Driver Vehicle Inspection Reporting

Industries:
Direct store delivery
Field service
Transportation and logistics

Products:
Intermec CN51 and CN70 mobile computers
ISE eFleetSuite DVIR software

Region:
United States

Typical Applications:
Any delivery or transportation
activity where vehicles weighing
over 10,000 GVW are used

Customer Benefits:
- Increased operational efficiency
  and regulatory compliance by
  eliminating paper reports and errors
  resulting from manual entry
- Immediate access to DVIR
  reports and repair logs
- Eradicate the cost of paper from
  the process; one company saved
  $36,400 in material costs alone[1]
- Comply with FMCSA regulations with a
  consistent, well-documented process
- Specialized DVIR logging software
  can automate many steps of the
  process, and integrate seamlessly
  with Intermec mobile computers

Industry Need

Companies with private fleets—which can range anywhere from one to a few thousand trucks—are focused on, and experts at, their core business, such as fresh bakery goods or building supplies or home delivery. Fleet management is often a secondary concern. However, the Federal Motor Carrier Safety Administration (FMCSA) doesn't see it that way. Even small fleets are required to comply with the safety management system implemented by the FMCSA.[2]

This means drivers of commercial vehicles weighing over 10,000 pounds gross vehicle weight (GVW) must produce a daily Driver Vehicle Inspection Report (DVIR) detailing issues that could affect vehicle operational safety. A quick overview:
- **Pre-trip:** driver must review and sign a report stating that the vehicle is in safe operating condition and that any necessary repairs have been made.
- **Post-trip:** driver must inspect the vehicle and document any defect or deficiencies that require repairs; if nothing is found, the driver must state this.
- The pre- and post-trip report must be completed for **each** trip, including any mid-route equipment or trailer changes.

More than simply having drivers fill out and sign each report, carriers must keep the inspection report and any certification of repairs for at least three months from the date of completion. Compliance documentation is time-consuming, costly and often inaccurate. In fact, the FMCSA estimates that only 5% of DVIRs identify vehicle defects.[3] And this has significant consequences: non-compliance with FMCSA regulations could lead to fines or, potentially, the issuance of an imminent out-of-service order.

Small private fleets need an efficient, cost-effective method for filling out, filing, purging and accessing DVIR reports in a manner that facilitates compliance with FMCSA regulations.

The Intermec and ISE Solution

Technology, such as management software with electronic DVIR systems, can help small fleets achieve and maintain compliance while saving money on paper and drivers' time to manage reports.

One such technology-based solution is Innovative Software Engineering's (ISE) eFleetSuite DVIR application. It is designed to comply with FMCSA pre- and post-trip report regulations and is specifically designed for quick adoption by both fleets and software solution providers. The eFleetSuite application works on a variety of Intermec mobile computers.

1 http://www.ccjdigital.com/sefl-deploys-electronic-inspection-reporting/
2 This document is for educational purposes only and should not be considered a description of any Federal Motor Carrier Safety Administration (FMCSA) regulatory requirements under Section 4118 in 49 U.S.C. 31151 or any other regulations or law. Nothing in this document should be considered legal advice of any kind, and should not be relied on by the reader for compliance with the FMCSA requirements or any other law. Compliance with any applicable law is the responsibility of the reader. You should consult with your legal department or other attorney regarding compliance.
3 http://www.automotive-fleet.com/blog/market-trends/story/2013/09/concern-voiced-about-fmcsa-proposal-to-eliminate-submission-of-no-defect-driver-inspection-reports.aspx?prestitial=1

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The eFleetSuite application facilitates a completely paperless process. At a major LTL carrier, the eFleetSuite DVIR application has been customized, integrated and deployed fleet-wide. It processes more than 14,000 DVIRs daily and eliminates over 9 million paper forms annually.[4]

The Intermec and ISE Advantage

Innovative Software Engineering (ISE) has leveraged its extensive transportation experience to create the eFleetSuite software package, which helps fleets comply with vehicle inspection and electronic driver log FMCSA regulations. eFleetSuite is easy to deploy, facilitates a paperless process, contains intuitive in-vehicle and web interfaces, and allows for fleet customization. Intermec Technologies Corporation is the workflow performance company. Intermec has helped companies in all segments of the transportation and logistics industry, including small and large fleets, innovate and improve their operations with technology for more than 40 years. We design the leading data capture and information solutions at the interface between mobile workers, assets and customers.

For More Information

For more information, visit www.intermec.com/dvir to download a copy of the white paper: "Driver Vehicle Inspection Reporting for Private Fleets: Pitfalls and Opportunities."

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4 "Driver Vehicle Inspection Reporting for Private Fleets: Pitfalls and Opportunities." Intermec Technologies. 2013. http://www.intermec.com/dvir.

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