



Rail Yard Management and Automation

Overview:

A web-based rail yard inventory system, Rail Manager® extends the use of Automatic Equipment Identification (AEI) systems to aid in the management of railcars in rail facilities and yards. Rail Manager® continuously identifies, in real time, the location of each railcar on a graphical map of the yard. With the optional Rail Logger® system and Rail Mobile® system, Rail Manager® is designed to maximize the utilization and availability of rolling stock by tracking locations, including arrivals and departures of railcars within rail yard.



Benefits:

- Manage railcars on site. Know how many cars are on site, and the car ID, location and status of each car.
- Keep track of inbound and outbound cars on a real-time basis.
- Identify available tracks/spots to store cars.
- Easily highlight outbound car locations for switch crew efficiency.
- Maintain searchable historical record of all car movements within the yard.
- Flexible solutions for notification of car arrivals.
- Ability to integrate AEI data into plant's systems to improve process (right product loaded to right railcar, right car offloaded to right silo).
- Tracks time in plant for each railcar to help minimize demurrage costs.
- Searchable database via user friendly interface to search history by date or by car.





## Key Features:

- Pictorial representation of cars, car types, and locations. Color coded to show status.
- User configurable yard and track layouts.
- Ability to import raw data file from spreadsheet into yard inventory.
- In conjunction with AEI reader and Rail Logger®, Rail Manager® accurately adds each car and time of arrival and departure to the database.
- Document railcar movements by drag and drop functionality to avoid manual entry of the equipment numbers, speeding work flow and eliminating transposition errors.
- Multiple railcars may be selected for each drag and drop movement.
- Detailed tracking of all car movements and statuses within the yard. Maintain locations of rail equipment within the plant facility as well as surrounding rail yards to the track and sequence level.
- Creates searchable record of inbound/outbound car movements. Data may come from Rail Logger®, Rail Mobile®, or external source (such as CLM records).
- Easy integration with existing ERP and other plant systems.
- Compatible with both fixed and portable AEI readers.
- Allows user to flag railcars in need of service to prevent order assignment, load, or shipment until equipment is fixed and removed from repair list.
- Can be customized for user specific needs: inspection, wash, load status, etc.
- Web-based system with SQL Server backend database for flexible access and robust performance.
- Allows user to flag cars needing special attention and sends automated email alerts when car arrives.
- Provides automated alerts when outbounds do not match switch list.

