Samsara DVIR
Simplify Inspection Reports and Compliance

DVIR, included with the Samsara Driver App, is part of a complete solution to improve productivity, simplify compliance, and lower operating costs.

**Reduce Errors**
Easy vehicle inspection reporting and certification for clear records

**Streamline Repairs**
Instantly informs mechanics of issues so they can prepare

**Eliminate Paperwork**
Fully digital records for drivers, mechanics, and fleet managers

Try Samsara for Free
What is Electronic DVIR?

A Driver Vehicle Inspection Report (DVIR) is a required daily record completed by drivers of commercial vehicles, as specified by Federal Law 49 CFR 396.11 and 396.13 and enforced by the DOT.

A DVIR checks around 15 aspects of the vehicle’s mechanical fitness including brakes, lights, couplings and tires.

Electronic DVIRs help drivers efficiently complete inspections and share reports directly with mechanics. Samsara’s Driver App is designed so drivers can complete DVIR faster than paper on any smartphone or tablet.

Samsara’s DVIR-compliant driver apps, fleet reporting, and maintenance tools are part of a complete solution to improve fleet efficiency and lower operating costs.

Start of Shift

Drivers must review the last DVIR completed on the vehicle. If defects are noted they must be inspected and signed off. This is often referred to as the “pre-trip inspection” and outlined in Federal Law 49 CFR 396.13.

End of Shift

Drivers must complete a DVIR on the vehicle. This is specified by Federal Law 49 CFR 396.11. If the driver operates more than one vehicle a separate DVIR must be completed for each vehicle.
Samsara DVIR

Samsara deploys in minutes, and includes everything you need for DVIR:

- Easy-to-use Samsara Driver App enables drivers to log DVIRs and HOS
- Vehicle Gateways provide WiFi for drivers and collect vehicle diagnostics
- Dashboard centralizes DVIR and fleet-wide vehicle information for mechanics and fleet managers
How does Samsara DVIR work?

Samsara’s DVIR solution creates an efficient communication loop between drivers and mechanics so they can quickly address defects and get vehicles back on the road.

1. **Driver** identifies defects and logs DVIR

2. **Mechanic** instantly notified of defects

3. **Mechanic** fixes defects and updates DVIR log

4. **Next Driver** reviews and confirms resolved issues
DVIR is part of Samsara’s complete, real-time solution for drivers and fleet operators

The Samsara Driver App is designed to make daily tasks easier for drivers. It improves driver productivity with paper-free, real-time communications and logging.
Samsara centralizes DVIRs, fault codes, and maintenance records in the cloud

Samsara integrates data from drivers, engine diagnostics, utilization, and mechanics in a single solution. By centralizing issue reports, sensor data, and usage-based maintenance schedules, Samsara enables operators to avoid breakdowns and streamline repairs.

**Driver Vehicle Inspection Reports**

DVIRs appear in mechanics' online dashboard instantly

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**Driver Vehicle Inspection Reports** Feb 2 - Feb 3

<table>
<thead>
<tr>
<th>TYPE</th>
<th>VEHICLE</th>
<th>TRAILER</th>
<th>AUTHOR</th>
<th>AUTHOR SIGNED AT</th>
<th>MECHANIC/AREA</th>
<th>MECHANIC NOTES</th>
<th>DEFECTS</th>
<th>SAFETY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Post-trip</td>
<td>90110</td>
<td>80402</td>
<td>James J...</td>
<td>Feb 3rd, 1:2...</td>
<td></td>
<td></td>
<td></td>
<td>SAFE</td>
</tr>
<tr>
<td>Pre-trip</td>
<td>92506</td>
<td>81097</td>
<td>Keri Gib...</td>
<td>Feb 3rd, 1:3...</td>
<td></td>
<td></td>
<td></td>
<td>SAFE</td>
</tr>
<tr>
<td>Pre-trip</td>
<td>92606</td>
<td>80509</td>
<td>Shannon...</td>
<td>Feb 3rd, 1:2...</td>
<td></td>
<td></td>
<td></td>
<td>SAFE</td>
</tr>
<tr>
<td>Pre-trip</td>
<td>90110</td>
<td>80799</td>
<td>Denis Br...</td>
<td>Feb 3rd, 1:2...</td>
<td></td>
<td></td>
<td></td>
<td>SAFE</td>
</tr>
</tbody>
</table>

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**Real-time Engine Fault Alerts**

Real-time alerts notify team of critical vehicle issues, preventing breakdowns

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Vehicle has fault - 954

Resolved after 30 seconds Oct 18, 12:10pm

Condition held for 10 minutes. Notification sent to (dave.thomas@aviato.net) on Oct 18, 12:30pm.:


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sales@samsara.com
501 York St, San Francisco, CA 94110
Preventive Maintenance Schedules

Schedule usage-based and time-based maintenance tasks

<table>
<thead>
<tr>
<th>VEHICLE</th>
<th>MAINTENANCE ITEM</th>
<th>SCHEDULED AT</th>
<th>DUE IN</th>
<th>ACTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>389</td>
<td>October Garage Check: Every 365 days</td>
<td>10/01/2019</td>
<td>Past 10 days</td>
<td>✓ Resolve</td>
</tr>
<tr>
<td>389</td>
<td>Hotshot oil change: Every 6,000 miles</td>
<td>362,861 miles</td>
<td>In 4,047 miles</td>
<td>✓ Resolve</td>
</tr>
<tr>
<td>954</td>
<td>PM-A: Every 5,000 miles</td>
<td>219,405 miles</td>
<td>In 4,268 miles</td>
<td>✓ Resolve</td>
</tr>
<tr>
<td>221</td>
<td>PM-A: Every 5,000 miles</td>
<td>722,661 miles</td>
<td>In 4,336 miles</td>
<td>✓ Resolve</td>
</tr>
<tr>
<td>221</td>
<td>Hotshot oil change: Every 5,000 miles</td>
<td>722,661 miles</td>
<td>In 4,336 miles</td>
<td>✓ Resolve</td>
</tr>
</tbody>
</table>

Single Hub for All Maintenance Records

Record maintenance tasks in seconds and search for historical records

**ABC DELIVERY**

Maintenance Log

+ Create Log Entry

- **Vehicle:** Ford #32  
  **Logged by:** dave@samsara.com  
  **Maintenance notes:** fluid top off

- **Vehicle:** Volvo #39  
  **Logged by:** dave@samsara.com  
  **Maintenance notes:** oil change at 30k

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