



- A Combination of Technologies and Strategic Partnerships
- Satellite/ Telesat Canada
- Frame Relay/ NewTel
- Wireless/ Cooper Communications
- Design/implementation: CRC,
   Collaborative Networks,
   Stratos



#### SmartLabrador Infrastructure



- Providing a pan-Labrador digital communications system
- Connecting 41 sites with a combination of innovative technology
- Partnerships built on a history of working together in Labrador





- Empowering remote communities by providing access to information and services
- Enabling services in health, education and community life
- Services to inform on current issues and celebrate our unique natural and cultural heritage





- A "People First" approach providing training mentoring and support
- Fostering economic, social and cultural development within the Labrador
   Community
  - Building a Network of human resources for the future.

## SmartLabrador Program Objectives



- Newfoundland and Labrador's
  Smart Community
  Demonstration Project
- One of 12 sites in Industry
  Canada's Smart Communities
  Program
- Using innovative technologies, for enhanced services to enable a traditional way of life

### **SmartLabrador Vision**



Enabling technologies that will help us create an example to the world of how smart people, linked by good networks, can transform the challenges of distance and cultural diversity into opportunities for a dramatically enhanced social and economic life



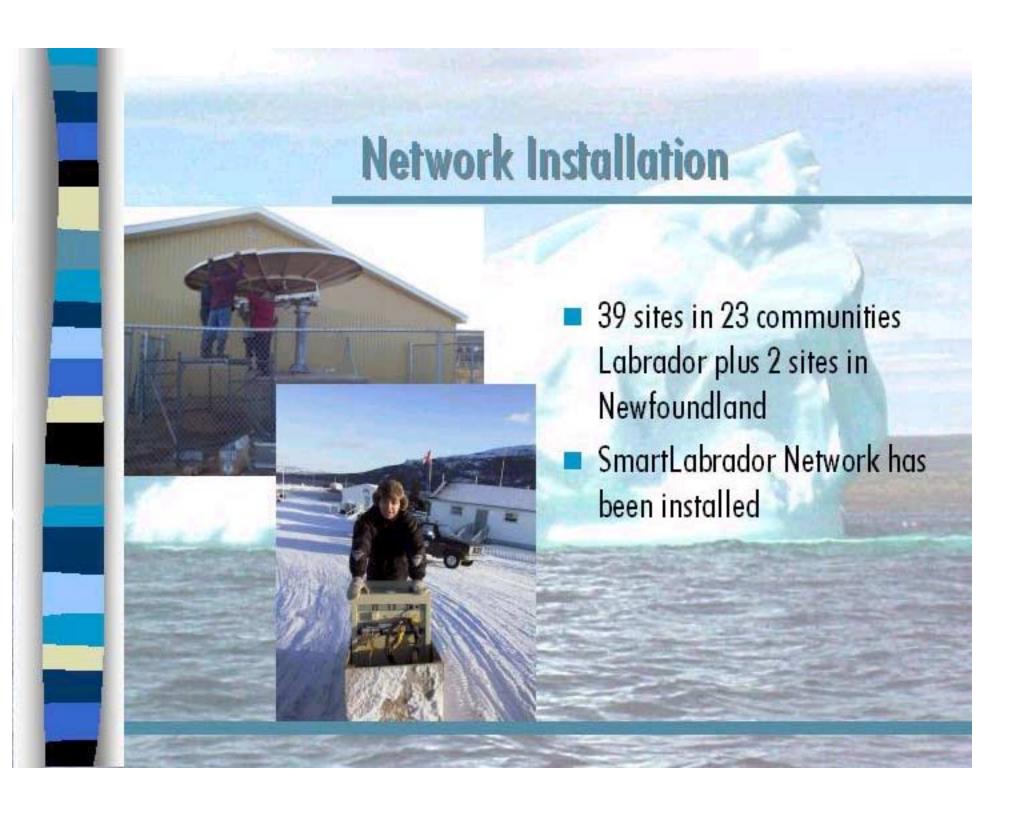


- 32 communities
- 280,000 square kilometres
- Many communities are without road or Internet access
- Many communities have antiquated communications systems





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### Videoconferencing



- Enables meetings without travel
- Up to 12 sites can be connected at once
- Applications can be shared between sites
- Connections are possible within Labrador, between Labrador and Nfld., as well as nationally and internationally



