Driver Vehicle Inspection Reports (DVIR) Guide

Updated 08/05/2016

OneView™ DVIR
Pedigree Technologies

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Driver Vehicle Inspection Reports (DVIR) in OneView

Keys to Maintaining DVIR Compliance

Driver Vehicle Inspection Reports are an important component of compliance and safety. Making sure that your drivers are doing daily inspections and reviews can be meticulous on paper, however using Pedigree Technologies DVIR solution will simplify things greatly.

As a reminder, the FMCSA requires that inspections are done by the driver and filled out on a form at the end of each shift (post-trip inspection) and that inspection reviews are done before driving at the beginning of each shift (pre-trip inspection review). In practice many drivers fill out a DVIR during their pre-trip as well as post-trip inspection.

The keys to maintaining DVIR compliance are:

1. Ensure that drivers are doing their daily inspections and inspection reviews
2. Ensure that vehicles with failed inspections are getting fixed (if required) before they are driven

There are dashboards, reports and alarms setup within OneView to make maintaining compliance easy.

1. Ensure that drivers are doing their daily inspections and inspection reviews

On the dashboard the **Event Feed Module** can be setup with your drivers or vehicles to see the inspections as they happen.

The **Vehicle Inspection History Report** can be run on your fleet of drivers or vehicles to see a history of all inspections done. Like all reports, this can be run manually at any time, however it is typically setup to automatically email the previous day's data each morning for review.

The **Missing Vehicle Inspection Report** can be run on your fleet of vehicles to see if any of your vehicles are driving without doing an inspection. This report checks to see if there was a failed inspection that wasn't reviewed before driving and it also checks to see if a driver did an inspection before going off duty at the end of the day. Note that it does not check to see that an inspection was done before driving at the beginning of the shift as this is not required by FMCSA. Run this report manually or set it up to email on a scheduled basis.

2. Ensure that vehicles with failed inspections are getting fixed (if required) before they are driven

The **Failed Inspection Alarm** can be setup on your drivers, vehicles or trailers to notify you if there are any failed inspections as they happen. This alarm can also automatically create a maintenance job that can be assigned to the mechanic for fixing the cause of the failed inspection.

The **Vehicle Inspection Exception Report** can be run on your fleet of drivers or vehicles to see any failed inspections. If failed inspection alarms (see above) are used to generate maintenance jobs, this report will also show the maintenance work done and date/time of the fix of the failed inspection. Using this report is ideal for documenting failed inspections and how/when they were fixed for audits. Run this report manually or set it up to email on a scheduled basis.

Audits

When having your DVIRs audited, many of the same reports you use to manage DVIRs on a day to day basis are useful.

Before the audit:

- Run the **Missing Vehicle Inspection Report** on your drivers to see if any inspections are missing over the audit timeframe.
- Run the **Vehicle Inspection Exception Report** on your drivers to get a list of all failed inspections. You'll want to verify that you have documentation that the cause of each of those failed inspections was fixed. If you're using the failed inspection alarms to create maintenance jobs, be sure that you've completed all of the maintenance jobs relating to those inspection failures so the documentation is all present in this report.

During the audit:

- Use the **Vehicle Inspection History Report** and the **Vehicle Inspection Exception Report** for a list of DVIRs and failed DVIRs as needed for the auditor.
- Use the **HOS Log Book Report** to generate PDFs (or print) of your driver logs as needed for the auditor. See the OneView HOS Guide for more information.
- Contact Pedigree Technologies Support if you need assistance at **1-800-407-9307**. We're here to help!

Additional Useful Information

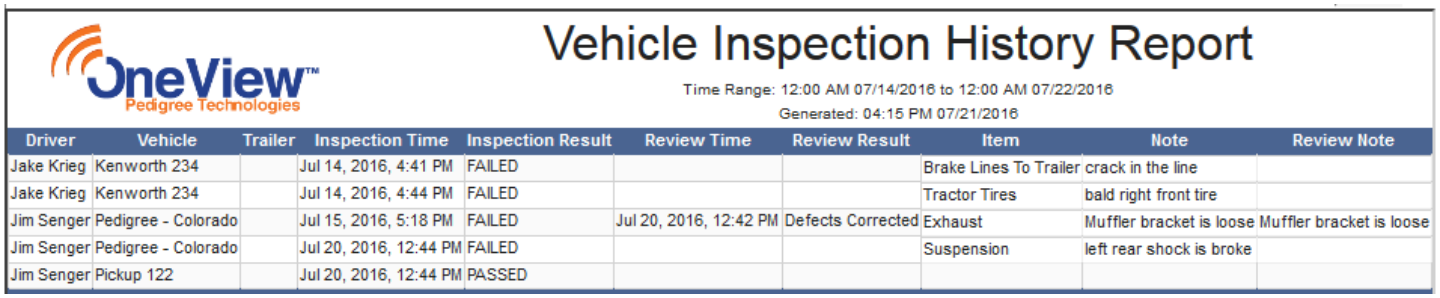
The **Vehicle Inspection Notes Report** is useful for seeing any notes the drivers have made on components of the truck, even if the inspection passed. This can be a useful way for your drivers to communicate information to your mechanics that is not critical enough to fail an inspection.

