

Rail Freight and Mass Transit

World of Experience



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
Trusted Transportation Solutions

TransCore is the only company to meet AEI industry standards worldwide.

AAR · ISO · CEN · ANSI · ATA

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, Tiancheg - 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, Bussan - South Korea
Sin Bundang Line - Seoul, Incheon, Bussan - South Korea
Taipei Metro - Taipei - Taiwan - ROC
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 Biliton - 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

Malmaban 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.
London Underground - 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 Paula - Brasil
CPTM - Sao Paulo - Brasil
Prodelco - Santiago, Concepcion - Chile

For more information:

Call 800.923.4824

[transcore.com/rfid](https://www.transcore.com/rfid)