TransCore, the leader in transportation Radio Frequency Identification (RFID) systems, has delivered more than one million tags and more than 4,500 readers to automate fleet operations and asset management. These Automatic Equipment Identification (AEI) systems provide commercial fleets with hands-free access control into company service facilities.

TransCore’s broad product line of tags and readers with long-range and high-speed capabilities allows each new system to be custom tailored to meet exact requirements. Trucks, vans and other heavy equipment assets can be tracked, providing an accurate database to better manage all moving equipment and automate critical management systems. The result: reduced costs and improved efficiencies.

How It Works

Our AEI system is proven to automatically provide reliable, accurate data. The RFID system includes two components:

- Transportation tags – These are affixed to your tracked equipment and contain embedded identification data that is captured by RFID readers and sent to a host computer via your data network.

- Stationary and/or mobile readers – These are stationed at strategic locations, including doorways, gates, loading areas, and even in fuel lanes and maintenance facilities.

As tagged vehicles or equipment pass a reader, the system automatically captures encoded data from each tag without requiring a prompt from drivers or other workers.

The embedded data is then transmitted in real time to the host computer application. The resulting status information can then be retrieved from both central and remote data stations. This information can then be used to authorize vehicles for entry and exit, fueling, maintenance and other processes.

Automating critical equipment management functions with TransCore solutions ensures a quick return on investment by making both personnel and equipment more efficient and cost effective.
Operational Benefits

Drivers avoid time-consuming wait lines because the system eliminates manual tasks such as writing data into paper logs or keying information online. The system - which operates day and night, rain or shine - can reduce idle time, improve space utilization, and increase security in virtually all facility operations. And, of course, reducing idle time means faster access to the road and quicker service and delivery to customers.

The TransCore system provides real-time data on equipment utilization rates by monitoring historical fueling, maintenance and location data – reducing the risk of lost equipment. This automation frees managers to spend more time planning, supervising and directing operations.

TransCore has a nationwide network of authorized dealers specializing in designing, installing, and maintaining RFID-based productivity solutions.

Benefits

- Reduces idle time
- Improves data accuracy
- Enhances customer service
- Improves company performance
- Increases facility security

The Green Calculator

- Computes the impact of your facility on the environment
- Provides the positive impact of TransCore’s AVI solution

Visit our website: Transcore.com/carboncalculator

Environmental Benefits

TransCore’s Battery-Free Tags

- Require less petroleum-based raw material to manufacture
- Reduce transportation and shipping requirements
- Eliminate cost to produce, store and dispose of batteries

For more information:

Call 800.923.4824
transcore.com/RFID

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