Reports

Vehicle Inspection History Report

Run on Drivers or Vehicles to see a history of all inspections done.

- Inspections need to be done when driver is "On Duty, (not driving)".
- Pre-trip inspections need to be done before driving the vehicle.
- Post-trip inspections need to be done after the last driving status of the day while in "On Duty, (not driving)" status.



Vehicle Inspection History Report

Time Range: 12:00 AM 07/14/2016 to 12:00 AM 07/22/2016
Generated: 04:15 PM 07/21/2016

Driver	Vehicle	Trailer	Inspection Time	Inspection Result	Review Time	Review Result	Item	Note	Review Note
Jake Krieg	Kenworth 234		Jul 14, 2016, 4:41 PM	FAILED			Brake Lines To Trailer	crack in the line	
Jake Krieg	Kenworth 234		Jul 14, 2016, 4:44 PM	FAILED			Tractor Tires	bald right front tire	
Jim Senger	Pedigree - Colorado		Jul 15, 2016, 5:18 PM	FAILED	Jul 20, 2016, 12:42 PM	Defects Corrected	Exhaust	Muffler bracket is loose	Muffler bracket is loose
Jim Senger	Pedigree - Colorado		Jul 20, 2016, 12:44 PM	FAILED			Suspension	left rear shock is broke	
Jim Senger	Pickup 122		Jul 20, 2016, 12:44 PM	PASSED					

Missing Vehicle Inspection Report

Run this report on vehicles or drivers to make sure that inspections are being submitted daily.

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Missing Vehicle Inspection Report

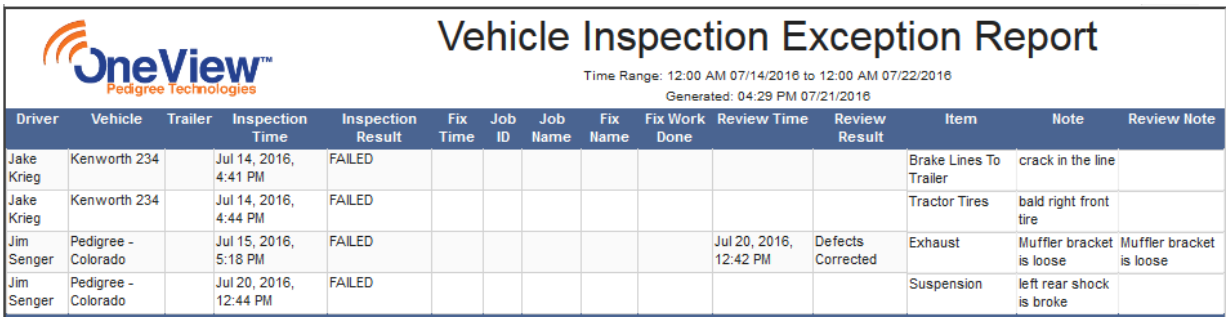
Time Range: 12:00 AM 07/14/2016 to 12:00 AM 07/21/2016
Generated: 04:24 PM 07/21/2016

Driver	Vehicle	Trailer	Issues	Time
Jim Senger	Pedigree - Colorado		Missing Inspection	Jul 15, 2016, 7:34 PM
Jim Senger	Pedigree - Colorado		Missing Inspection	Jul 19, 2016, 8:21 PM
Jim Senger	Jim		Missing Inspection	Jul 20, 2016, 7:11 PM

Vehicle Inspection Exception Report

Run this report on vehicles or drivers to see a record of failed inspections, the work done, and the review of the inspection failure.

- Note that this will include information on the work done to fix a failed inspection only if a failed inspection alarm is set to auto generate a maintenance job.



