On Duty “Delay” Time**
The length of time spent in On Duty, Not Driving HOS Duty Status records with a note of “Delay”

**HOS On Duty “Unknown” (count)**
The number of occurrences of On Duty, Not Driving HOS Duty Status records with a note of “Unknown”

**HOS On Duty “Unknown” Time**
The length of time spent in On Duty, Not Driving HOS Duty Status records with a note of “Unknown”

**HOS On Duty Time**
The amount of time a Driver spends in On Duty each day. This is a driver stat.

**HOS On Duty Utilization %**
The percentage of time that a driver is in on duty (Driving or On Duty, Not Driving) status of the max time they could have been allowed by the HOS rule.

**HOS On Duty Violation Time**
The amount of time each day that a driver spends in violation of the Daily On Duty Time Hours of Service rule. This is a driver stat.

**HOS Period Break Violation Time**
The amount of time each day that a driver spends in violation of the Period Break Rule of the Hours of Service rules. This is a driver stat.

**HOS Period Violation Time**
The amount of time each day that a driver spends in violation of the Period Limit of the Hours of Service rules. This is a driver stat.
**HOS Shipping Document Number Missing**
The number of driving records that are missing a shipping document number on a driver’s log book. 1 = missing shipping document number that day, 0 = no missing shipping document numbers

**HOS Sleeper Time**
The amount of time each day that a driver spends in Sleeper Berth status. This is a driver stat.

**HOS Violation Time**
The time of Hours of Service violations a driver has on their log book.

**HOS Uncertified Day**
If a driver has days on their log book that are not signed. 1 = uncertified, 0 = certified

**HOS Violation (count)**
The number of Hours of Service violations a driver has on their log book.

**HOS Well Time**
The amount of time each day that a driver spends in Waiting at Well Site status. This is a driver stat.

**HOS Work Time**
How much time a driver has spent On Duty (combination of On Duty, Not Driving plus Driving time) per day.

**Idling %**
The percentage of time that a vehicle is idling of the total time it is running. This is both an asset and a driver stat.

**Idling >1 hour**
The number of separate idling events by a vehicle/driver that are greater than 60 minutes.

**Idling >10 minutes**
The number of separate idling events by a vehicle/driver that are greater than 10 minutes.

**Idling >20 minutes**
The number of separate idling events by a vehicle/driver that are greater than 20 minutes.

**Idling >30 minutes**
The number of separate idling events by a driver/vehicle that are greater than 30 minutes.

**Idling Time**
The amount of idle time for the asset or the driver each day.

**Idling Time (Any PTO)**
The amount of idle time when any PTO is on for the asset or the driver each day.

**Idling Time/stop**
This is an average of how much idle time is used for each stop by an asset or driver.

**Ignition Off Last Time**
The last time the ignition on an asset turned off before midnight.

**Ignition On First Time**
The first time the ignition turned on after midnight on asset.
**Custom Scorecard**

**Inspection (Post) Missing (count)**
The number of missing post trip inspections for a driver.

**Inspection (Pre) Missing (count)**
The number of missing pre trip inspections for a driver.

**Inspection (Review) Missing (count)**
The number of missing inspection review violations by a driver. This happens when a driver operates a tractor or trailer that has a marked defect on its last inspection. The driver should review that defect before operating the tractor or trailer.

**Max Speed**
This is the highest speed reached by a vehicle each day. This is both a vehicle and driver stat.

**Mileage**
This is how many miles a vehicle was driven each day. This is both a vehicle and a driver stat.

**Mileage (Non Stopped)**
The number of non-stop miles driven each day (for those assets that have miles increase due to PTO when stopped)

**Mileage/stop**
This is the average number of miles or kilometers per stop by a vehicle or driver.

**PTO 1 Runtime**
The amount of time the PTO 1 was running. This is both a vehicle and a driver stat.

**PTO 1 Runtime %**
This is the percentage of time that the PTO 1 is engaged. This is both a vehicle and driver stat.

**PTO 2 Runtime**
The amount of time the PTO 2 was running. This is both a vehicle and a driver stat.

**PTO 2 Runtime %**
This is the percentage of time that the PTO 2 is engaged. This is both a vehicle and driver stat.

**PTO 3 Runtime**
The amount of time the PTO 3 was running. This is both a vehicle and a driver stat.

**PTO 3 Runtime %**
This is the percentage of time that the PTO 3 is engaged. This is both a vehicle and driver stat.

**PTO (Any) Runtime**
This will measure PTO runtime for any and all monitored PTO's. Can be added to asset or driver scorecards.

**PTO (Any) Runtime %**
The percentage of time that any monitored PTO is running on an asset. Can be a vehicle or driver stat.

**PTO (Simultaneous) Runtime**
The amount of time multiple PTO's were in operation at the same time. This is both a vehicle and a driver stat.