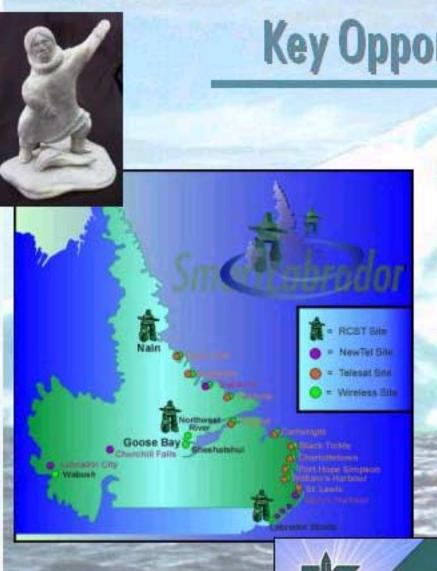


Health Site

Public Access Site

 Support Staff: Providing Training, Technical Support, Community Development

Team of Volunteers
 Throughout Labrador



## **Key Opportunities**

- Connecting with each other within Labrador
- Connecting Labrador with the world
- Creating a model for northern and remote communities
- Readying Labradorians to take part in the global economy

### **Partnerships**

- Over 60 partners in the SmartLabrador initiative, including industry, community based development, government, health and education sectors
- Partnerships with other northern projects and developing countries
- Partnerships for spin-off projects within Labrador



# Partnerships: Building a People Network



SmartLabrador is providing a basic infrastructure and service network that will enable our partners to develop and grow

Skills development at the community level is a priority for the initiative

#### Using New Technology to Span Distance



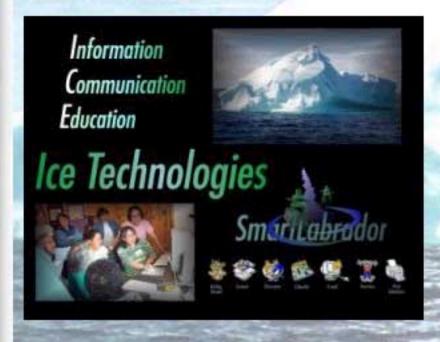
- Reaching a wider audience
- Having the ability to meet at any time
- Broadening the reach of programs and services
- Bringing services and opportunities to Labrador

### **Using Creativity to Span Distance**



- Creative partnerships for program development
- Creative solutions using local resources
- Working together to make more effective use of resources
- Building on an innovative network to suit local needs
- Discovering new business solutions for remote regions

# SmartServices: ICE Technologies



- A community based computer literacy program facilitated by our fieldstaff
- Preparing individuals to take advantage of online educational opportunities
- Creating the potential for e-learning to expand throughout Labrador

#### SmartServices: Distance Education



- Our new network, using videoconferencing, provides opportunities to expand on the types of courses offered and the range of educational activities available to schools
- Technology can be used for training and support for professionals in every industry sector
- By training our own staff, we are providing IT professionals for rural and remote communities

# SmartServices: E-Business Development



- Heritage Mall e-commerce pilot project
- Technology creates potential to market unique Labrador products internationally
- E-learning for small business in partnership with Operation Online

# Smart Services: Cultural Exchange



- You have to know where you come from to be able to move forward
- Utilizing new technologies to preserve our heritage and share resources
- Marketing Labrador to the world through the Heritage
   Mall

#### Smart Services: Telehealth



- Key partnership with TETRA, a pioneer in the development of telehealth services
- Both health boards in Labrador are involved in the project
- Health Centres and Nursing
  Stations around Labrador
  linked to the SmartLabrador
  Network

### Smart Services: Government Services



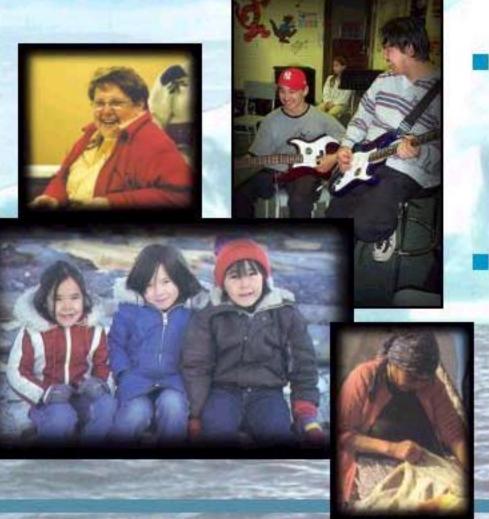
- Developing a partnership with the provincial government to provide videoconferencing services
- Providing the capability for department staff to reach remote communities
- Broadening the reach of programs and services

#### Successes



- Innovative network design
- Recognition that we have developed a solution to provide services over distance
- We are training a network of IT professionals within Labrador
- New partnerships developing
- New ideas for services at the community level
- New jobs in the private sector as a result of the project





People who are...

More informed,
Better connected,
More skilled

People who have...

Better services,

More opportunities

Higher quality of life

