

# Alberta's ICT sector & IT sub-sector

Information and Communications Technology (ICT) / Information Technology (IT)



Alberta's ICT sector, with origins in oil and gas-related applications, consists of world-class companies with expertise in diverse business areas including bioinformatics, digital content, e-learning, global positioning systems, e-health, nanotechnology, software development, systems integration, telecommunications and wireless communications. Forty per cent of Canada's geomatics industry is located in Alberta, supported by the province's strong resource-based economy.

Across Canada's ITC sectors, Alberta posted the strongest growth at 6.9 per cent between 2002 and 2008. In 2008, the Alberta ICT sector generated \$10.2 billion in revenues. There were more than 4,300 firms employing close to 55,000 workers in the province.

Alberta has three major universities offering expertise and excellence in ICT research including computer science, geomatics, nanotechnology and wireless and telecommunications. There are numerous educational institutions in Alberta offering programs relevant and responsive to ICT industry needs and requirements.

## IT sub-sectors

Information technologies



Software development, IT services, market solutions (e-health, biotechnology), system integration, training

Electronics



Hardware design, manufacturing, service, resale

Wireless and telecom



Carrier/enterprise network equipment, network operators, contract manufacturing, software and design services, satellite and location-based services, remote instrumentation, wholesale and retail services, devices

Geomatics



Remote sensing and imaging, surveying, mapping, asset tracking, hardware

Digital media



Streaming content, interactive, creative talent, education, connectivity and networking, industry support

## Useful websites:

Alberta's Industry Sectors: [www.AlbertaCanada.com/industries](http://www.AlbertaCanada.com/industries)

Infoport: [www.infoport.ca](http://www.infoport.ca)

Alberta Advanced Education and Technology:  
[www.advancededandtech.alberta.ca](http://www.advancededandtech.alberta.ca)

### Government job sites:

Jobs in Alberta: [www.AlbertaCanada.com/jobs](http://www.AlbertaCanada.com/jobs)

Alberta Learning Information Service: [www.alis.alberta.ca](http://www.alis.alberta.ca)

Industry Canada: [www.ic.gc.ca/eic/site/ict-tic.nsf/eng/h\\_it07182.html](http://www.ic.gc.ca/eic/site/ict-tic.nsf/eng/h_it07182.html)

Job Bank: [www.jobbank.gc.ca](http://www.jobbank.gc.ca)

### Associations:

Information and Communications Technology Council:

[www.ictc-ctic.ca](http://www.ictc-ctic.ca)

Canadian Information Processing Society of Alberta:

[www.cips.ca/alberta](http://www.cips.ca/alberta)

Alberta Science and Research Authority: [www.asra.gov.ab.ca](http://www.asra.gov.ab.ca)

Canadian Association of Internet Providers:

[www.cata.ca/communities/caip](http://www.cata.ca/communities/caip)

Information Technology Association of Canada: [www.itac.ca](http://www.itac.ca)

[www.AlbertaCanada.com/immigration](http://www.AlbertaCanada.com/immigration)

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