



Your Automated Equipment Identification (AEI) Systems Solutions Provider

What EI Systems (EIS) Offers:

- State-of-the-art solutions
- Ten years of experience in industrial rail applications
- Extensive knowledge of software, hardware, RFID, wireless
- Proven experience with AEI reader hardware, system integration, design and implementation
- Effective design and implementation of high-reliability low-maintenance applications
- Advanced capability for system integration to make effective use of AEI technology
- Most importantly, we have industry application experience, understand customers' operations and needs, and can provide cost-effective solutions



AEI Experiences:

- 1997-2006: Custom RFID/AEI applications with focus on integration with ERP, PLC, DCS, and existing production systems.
- 2006-2008: Commercial applications (Rail Manager®, Rail Logger®, Rail Mobile®, Rail Scale™)
- PetroChemical
 - Amoco
 - INEOS Chocolate Bayou plant
 - BP Decatur plant
 - Eastman Chemical
 - INEOS Battleground plant
 - BP Cooper River plant
- Transportation
 - Port of Tacoma
 - Frontier Logistics
 - Southeastern Pennsylvania Transportation Authority (SEPTA)
 - Texas City Terminal Railroad
 - Kinder Morgan
- Fertilizer
 - Lange Stegmann
- Minerals/Chemicals
 - PCS Potash
 - Unimin
 - EKA (Akzo Nobel, six locations)
 - DAK Americas (three locations)
- Utilities
 - Mirant Corporation
- Agriculture
 - Archer Daniels Midland (ADM)



AEI Hardware Partners:

We partner with all AEI hardware manufacturers, including:

- Comet Industries
- Transcore
- SAIC
- STC
- SAI

EIS is Uniquely Qualified to be Your AEI Systems Solutions Provider

- Professional staff includes Electrical Engineers, Mechanical Engineers, and several developers with masters degree in Computer Engineering. Staff also includes developers with SAP expertise.
- EIS has developed unique knowledge in rail mobile technologies and is the leading AEI software developer for handheld platforms in the industry.
- Our rail tracking solutions are a product of over ten years of hands-on experience working with rail crews and logistics management
- Most businesses in the AEI field are either hardware suppliers or software vendors. EIS's specialty is providing an integrated hardware and software solution. This allows us to provide you a better initial installation and more effective long-term support.
- An AEI project is not just a project to install readers and yard software. Success depends on the ability to effectively design and integrate into the client's business process. EIS has ten years of outstanding success providing this service.

EIS Suite of AEI Products:

- RAIL MANAGER®: 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. A host system continuously identifies, in real time, the location of each railcar on a graphical map of the yard. Reporting functions for yard management are included.
- RAIL LOGGER®: Integration package used by industrial rail operators to quickly and easily link AEI data into their core business process. Translates raw data from AEI readers into useable information. Generates detailed reports of car arrivals and departures with real time timestamps. Provides periodic system health status report to minimize maintenance and maximize on-line operation.
- RAIL MOBILE®: Designed to operate on a variety of AEI handheld computers and utilizing Windows Mobile Operating System and built-in SQLCE database, Rail Mobile® provides tracking, monitoring, maintenance, inspection, and inventory of rail cars and rail equipment. Rail Mobile's primary function is single and double Track Walk for recording car inventory, status, and location. Rail Mobile® offers a variety of communication options.
- RAIL SCALE™: A software system for use in managing information related to the weighing of rail equipment. The system utilizes an AEI reader to automatically capture car number, and links to client's scale controller to capture scale weight. The system interfaces to UMLER or locally-available database to obtain tare weight, and max gross weight for weight validation and overload alerts.

EIS Data Management Service:

- AEI DATA HOSTING SERVICE: Data collected from AEI handheld readers via Rail Mobile® and/or AEI fixed readers via Rail Logger® can be sent to EIS AEI host computers for conversion to various user-specific formats. This enables AEI data to be converted to meet the specific format requirements of multiple external users. It allows direct and real-time communication of AEI data to internal operating systems, to internal management systems such as SAP and to external systems such as rail carriers or third-party Track and Trace providers. It also allows conversion of data into standard spreadsheet format which can be sent to users as attachments via email. Service includes maintenance, support, and priority upgrades of software products as they become available.
- YARD MANAGEMENT HOSTING SERVICE: Integration of data collected from Rail Mobile® and/or Rail Logger® with Rail Manager® to provide secure and fully automated web-based rail yard management system.