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Communications  
Research Centre  
Canada  
An Agency of  
Industry Canada

Centre de recherches  
sur les communications  
Canada  
Un organisme  
d'industrie Canada

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CRC Innovation Centre

Canada

CRC

Industry Canada  
Library - Queen

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Take your first  
steps with us.

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Since 1994, the CRC Innovation Centre has been helping dynamic, young Canadian companies develop their potential through on-site technology incubation.

# Why CRC?

## **A Track Record of Success**

For more than 30 years, the Communications Research Centre Canada (CRC) has been the leading federal government laboratory for advanced communications R&D.

We believe that business success starts with access to our technologies, facilities and expertise.

We are committed to helping small and medium-sized high-tech companies make the Canadian economy strong.



Our Innovation Centre is a great place for fledgling companies to test their wings, and our focus is helping these young companies take flight. We also accept established companies requiring CRC expertise or facilities to carry out R&D on a new product.

## **We're in the Right Neighbourhood!**

CRC is located in Ottawa's west end, close to Canada's largest telecommunications companies in the heart of Silicon Valley North.

# What's available?

As a client of the CRC Innovation Centre, you have access to:

## Affordable Space

- furnished offices, office equipment and laboratory space at affordable rates
- CRC's secure site could mean lower insurance rates for you
- space allocation and fee schedule tailored to suit your needs, based on the services you use

## World-Class Researchers

- more than 150 research scientists, engineers and technologists, all leading experts in their fields, which include: radio science;

terrestrial wireless; broadcast technologies; satellite communication systems; broadband network systems; and microelectronic and optical technologies

## Leading-Edge Technologies

- a sophisticated portfolio of patents and protected technologies ready for commercial exploitation, including:
  - advanced audio, video and multimedia systems
  - image and sound compression, transmission and processing
  - microelectronic devices and processing
  - advanced optical and component systems
  - indoor and mobile communications
  - fixed and mobile satellite communications

*"You come here and it's like half your company already exists."*

*Dave Bongfeldt, Chief Technical Officer, Spotwave Wireless Inc.*





*"The staff, specialized labs and library were exceptional in meeting our R&D requirements. Everything we needed was under one roof."*

*Kim Rowe, Manager, RoweBots, Inc.*



## Unique Testbeds

### **Broadband Network Technologies**

- Broadband Applications and Demonstrations Laboratory (BADLAB™)
- Microelectronics Facility

### **Terrestrial Wireless**

- Digital Integrated Circuit CAD and Test Facility
- Microwave Component Development and Measurement Facility
- Wireless and Inter-networking Systems Experimentation Laboratory (WISELAB™)

### **Broadcast Technology**

- Advanced Television Evaluation Laboratory
- Audio Perception Laboratory
- Video Signal Processing Facility
- Television Transmission Testbed and Facilities
- Digital Radio Broadcasting Testbed

### **Radio Science**

- Antenna Test Facility
- Earth-Space Propagation Measurement Facility
- Electromagnetic Compatibility Measurement Laboratory
- Radio Channel Characterization Laboratory



*"We had ready access to expert research in antenna design, machine shop support for the development of our prototype equipment, and world-class environmental test facilities. While at CRC, we grew from a start-up to the world leader in our product field."*

*Peter Rossiter, President,  
SkyWave Mobile Communications Inc.*

## **Business Development Assistance**

- referral to an Industrial Technology Advisor for the Industrial Research Assistance Program (IRAP)
- help finding funding specialists
- help with funding proposals to Technology Partnerships Canada
- access to economic development groups
- invitations to business breakfast meetings, courses, marketing opportunities (e.g. trade shows)
- access to Industry Canada business development programs offering international marketing assistance, business diagnostic services, partnering, technical seminars and business information services

## **Networking Opportunities**

- direct links to universities and CRC's R&D partners
- opportunities to network with other incubating companies at various stages of growth and development
- memberships to the Federal Partners in Technology Transfer (FPTT), the Ottawa Centre for Research and Innovation (OCRI), the National Business Incubators Association (NBIA) and the Canadian Association of Business Incubators (CABI), providing excellent networking opportunities, invitations to industry events and access to specialized technology databases



## Centralized Support Services

- **Library:** Access to more than 300 subscriptions and 15,000 documents related to telecommunications. Patent and bibliographic searches, acquisitions and cataloguing available on a contractual basis.
- **Technical Support Services:** IT support, graphic arts design and production, technical design (CAD/CAM), printed circuit board prototyping, and model shop services.

- **Auditorium**
- **Conference Rooms**
- **Cafeteria & Catering Services**
- **Private Dining Room**
- **Fitness Facility**
- **Mail, Shipping & Receiving**

# Who can join?

### Canadian corporations with:

- A specific need for CRC technology, expertise, or access to testbeds
- A business plan
- A CRC mentor willing to support their proposal

### How do I find a CRC mentor?

We will meet with you to discuss your needs and see whether there is a CRC researcher working in a compatible R&D area. If all parties agree there is a good match and are willing, then the researcher may become your mentor.

### Sign me up!

For more information, please visit [www.crc.ca](http://www.crc.ca) or contact:

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*"The central location has been pivotal to our project's success because of our close working relationship with CRC's neighbours (Defence Research Establishment Ottawa and the Canadian Space Agency)."*

*Dave McCabe, Project Manager, Bristol Aerospace Limited*





[www.crc.ca](http://www.crc.ca)