



Your Automated Equipment Identification (AEI) Systems Solutions Provider

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.
- Allow 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.
- Allow 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.



Type	Empty	Load	Need Service	Partial	Grand Total
Box	1	4	2	2	9
Coil	2	4	1	1	8
Container	4	5	1	2	12
Hopper	7	51	11	8	77
Tank	40	11	7	10	68
Grand Total	54	75	22	23	174

Car number	In date	Out date	Time in Yard (hours)	Status
TST 000001	06/03/2008 18:16		7d 21hr(s)	Empty
TST 000002	06/03/2008 18:16		7d 21hr(s)	Load
TST 000003	06/03/2008 18:16		7d 21hr(s)	Need Service
TST 000004	06/03/2008 18:16		7d 21hr(s)	Partial
TST 000005	06/03/2008 18:16		7d 21hr(s)	Empty
CSX 021890	04/04/2008 09:47		6d 6hr(s)	Need Service
AMCX031067	04/02/2008 11:00	05/22/2008 23:00	50d 12hr(s)	Need Service
AMCX104014	04/02/2008 11:00	05/22/2008 23:00	50d 12hr(s)	Need Service
A 000001	03/31/2008 09:59	04/04/2008 23:00	4d 14hr(s)	Empty
HCIAD55554	04/04/2008 09:53	05/22/2008 23:00	48d 14hr(s)	Need Service
ABCH000023	04/02/2008 11:00	04/04/2008 23:00	2d 12hr(s)	Need Service

Yard	Track	Capacity	Spotted	Remaining	Empty	Load	Need Service	Partial
YARD1	TRACKA	50	25	25	6	11	4	4
YARD1	TRACKB	50	24	26	7	9	4	4
YARD1	TRACKC	50	26	24	6	11	4	5
YARD1	TRACKD	50	22	28	8	11	2	1
YARD1	TRACKE	50	24	26	9	11	2	2
YARD1	TRACKF	50	26	24	10	9	2	5
YARD1	TRACKG	50	21	29	6	12	2	1
YARD2	TRACK1	50	5	45	2	1	1	1
YARD2	TRACK2	50	0	50	0	0	0	0
YARD2	TRACK3	50	0	50	0	0	0	0
YARD2	TRACK4	50	0	50	0	0	0	0
YARD2	TRACK5	50	0	50	0	0	0	0
YARD2	TRACK6	50	0	50	0	0	0	0
YARD2	TRACK7	50	1	49	0	0	1	0