

ATIC

Alberta Terrestrial Imaging Center



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ATIC is focused on becoming known for its remote sensing expertise in addition to being a distributor of SPOT satellite imagery to Canadian academic markets. Our dedicated team of remote sensing experts brings extensive experience to applied research projects by advising clients on SPOT data selection to best fit their needs. From data acquisition to finished information products, we have the expertise to transform remote sensing tools into imaging solutions.

WHY SPOT IMAGERY

The medium to high-spatial resolution images acquired by the SPOT series of Earth observation satellites are an unparalleled source of information for studying, monitoring, forecasting and managing natural resources and human activities on Earth. Here is why:

AN IDEAL MIX OF SPECTRAL AND SPATIAL CHARACTERISTICS FOR MOST RESEARCH APPLICATIONS

- Optical remote sensing - visible, near infrared and shortwave bands
- 3,600 sq km scenes (60km x 60km) – with comprehensive imagery archives covering Canada since 1986
- North American SPOT ground receiving station located at the University of Lethbridge enables enhanced research opportunities
- User-driven tasking of SPOT satellites can cover specific areas of interest and timeframes with fast data deliveries
- Research applications include: natural resources, forestry, agriculture, land use, telecom, GIS, defense/security and many others

ACTIVE SPOT SATELLITES	RESOLUTION	IMAGE TYPE
SPOT 5 (launched in May 2002)	2.5 m	Panchromatic (B&W)
	5 m	Panchromatic (B&W)
	10 m	Multi-spectral (Colour)
SPOT 2 AND 4 (launched in 1990 and 1998 respectively)	10 m	Panchromatic (B&W)
	20 m	Multi-spectral (Colour)

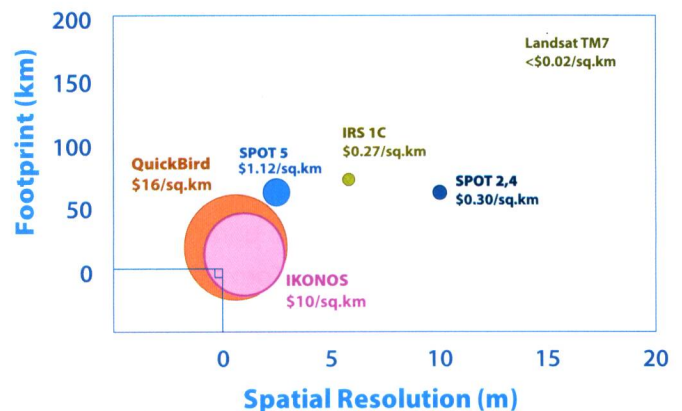
GLOBAL COVERAGE

- 12 million scenes in global archives – includes extensive archives covering Canada since 1986
- 500,000 new scenes added annually – new collections are posted daily
- Global revisit capability within 2 days to enable temporal studies
- Several SPOT ground stations around the world – including one at the University of Lethbridge

COST EFFECTIVE

- SPOT imagery has a highly attractive price/performance ratio
- Academic prices are automatically discounted from commercial prices

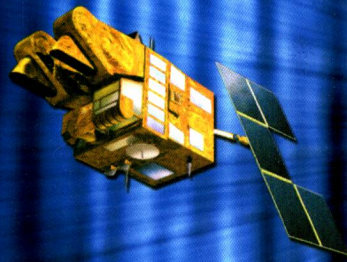
SATELLITE	RESOLUTION (m)	FOOTPRINT (km)	PRICE (\$/sq.km)
QuickBird	0.6	16.5	16.00
IKONOS	1	11	10.00
SPOT 5	2.5	60	1.12*
IRS 1C	5.8	70	0.27
SPOT 2, 4	10	60	0.30*
Landsat 7	15	185	<0.02



The size of the circle indicates the price for panchromatic images.
*SPOT prices are for Canadian academic markets.

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HOW TO ORDER SPOT DATA

ATIC provides SPOT imagery to academic clients under licensing and subscription agreements. To request a quote please visit our website www.ImagingCenter.ca which allows prospective users to search for archived scenes of interest and provides samples of full resolution images. Our Technical Services can be contacted at info@ImagingCenter.ca or (403) 317-9188 ext 22. Please note that commercial clients should contact our affiliate, lunctus at www.TerraEngine.com.

WHO WE ARE

ATIC (Alberta Terrestrial Imaging Centre Corp.) was launched in 2005 and is owned by the University of Lethbridge and lunctus Geomatics*. lunctus has licensed ATIC to be the exclusive supplier of SPOT satellite imagery to academic markets in Canada.

ATIC is a new organization comprised of internationally-recognized experts in remote sensing science and applications including hyperspectral data analysis. ATIC is focused on providing our customers with the technical expertise and scientific knowledge to support remote sensing projects on the leading edge of science. As we grow, we will remain dedicated to providing our customers with unparalleled service from our scientific and support staff.

*lunctus Geomatics is one of four channel partners in the world for SPOT Image SA which is a private company registered and headquartered in Toulouse, France. lunctus has owned exclusive rights to distribute SPOT products within Canada since May 2002.

SPOT Image is a European supplier of satellite data as well as the sole commercial operator of SPOT satellites. SPOT Image is owned by France's space agency and France's survey and mapping agency, the EADS and Alcatel groups, the Swedish Space Corporation and the Belgian government. SPOT is the acronym of the French phrase "Système Probatoire d'Observation de la Terre".

SEEKING APPLIED RESEARCH PROPOSALS

ATIC is seeking Expressions of Interest from qualified parties interested in collaborating on applied research projects using SPOT imagery as the core enabling technology.

Our aim is to identify suitable projects and/or well-qualified collaborating parties that could turn satellite-based remote sensing scientific knowledge into revenue-generating information products within 2 to 5 years. Such collaborations would be structured under a mutually agreeable agreement to benefit all contributors. For more information please contact ATIC's Science Director:

karl.staenz@ImagingCenter.ca