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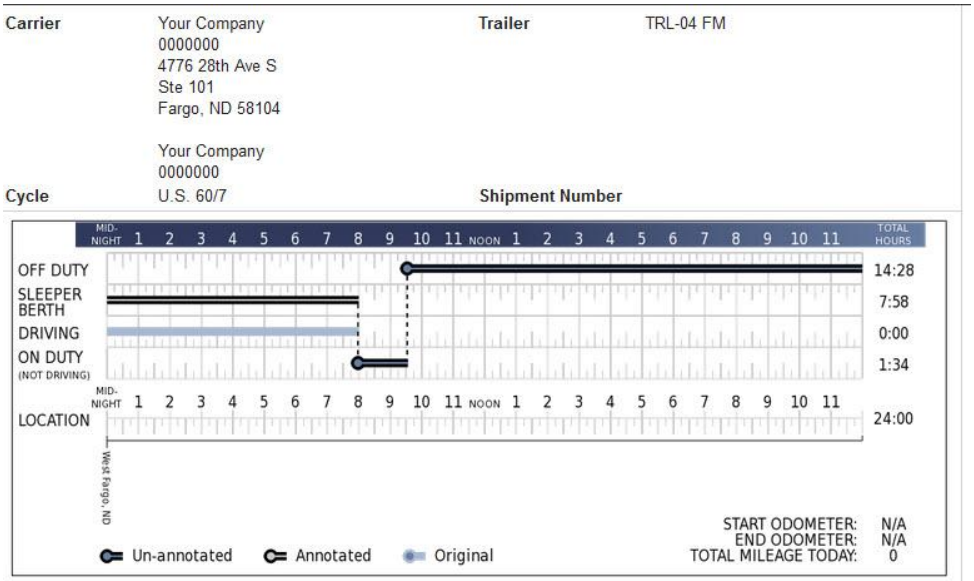
Vehicle Inspection Exception Report

Time Range: 12:00 AM 07/14/2016 to 12:00 AM 07/22/2016
Generated: 04:29 PM 07/21/2016

Driver	Vehicle	Trailer	Inspection Time	Inspection Result	Fix Time	Job ID	Job Name	Fix Name	Fix Work Done	Review Time	Review Result	Item	Note	Review Note
Jake Krieg	Kenworth 234		Jul 14, 2016, 4:41 PM	FAILED								Brake Lines To Trailer	crack in the line	
Jake Krieg	Kenworth 234		Jul 14, 2016, 4:44 PM	FAILED								Tractor Tires	bald right front tire	
Jim Senger	Pedigree - Colorado		Jul 15, 2016, 5:18 PM	FAILED						Jul 20, 2016, 12:42 PM	Defects Corrected	Exhaust	Muffler bracket is loose	Muffler bracket is loose
Jim Senger	Pedigree - Colorado		Jul 20, 2016, 12:44 PM	FAILED								Suspension	left rear shock is broke	

HOS Log Book Report

Printable/exportable daily HOS logbook.



Carrier Your Company
0000000
4776 28th Ave S
Ste 101
Fargo, ND 58104

Your Company
0000000

Trailer TRL-04 FM

Cycle U.S. 60/7

Shipment Number

MID-NIGHT 1 2 3 4 5 6 7 8 9 10 11 NOON 1 2 3 4 5 6 7 8 9 10 11 TOTAL HOURS

OFF DUTY 14:28
SLEEPER BERTH 7:58
DRIVING 0:00
ON DUTY (NOT DRIVING) 1:34
LOCATION 24:00

West Fargo, ND

START ODOMETER: N/A
END ODOMETER: N/A
TOTAL MILEAGE TODAY: 0

Un-annotated Annotated Original

Time	Current Status	Location	Note
7:58 AM	On Duty	3.1 mi. from West Fargo, ND	
9:32 AM	Off Duty	3.1 mi. from West Fargo, ND	

Vehicle Inspection Notes Report

Run on vehicles or drivers to see inspections that include notes. Passed and failed inspections are included in the report.

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Vehicle Inspection Notes Report

