



Canada is recognized internationally for its excellent training capacity. Canadian companies specialize in fields such as flight simulation and air-traffic control, diagnostics and pilot training. Canada provides other training and consulting services in air navigation, aviation meteorology, aerial firefighting, airport planning, design, operations, maintenance and management. Canada is also a world leader in airport security products.

Canadian defence firms have developed subsystems and components for specialized markets in which they are world leaders. Canada is particularly competitive in light armoured vehicles, marine systems and platforms, informatics, aircraft upgrade programs, precision optics, robotic systems, explosive and narcotics detectors, shipboard systems acoustics, communications systems, helicopter haul-down systems and avionics.

Many Canadian defence firms have diversified their production so that they have commercial as well as military applications, increasing their export potential and their ability to survive declining global defence budgets.

SERVICES

Canadian-manufactured and Canadian-designed transit and aeronautics systems are highly regarded by transportation experts around the world. So are Canadian transportation consultants. These consultants — who have developed superior skills in overcoming transportation problems in Canada's vast and difficult terrain — provide insight and assistance to clients around the globe.

**CANADIANS HAVE
REMAINED AT THE
FOREFRONT OF
DEVELOPMENTS IN
TRANSPORTATION
THROUGHOUT THE
20TH CENTURY.**

Areas of Canadian consulting expertise include:

- AERONAUTICAL ENGINEERING AND SPACE TECHNOLOGY
- SEA PORT AND AIRPORT DEVELOPMENT, MAINTENANCE AND MANAGEMENT
- TRANSPORTATION SYSTEMS AND ELECTRICAL ENGINEERING
- TRANSPORTATION PLANNING
- TRANSIT MANAGEMENT
- POLICY DEVELOPMENT
- FISCAL PLANNING
- RAPID TRANSIT DESIGN
- COMMUTER RAIL SYSTEMS
- URBAN BUS SYSTEMS
- SYSTEMS FOR THE ELDERLY AND DISABLED
- DESIGN AND OPERATION OF MULTI-MODAL TERMINALS
- PRICING AND INFORMATION SYSTEMS
- OPERATING AND MAINTENANCE STRATEGIES
- DESIGN AND CONSTRUCTION OF RAIL PLANTS
- ENVIRONMENTAL ASSESSMENT STUDIES
- COMMUNICATIONS AND DATA COLLECTION
- HEATING AND AIR CONDITIONING
- INTERMODAL SYSTEMS
- LOGISTICS

Canadian consultants are at the forefront of the international market for services such as the development and application of management information systems, intermodal operations, supervision of rail construction and locomotive rehabilitation programs.

Canadian-made equipment is installed at airports around the world. Canadian firms have proven expertise in air-traffic control, airport management systems, meteorology, and in the architecture, engineering and construction of airports in many countries. Canada's capabilities for marine-port development range from sophisticated modern container terminals for general cargo to specialized single-purpose installations for the handling of bulk commodities and vessel-traffic management systems.

