



RFID Solutions for Fleet Maintenance

Efficient fleet maintenance is absolutely necessary given today's high equipment costs and ever-climbing operating expenses. Whether you are involved in LTL, cartage, courier, direct store delivery (DSD) or field service operations, an integrated and cost effective fleet maintenance program is a prerequisite to increased profitability.

RFID technology can address many of the on-going concerns that Fleet Managers deal with on a day-to-day basis. For example, by placing RFID tags on critical assets that require regular maintenance, FSN can architect a solution that will give you accurate maintenance and usage history as well as reduce parts inventory and eliminate obsolete parts. Service data can be recorded directly onto RFID tags. That way, service history is readily available anywhere the fleet vehicle goes. In addition, once a vehicle is tagged it's movements can be recorded anywhere in an RFID enabled yard or depot. (See FSN Application Brochure RFID for Yard Management). RFID technology can enable gate access, authorize fueling, and automate weighing operations, while allowing all associated record-keeping to be automated.

RFID benefits include:

1. Fast and accurate check-in, fueling, and weighing;
2. Tire maintenance improvements;
3. Locating and monitoring of vehicles within the RFID equipped zone (knowing accurately and in real-time which vehicles are in the compound and which vehicles are on the road);
4. Automated record keeping of maintenance checks and repairs;
5. Accurate coordination of preventative maintenance whether based on mileage driven or motor runtimes or a combination of both;
6. On-line access to logs of previous maintenance work;
7. Automated inventory control and procurement of spare parts;
8. Improved equipment and labour pool utilization; Minimize errors

RFID Fleet Maintenance Solutions from FSN include mobile and fixed scanners, mobile computers and radio frequency identification (RFID) systems, along with integrated middleware and applications from our industry-leading partners, to help you streamline your maintenance operations. By capturing, moving and managing vehicle data across your enterprise, our solutions reduce truck maintenance costs and optimize fleet utilization.

RFID technology will help reduce vehicle downtime by ensuring fixes are made when necessary, and therefore greatly increase overall efficiency of the fleet and profitability of your business. For mobile visibility, onboard RFID readers on the assets can integrate an optional GPS-cellular (and/or satellite)



Truck and Trailer pass through the RFID entry/exit portal

communication modules to provide such visibility. FSN's integrated solution has been chosen for its security features along with its WiFi software interface which allows users to access real time data through their wireless device.

FALKEN Secure Networks(FSN)—Your partner for RFID automation

If you choose to pursue RFID implementation in your organization, here is the FALKEN Secure Networks commitment to you:

- FSN will provide solution architects to work with you to define system requirements for your particular installation. Multiple locations can be networked together for a central and real-time view and centralized management.
- FSN will do a RFID site survey to validate radio frequencies, tag types, system design and performance
- FSN will provide all necessary hardware and software to make the system work for you
- FSN will integrate the system with your existing enterprise management software
- FSN will provide documentation for the system, including operating procedures
- FSN will train your people
- FSN will provide warranty and continued system support

For RFID-enabled Document Tracking and Management, FALKEN Secure Networks (FSN) and partners bring together the right technologies to give you control over your files and make your office run more efficiently. Our automated and secure processes save time and labor, and prevent problems before they occur. With FSN ,you get the latest, non-proprietary secure RFID technology with the most powerful and flexible RFID file tracking software available.

Contact Us

FALKEN Secure Networks is a specialized System Integrator, RFID Solution Architect, and Value-Added Reseller with focused expertise in the RFID site survey, cost-effective design, and turn-key project implementation.

Contact FSN at sales@falkensecurenetworks.com



Motorola/Symbol

PartnerSelect

Authorized Value-Added Reseller



CERTIFIED Partner

Authorized Value-Added Reseller



Authorized Value-Added Reseller



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FILETRAIL

Authorized FileTrail Partner



CERTIFIED Partner

Authorized Value-Added Reseller