



The Space Technologies Development Program



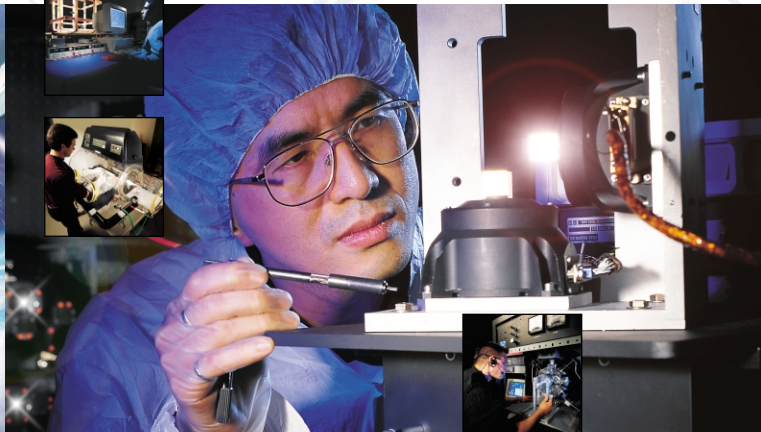
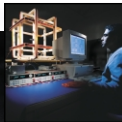
Space Technologies:
Investing in Our Future



The Space Technologies Development Program (STDP)

is designed to encourage the development of innovative and emerging technologies and position the Canadian space industry to meet the current and future needs of the Canadian Space Program.

Priority will be given to the development of innovative leap-frog technologies within specific technical priority themes: technologies having a strong potential to meet the future needs of the Canadian Space Program and those technologies that ensure the growth and



international competitiveness of the Canadian space industry. The Space Technologies Development Program of the Canadian Space Agency (CSA) will issue periodic Requests for Proposals (RFPs) for the development of promising technologies that have significant potential and which will make a major impact on the Canadian Space Program.

Eligibility

Canadian industrial companies are eligible and encouraged to participate. Universities, other government research centres and non-profit organisations may participate as subcontractors and are encouraged to collaborate on research initiatives on any project submitted by a Canadian Industrial company.

Evaluation of Proposals

In addition to having mandatory requirements (e.g. RFP Priority technologies, Canadian contractor and industry contribution), RFPs issued under the Space Technology Development Program will use pre-determined criteria which favours a rapid and fair evaluation process.

Examples of STDP Awards

- **CORETEC Inc., St. John's, Nfld.**,
"Develop an intelligent friction compensation technique, to improve robot performance"
- **A.U.G. Signals Ltd., Toronto, Ont.**,
"Image Fusion for Higher Spatial Resolution Restored Satellite Images"
- **Xiphos Technologies Inc., Montreal, Que.**,
"Development of a highly reliable Internet protocol specifications for use in space-based communications"
- **ITRES Research Limited, Calgary, Alta.**,
"Evaluation of Short Wave Infrared (SWIR) Technology for the STDP"
- **COM DEV Int., Cambridge, Ont.**,
"Small Cell Lithium Ion Batteries for Large Scale Geostationary Satellites"
- **EMS Technologies Inc., Sainte-Anne-de-Bellevue, Que.**,
"L-Band SAR Technology Development for future EO Satellites"



For additional information on the Space Technology Development Program please consult the CSA Website at www.space.gc.ca or contact:

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