AEI SYSTEM INSTALLATION

ATBD's mission is to further the implementation and exploitation of Automatic Equipment Identification (AEI) technology to the benefit of our railroad and rail customers by providing complete AEI solutions and exceeding automated data reporting requirements while improving efficiencies

We take the time to understand your requirements, budget, and goals then provide a complete solution from installation to integration. When we are finished, you have a system you can use, monitor, expand, and support with all the necessary tools and training.

To start, it is important to understand the expectation of the customers and provide education as to how a system would benefit their company and how it would integrate into their daily operation.

We will take time to identify and evaluate the customer requirements and select the appropriate equipment or solution to meet our customer needs.

FOR THE DEVELOPMENT AND EXPLOITATION OF AEI, THE "I"S HAVE IT:

INFORMATION
- Introduction to history of AEI development and standards.
- Similarities and differences of manufacturer's software and hardware.
- Lease purchase financing on total project not just equipment.
- Equipment, software, hardware, and vendor selection.

IMPLEMENTATION
- Site to host functions, communication protocol, and connecting road sharing.
- AEI database structure and access programs.
- AEI tag programming.
- Hand-held AEI tag readers for tag health and rail inventory.

INSTALLATION
- Site location, do's and don'ts equipment placement for optimum performance.
- Front end processing of AEI data and *off the shelf* solutions.
- Power and communication requirements and performance.
- PC to AEI site system configuration and software.
- Site selection documentation and survey.
- Development of short and long term AEI implementation strategies.

INTEGRATION
- Proven and recommended AEI site installation practices and configurations.
- AEI site programmed/preventative maintenance procedures.
- Maintainer training and basic troubleshooting.
- Project management and scheduling.
- Turnkey system installation.