

ELECTRONICS AND INSTRUMENTATION

Our Competitive Edge

- Saskatchewan companies design and produce advanced manufacturing solutions
- Exports account for the majority of electronics sales
- A key employer of grads from our universities and technical schools
- Provides hi-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 telecom industry
- Toxic gas monitoring systems for industrial and military applications
- Fire detection equipment for military vehicles
- Satellite control and monitoring for Radarsat and Sci-Sat satellites
- Man portable military 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
- We built 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 systems (SCADA)
- Electronic load cells, weigh-in-motion, and toll-road equipment
- Satellite Tracking, Telemetry and Command (TTC) systems
- Vessel event controls

The Investment Climate

Our reputation, expertise and innovation all add up to strong, sustainable growth – and you can be a part of it! Join us as we build on our strengths:

- Developing specialized monitors and niche products
- Engineering innovative solutions
- Creating new products and services
- Cutting edge technology at the Canadian Light Source Synchrotron including research and fabrication opportunities with the Synchrotron's microelectromechanical (MEMS) beamline
- 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 to ensure that businesses get the skilled people they need
- Strong supplier base – sophisticated local market for advanced technology equipment
- 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
- The Corporate Capital Tax for businesses has been eliminated
- The 5% Investment Tax Credit for equipment purchased for manufacturing and processing is now a refundable tax credit
- 100% of eligible R&D expenses can be used against net income for the purpose of calculating federal tax credits
- 15% refundable provincial income tax credit for scientific research and development expenditures

Want to know more? Contact:

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Visit the Enterprise Saskatchewan website at www.enterprisesaskatchewan.ca to learn more about our key economic sectors and detailed information on manufacturing capabilities in Saskatchewan.

Disclaimer: The information in this document is accurate as of July 2011; however, the Government of Saskatchewan accepts no liability for any actions taken as a result of the information contained herein.