**PTO (Simultaneous) Runtime %**
The percentage of time that more than a single PTO was in operation. This is both a vehicle and driver stat.
Readings (count)
The number of readings received from asset each day.

RPM >2300 (count)
The number of occurrences of high RPM greater than 2300 each day

RPM >2300 Duration
The length of time an engine’s RPM’s were greater than 2300.

Runtime
The amount of time an asset’s engine runs per day. This is both a vehicle and a driver stat.

Runtime %
This is the percentage of an asset’s runtime per day.

Runtime/stop
The average amount of time an asset’s engine runs per stop per day. This is both a vehicle and a driver stat.

Seatbelt off Drive Time
The amount of time a vehicle is in motion without the driver using their seatbelt. This is both a vehicle and driver stat. Must be using the seatbelt monitoring add on.

Seatbelt Usage %
The percentage of time that a driver’s seatbelt was fastened. This is both a vehicle and a driver stat.

Speeding %
The percentage per day that a vehicle or driver was speeding. This is both a vehicle and driver stat.

Speeding % >5mph
The percentage per day that a vehicle or driver was speeding greater than 5 mph. This is both a vehicle and driver stat.

Speeding % >10mph
The percentage per day that a vehicle or driver was speeding greater than 10 mph. This is both a vehicle and driver stat.

Speeding % >20mph
The percentage per day that a vehicle or driver was speeding greater than 20 mph. This is both a vehicle and driver stat.

Speeding (count)
The number of speeding violations per day. This is both a vehicle and a driver stat.

Speeding >5mph (City) (count)
Count of times a driver/vehicle has been speeding than 5 mph over the posted speed limit on city streets per day.

Speeding >5 mph (count)
Count of times the driver/vehicle has been speeding than 5 mph over the posted speed limit of any kind per day.

Speeding >5 mph (Hwy) (count)
Count of times the driver/vehicle has been speeding than 5 mph over the posted speed limit on highway roads per day.
**Speeding >5 for 1m+ (count)**
The number of times a vehicle/driver was speeding for more than 1 minute at a rate of more than 5 mph over the posted speed limit. As an example, if a vehicle/driver was traveling at 6 mph for 2 minutes, then slowed down to 4 mph over for a few minutes, then speed up to 7 mph over for 10 minutes, then the number of >5mph over the posted speed limit would be 2.

**Speeding >10mph (City) (count)**
Count of times a driver/vehicle has been speeding than 10 mph over the posted speed limit on city streets per day.

**Speeding >10 mph (count)**
Count of times the driver/vehicle has been speeding than 10 mph over the posted speed limit of any kind per day.

**Speeding >10 mph (Hwy) (count)**
Count of times the driver/vehicle has been speeding than 10 mph over the posted speed limit on highway roads per day.

**Speeding >10 for 1m+ (count)**
The number of times a vehicle/driver was speeding for more than 1 minute at a rate of more than 10 mph over the posted speed limit.

**Speeding >20mph (City) (count)**
Count of times a driver/vehicle has been speeding than 20 mph over the posted speed limit on city streets per day.

**Speeding >20 mph (count)**
Count of times the driver/vehicle has been speeding than 20 mph over the posted speed limit of any kind per day.

**Speeding >20 mph (Hwy) (count)**
Count of times the driver/vehicle has been speeding than 20 mph over the posted speed limit on highway roads per day.

**Speeding >20 for 1m+ (count)**
The number of times a vehicle/driver was speeding for more than 1 minute at a rate of more than 20 mph over the posted speed limit.

**Stops (count)**
The total number of stops made by a vehicle/driver per day. A stop is measured as a vehicle going less than 5 mph for 3 minutes or more.

**Time Speeding >5 for more than 1 minute**
The amount of uninterrupted time a vehicle/driver was speeding greater than 5mph over the posted speed limit.

**Time Speeding >10 for more than 1 minute**
The amount of uninterrupted time a vehicle/driver was speeding greater than 10mph over the posted speed limit.

**Time Speeding >20 for more than 1 minute**
The amount of uninterrupted time a vehicle/driver was speeding greater than 20mph over the posted speed limit.

**UDR (Count)**
The number of unidentified driving records created on a vehicle. These records do not have to have been accepted yet by a driver. The number includes unsynced driving records.

**UDR Assumed/Assigned (count)**
The number of records on a driver’s log book that originated as unidentified driving records and were assumed by the driver directly on their tablet, or assigned to that driver by management.
**UDR Assumed/Assigned Time**
A daily total of the amount of time all assumed or assigned unidentified driving records. This is a driver stat.

**UDR Unassigned (count)**
The total of unidentified driving records on a vehicle that have not been assigned to a driver. This is a vehicle stat.

**UDR Unassigned w/o Notes (count)**
The total of unidentified driving records on a vehicle that have not been assigned to a driver and also do not have a saved note. This is a vehicle stat.