

The Fuelogix Electronic Vehicle Inspection Reporting System (EVIRS) integrates a cloud database and an industry-leading mobile application to ensure that required Department of Transportation (DOT) vehicle pre-trip and post-trip inspections are performed effectively, electronically documented and archived. The EVIRS enables users to perform required DOT inspections in the field using a variety of internet-accessible devices.



Highlights of the EVIRS

- Upon login, the EVIRS populates the appropriate state DOT inspection report with the correct vehicle and operator information.
- Makes current and archived reports accessible to the operator, maintenance personnel, and management through the cloud database.
- The EVIRS ensures that operators perform the required inspection tasks and provides additional inspection detail by requiring operators to take time and date stamped photos with the internet enabled device during the inspection process.
- Open database compliance (ODBC) provides the capability for the EVIRS to interface with third party fleet maintenance systems.
- The EVIRS automatically stores the DOT inspection information for 90 days or longer, and reports can be accessed to satisfy internal and external auditing processes.
- The operator's signature is captured electronically to complete the reports, in conjunction with the required signatures from maintenance personnel.
- EVIRS organizes the required inspection data to efficiently guide the operator through the inspection process, thereby reducing the time required to perform the inspection.
- In addition to the required inspection process photographs, operators are required to take photos of any item that is determined to be a hazard or in need of repair. Photos for flagged items can be accessed by maintenance personnel.
- When necessary, the EVIRS provides additional fields for the operator to make notes or take additional photos during the inspection if necessary.
- Cloud database platform provides enterprise-wide access to Business Intelligence (BI) tools for accurate data analysis used in the decision making process.
- Increasing corporate efficiency by automating the collection of EVIR data.
- Effective use of EVIR data to coordinate equipment maintenance, can enhance asset performance and reduce maintenance costs fleet-wide.

Integrated Data Management Systems

Advantages to EVIRS data collection in a secure cloud based environment:

- Online login allows defined user roles and security levels to access data and BI tools including: State specific DOT reporting, static and dynamic reports, and optional dashboards and enhanced analytics capabilities.
- Data and reporting are accessible from various computer, tablet and smartphone platforms (e.g. Windows, Android, iOS.).
- Server authentication and data encryption (SSL 3.0/TLS 1.0) is employed to protect data.
- Information resides in a facility with verified SAS 70 Type II compliance that includes cloud servers and cloud files.
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- Cloud database platform provides enterprise-wide access to BI tools for accurate data analysis used in the decision making process.



Standard Vehicle Inspection Categories

Brake System

Coupling Devices

Exhaust System

Fuel System

Lighting Devices

Windshield Glazing

Windshield Wipers

Safe Loading

Steering Mechanisms

Suspension

Frame

Tires

Wheels and Rims

Drive and Vehicle Documentation

Additional Fuelogix capabilities

- Fuel transaction and on-board diagnostic data management systems.
- RFID asset management.
 - Pipe/equipment tracking and management
 - Maintenance
 - Warehousing
 - Manufacturing
 - Field Operations
- Bulk fuel tank monitoring and regulatory reporting (Tank integrity/automated tank gauging).

