

# Saskatchewan

## Advanced Manufacturing



Saskatchewan companies design and produce advanced manufacturing solutions and leading-edge technology for traditional and emerging economic sectors.

### Our Competitive Edge

- Saskatchewan companies design and produce world class advanced manufacturing solutions
- Exports account for the majority of electronic and digital product sales
- The sector is a key employer of graduates from our universities and technical schools
- Provides high-tech equipment to boost productivity in our traditional economic sectors as well as leading-edge technology for emerging sectors like aerospace, defence and nanostructure fabrication

### Innovation and Opportunity

#### Monitoring Tools

- Environmental monitoring systems
- Collision avoidance systems for mining equipment
- Monitoring and auto-steering systems for the agriculture industry
- Process control and integration systems

- Power and remote monitoring for the resource and communications industries
- Toxic gas monitoring systems for industrial and military applications
- Fire suppression equipment for military vehicles
- Satellite control and monitoring for Radarsat
- Portable military and civilian surveillance systems

#### Instrumentation

- Satellite instrumentation controls
- Ionosondes for upper atmosphere research and monitoring
- Geographic Information Systems (GIS)
- Multi-gas and chemical agent analyzers and detectors
- Circuit boards
- Balloon launch and flight instrumentation
- Examples include building components and systems for the space shuttle program's Canadarm, and designed, implemented and installed Canadian Space Agency's Radarsat satellite communication system

## Communications Equipment

- Satellite test equipment and terrestrial communications gateways
- Telephony test gear, Internet head-end equipment for cable systems
- Routers and bridges for office networks
- Wireless communications products, Data over Cable, Digital Video and CATV
- Digital Voice Transmission System
- Electrical and communications cable for power distribution and telecommunications
- Communication systems for the Canadian Patrol Frigate program

## Control Systems

- Supervisory Control and Data Acquisition (SCADA) systems
- Electronic load cells, weigh-in-motion and toll-road equipment
- Satellite Tracking, Telemetry and Command (TTC) systems
- Vessel event controls

## Emerging areas

- Cloud disaster recovery and data storage facilities
- UAVs manufacturing including control systems and monitoring
- App design for smart phones
- 3D printing and additive manufacturing
- Nanotechnology and isotope manufacturing

## The Investment Climate

- Pioneering achievements and world-class abilities in information technologies, telecommunications and advanced technologies
- Superior technological and telecommunications infrastructure
- Programs are available to encourage the development and commercialization of new technologies
- Provincial investment in education and training
- Strong supplier base – sophisticated local market for advanced technology equipment
- Technology incubator Co.labs will help new business ideas reach commercialization stage
- Central North American location and excellent transportation links

## The Bottom Line

- The corporate income tax rate for manufacturers in Saskatchewan can be as low as 10% through our manufacturing and processing profits tax reduction.
- A 6% investment tax credit for equipment purchased for manufacturing and processing operations in the province.
- 10% refundable provincial income tax credit for scientific research and development expenditures. For Saskatchewan Canadian-controlled private corporations, the credit is refundable on the first \$1 million of qualifying annual expenditures. In all other cases, it is non-refundable.
- The Saskatchewan Commercial Innovation Incentive offers eligible corporations a reduction of the provincial corporate income tax rate to 6% for a period of 10 years or 15 years depending on where the R&D takes place.
- Saskatchewan Technology Start Up Incentive offers a 45% non-refundable tax credit for individual and corporate equity investments in eligible technology start-up businesses, capped at a maximum annual benefit of \$140,000 per investor.

## For more information, contact:

### Mr. Scott Summach

Deputy Director Investment, Manufacturing  
Saskatchewan Ministry of Trade and Export  
Development  
219 Robin Crescent  
Saskatoon, SK S7L 6M8  
Phone: (306) 221-6184  
Email: [scott.summach@gov.sk.ca](mailto:scott.summach@gov.sk.ca)