

Astronics Test Systems, Diagnosys, and Freedom: Your Mass Transit Test Solution Specialists

Diagnosys and Freedom Communication Technologies are now part of Astronics Test Systems. We've joined forces and consolidated our solutions to bring you decades of test expertise and leading-edge solutions to the forefront of your maintenance needs. Our proven solutions are helping maintain a state of good repair for customers including:

- New York Metropolitan Transportation Authority
- Kawasaki Rail Cars
- Massachusetts Bay Transportation Authority
- MTA Maryland
- Dallas Area Rapid Transit
- Bombardier Transportation
- Toshiba
- CSX Transportation
- Norfolk Southern
- Amtrak
- Washington Metropolitan Transit Authority
- BNSF Railway

Certifications

These certifications represent our commitment to quality, safety, environmental standards, and efficiency.



Astronics Corporation (NASDAQ: ATRO) serves the world's aerospace, defense, and other mission critical industries with proven, innovative technology solutions. We work side-by-side with customers, integrating our array of power, connectivity, lighting, structure, interior, and test technologies to solve complex challenges. For 50 years, we've delivered creative, customer-focused solutions with exceptional responsiveness. Today global airframe manufacturers, airlines, military branches, completion centers, and Fortune 500 companies rely on the collaborative spirit and innovation of Astronics.



Astronics Test Systems
12889 Ingenuity Dr.
Orlando, FL 32826
+1.407.381.6062

5 Lan Dr.
Westford, MA 01886
+1.978.392.0406

atssales@astronics.com

astronics.com



CONFIDENTLY
consolidated

Mass Transit
Test Solutions

TEST SOLUTIONS

MASS TRANSIT TEST SOLUTIONS

Maintaining a State of Good Repair for Onboard and Wayside Assets.

With challenging targets and severe penalties for failure, the efficient and reliable maintenance of electronic circuits over their long working life is critical to the operation of mass transit systems.

Many of the world’s largest transit organizations, including over 80% of those in the USA, rely on Astronics for the test, repair and support of their electronic circuits in trains and track-side equipment.

Our in-depth understanding of the demanding requirements of these maintenance and repair workshops allows us to provide solutions that perfectly meet the challenge.

With a proven test and fault identification capability for modules, including door controllers and braking systems, we provide the complete capability for you to become self-sufficient. We can provide services covering repair, refurbishment and re-manufacture, enabling you to keep your electronic circuits working.

Universal, Consolidated Test Solutions

Test all of your critical electronics systems with our comprehensive solutions, consolidating the work of many testers into one.

Consolidated Automated Bench Test Equipment (CABTE)

S500



ATS-3100 PXI
INTEGRATION
PLATFORM



Diagnosys

Portable Test Equipment (PTE)

CTS-6000 RADIO
TEST SOLUTION



Astronics
TEST SYSTEMS

FREEDOM R8100 LMR
TEST SOLUTION



FREEDOM

Benefits of Mass Transit Solutions

- » Shorter repair times
- » Inventory reductions and cost savings
- » Accepted by major rail suppliers
- » Enhanced safety
- » Specification compliant contracts
- » Extended operational life
- » Complete turnkey solutions
- » Obsolescence solutions
- » Proven track-record with major Transport Authorities

Key Areas of Expertise

- » Door Controller
- » Propulsion Systems
- » Brake Systems
- » Signs-CIIS, SIIS
- » Doppler Radar Speed Detector
- » Event Recorder
- » Communication Systems
- » HVAC (Heating, Ventilation, Air Conditioning)
- » P/BRK Assemblies
- » Train Operator Display
- » ATO/ATC
- » High Speed Circuit Breaker
- » Auxiliary Power Supplies
- » Inverters
- » ERVC (Electronic Relay Valve Control)
- » Logic Cradle
- » TCU (Temperature Control Unit)
- » Master Control
- » Supervisor & CCU

IEEE-compliant software documentation

Project software documentation to IEEE (Institute of Electrical and Electronics Engineers) standards:

- » User manuals for system operators
- » Maintenance manual for technicians
- » Complete set of IEEE specifications documents