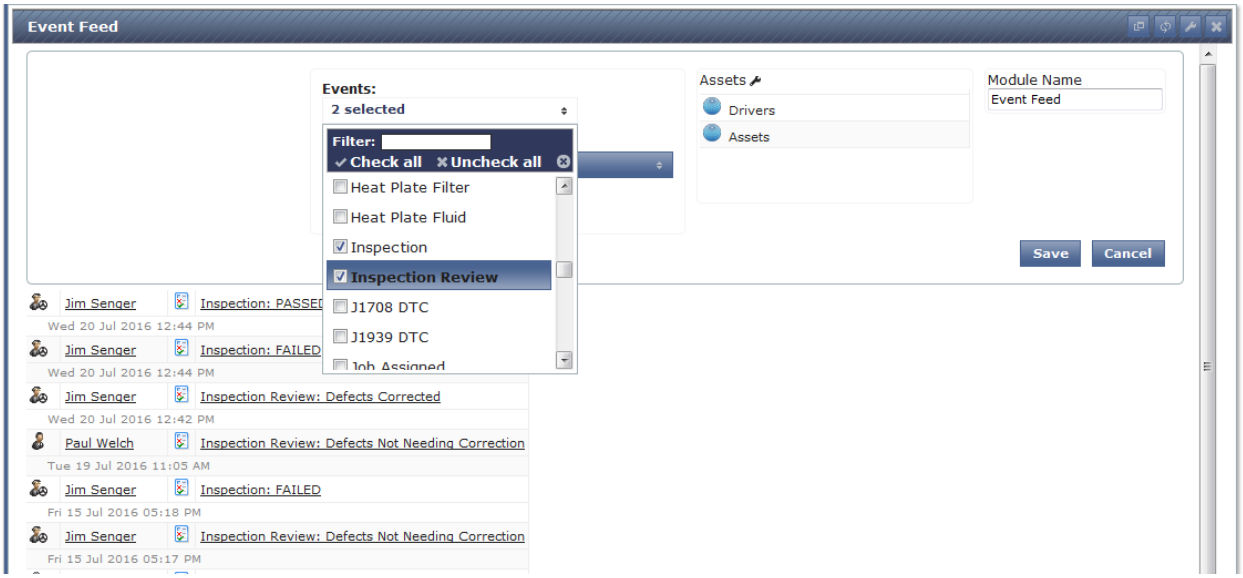
Time Range: 12:00 AM 06/22/2016 to 12:00 AM 07/22/2016
Generated: 09:03 AM 07/22/2016

Driver	Vehicle	Trailer	Inspection Time	Inspection Result	Review Time	Review Result	Item	Note	Review Note
Jake Krieg	Kenworth 234		Jul 14, 2016, 4:41 PM	FAILED			Brake Lines To Trailer	crack in the line	
Jake Krieg	Kenworth 234		Jul 14, 2016, 4:44 PM	FAILED			Tractor Tires	bald right front tire	
Jim Senger	Pedigree - Colorado		Jul 15, 2016, 5:18 PM	FAILED	Jul 20, 2016, 12:42 PM	Defects Corrected	Exhaust	Muffler bracket is loose	Muffler bracket is loose
Jim Senger	Pedigree - Colorado		Jul 20, 2016, 12:44 PM	FAILED			Suspension	left rear shock is broke	

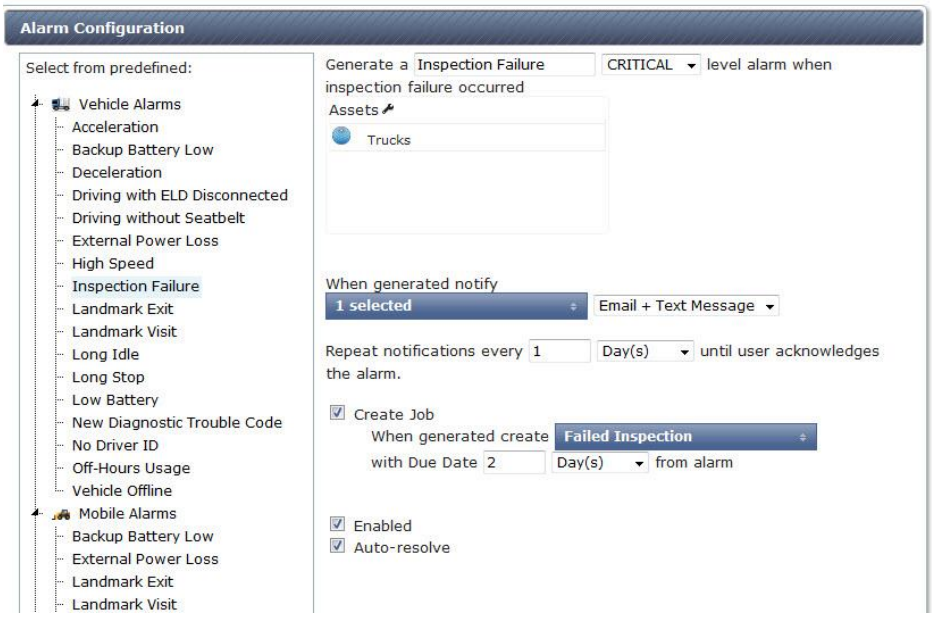
Dashboard Modules

Event Feed Module

Filter the events in this module to show inspection and inspection review events on assets and drivers.



Alarms

Failed Inspection Alarm

Set this alarm on vehicles and/or drivers to be sent via email and/or text message and set it to create a maintenance job in the system.