Accurate, Real-time Data for Better Utilization and Efficiency

TransCore’s Automatic Equipment Identification (AEI) solutions use Radio Frequency Identification (RFID) technology to increase equipment utilization, and reduce re-handles, dwell times, and overhead.

Mass transit rail agencies use TransCore systems for automatic train positioning, condition-based monitoring, and fault detection. Reliable, accurate data reduces operating costs and improves passenger safety.

Applications:

**Automatic Equipment Identification**
- Railcar and equipment tracking
- Yard management/equipment inventory control
- Gate access control
- Fuel terminal authorization

**Automatic Equipment Monitoring**
- Locomotive, generator, or refrigerator fuel level assessment
- Cushioning device monitoring
- Moisture and lead detection
- Temperature monitoring

**Automatic Train Positioning**
- Identifies train location
- Monitors train speed
- Controls arrival and departure information
- Controls onboard announcements

Benefits:
- Improves asset tracking, management, and utilization
- Reduces operating costs
- Facilitates real-time reporting
- Eliminates costly human errors
- Improves safety
- Enhances reliability
TransCore is the only company to meet AEI industry standards worldwide.

**AFRICA**
- Botswana Railways - Mahalapye - Botswana
- Mauritania Railway - Zouerate - Mauritania
- Transnet Freight Rail - Johannesburg - South Africa

**ASIA**
- Urban Metro - Beijing, Chengdu - China
- Urban Metro - Hangzhou, Shanghai - China
- Urban Metro - Shenyang, Tianjeng - China
- Urban Metro - Tianjin, Xi’an - China
- Ministry of Transport - Nationwide - China
- KCRC - Hong Kong
- MTR Corporation - Hong Kong
- Penny’s Bay - Hong Kong
- Ministry of Railways - Bhubaneswar, Delhi - India
- Ministry of Railways - Gandhinagar, Mumbai - India
- Ministry of Railways - Visakhapatnam - India
- Shikoku Railway Company - Tokyo, Hiroshima, Nagasaki - Japan
- Teito Rapid Transit Authority - Tokyo, Hiroshima, Nagasaki - Japan
- Singapore Mass Rapid Transit (North, South, East, West Lines) - Singapore
- Korail - Seoul, Busan - South Korea
- Sin Bundang Line - Seoul, Incheon, Busan - South Korea
- Taipei Metro - Taipei - Taiwan
- Turkish State Railways - Konya High Speed Line - Ankara - Turkey
- Urban Metro – Kuala Lumpur – Malaysia

**AUSTRALIA**
- Pacific National Rail - Sydney, Melbourne - Australia
- Pacific National Rail - Adelaide, Brisbane, Perth - Australia
- Queensland Railway - Brisbane - Australia
- BHP Billiton - Port Hedland - Australia
- Rail Corp - Sydney - Australia

**EUROPE**
- KLD - Vienna - Austria
- Krems Chemie - Vienna - Austria
- Vienna Transport - Vienna - Austria
- Brussels Metro - Brussels - Belgium
- Compagnie Nouvelle de Conteneurs - Paris - France
- Norsider - Paris - France
- SCAC Delmas Vieljeux - Paris - France
- Sollac - Paris - France
- Hamburg Metro - Hamburg - Germany
- Kombiverkehr - Munich, Hamburg - Germany
- Ferrovie dello Stato - Naples, Milan - Italy
- Koltech - Naples, Milan - Italy
- Polskie Koleje Panstwowe - Warsaw - Poland
- OMV - Bucharest - Romania
- Barcelona Metro - Barcelona - Spain
- Madrid Metro - Barcelona - Spain
- Red Nacional de los Ferrocarriles Espanoles - Madrid, Barcelona - Spain
- Semat - Madrid, Barcelona - Spain

**EUROPE, Cont’d**
- Malmbanan Ore Line - Stockholm - Sweden
- Schweizerische Bundesbahnen - Zurich - Switzerland
- Turkish State Railways - Konya High Speed Line - Ankara - Turkey
- Combined Transport Limited - London, Chippenham - U.K.
- Eurotunnel - London, Chippenham, U.K.

**NORTH AMERICA**
- Canadian National Railroad - Montreal - Canada
- Canadian Pacific Railway Company - Calgary, Vancouver, Canada
- Toronto Transit - Toronto - Canada
- Ferromex - Monterrey, Mexico City - Mexico
- Kansas City Southern de Mexico - Monterrey, Mexico City, Mexico
- Burlington Northern Santa Fe Railroad - Dallas-Fort Worth, TX - U.S.
- Chicago Transit Authority - Chicago, IL - U.S.
- CSX Transportation - Jacksonville, FL - U.S.
- Dallas-Fort Worth Airport - Dallas-Fort Worth, TX - U.S.
- Dulles Airport Project - Washington, D.C. - U.S.
- Jacksonville Transit Authority - Jacksonville, FL - U.S.
- JFK Airport - New York City, NY - U.S.
- Kansas City Southern Railway Company - Kansas City, MO - U.S.
- Las Vegas Monorail - Las Vegas, NV - U.S.
- Massachusetts Bay Transportation Authority - Boston, MA - U.S.
- Metropolitan Atlanta Rapid Transit Authority - Atlanta, GA - U.S.
- Newark Airport Authority System - Newark, NJ - U.S.
- New Jersey Transit - Newark, NJ - U.S.
- New York City Transit Authority - New York City, NY - U.S.
- Norfolk Southern Railway - Atlanta, GA - U.S.
- San Francisco Bay Area Rapid Transit - San Francisco, CA - U.S.
- Seattle Tacoma Airport - Seattle, WA - U.S.
- Sound Transit - Seattle, WA - U.S.
- Southeastern Pennsylvania Transit Authority - Philadelphia, PA - U.S.
- Union Pacific Railroad - Omaha, NE - U.S.
- Washington Metropolitan Area Transit Authority - Washington, DC - U.S.

**SOUTH AMERICA**
- Vale - Espirito Santo, Maranhao, Belo Horizonte - Brasil
- Sao Paulo Metro - Sao Paulo - Brasil
- CPTM - Sao Paulo - Brasil
- Prodelco - Santiago, Concepcionon - Chile

For more information:
Call 800.923.4824
transcore.com/rfid