



Service and Repair

NOBODY KNOWS YOUR EQUIPMENT BETTER THAN ALSTOM

UTILIZING ONLY OEM PARTS AND LABOR

- > You can trust Alstom to provide the highest level of expertise in repairing or remanufacturing your equipment.
- > With Alstom's Service and Repair solutions, you get the most knowledgeable people in the business working for you. Alstom Service and Repair is done with speed, economy and without risk – using the same quality standards and parts demanded of our new units.
- > Our factory-trained service and repair professionals average 22 years of experience with rail and transit equipment.
- > We know what it takes to make sure your equipment is fulfilling the needs your operations require.

Risk - Free Service
by the best in the
business.

The Alstom advantage:
All work guaranteed
as NEW!

Always giving you
more than you expect.

In This Section:

- Services
- Equipment
- Details

> Always Giving You More Than You Expect

SERVICES

- Repair
- Remanufacture
- Retro-fit
- Validation
- Calibration
- Engineering Support
- Technical Consultation

EQUIPMENT

- Switch Machines
- Relays
- Signals
- Impedance Bonds
- Printed Circuit Boards
- Code Systems
- Track Circuits
- Switch Circuit Controllers
- Switch Locks
- CTC Systems
- Cab Signaling
- Highway Crossing Signals
- Test Equipment

A used switch machine arrives at our facility and leaves completely remanufactured to OEM specifications and guaranteed as new.



Protect your investment by utilizing only OEM parts and labor for your signalling equipment.



> Support for Your Equipment By the Industry Experts

> Service at Our State-of-the-Art Facility

We have a state-of-the-art service and repair center right inside our manufacturing/engineering facility. This interweaves our Service & Repair Department directly with all our resources. And those with a wide breadth of knowledge – from product designers to machinists - all work together under one roof.

> OEM at Your Location

Keep OEM quality in the field, yet reduce your overall signal and communications maintenance costs. With our field service program, you can add our highly skilled technicians to your field maintenance operations – without adding a cent to your direct payroll. These experts have the drawings, tools, test equipment, and specifications necessary to restore your equipment to its original condition.

> Training

Alstom experts are available to train your personnel at your location. We'll custom design a training program to suit your specific requirements.

> Fast Turnaround

Your equipment is generally turned around, ready for field use, in 45 days or less.

> All Work Guaranteed as New; Trustworthy, Risk-Free Service

At Alstom, we're so confident that we can return your equipment to the best shape possible, we offer a one-year as-new warranty on all repaired or remanufactured equipment. **Guaranteed!**

> Great Rates, No Hidden Costs

Our price includes all parts and labor so you can accurately weigh the cost of repair versus replacement.

> We Purchase and Sell Used Equipment

We buy back used signal equipment – especially switch machines and relays. Send us a machine with all the parts intact, and we'll apply credit toward your purchase of a remanufactured switch machine.

Money saving OEM quality products, including Type B relays, switch machines and Type SA-1 mechanisms, are available at nearly half the cost of new equipment. Quantity discounts are also available.



> Always Giving You More Than You Expect

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At Alstom, our well known engineering excellence is available to you with the technical consultation, engineering support and troubleshooting services we offer to all of our customers.

Alstom Signaling is a leading manufacturer and supplier of quality signaling products and systems. We have drawn on the experience and expertise gained from over 100 years in the business to ensure that our customers in the freight, transit, and commuter markets will receive the best value for their purchases.

Alstom Signaling has consistently set the industry standard for safety, value and quality in **key product lines such as Switch Machines, Relays, Interlocking Products, Signals, Track Circuits and Carborne Equipment. Now offering PTC Solutions to help customers smoothly meet their PTC requirements.**

Our unwavering commitment to consistently exceed customers' expectations has helped establish Alstom as a world leader in our market.

www.alstomsignalingsolutions.com