

An Innovative Network

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





Technology on Top of the World
www.smartlabrador.ca

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



Smart Services

- 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



Smart People

- 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

Labrador: *Facing the Challenge*

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



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Network Installation



- 39 sites in 23 communities
Labrador plus 2 sites in
Newfoundland
- SmartLabrador Network has
been installed

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

Community Sites



- 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
- Readyng 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

Smart Results



- **People who are...**

- More informed,*
- Better connected,*
- More skilled*

- **People who have...**

- Better services,*
- More opportunities*
- Higher quality of life*



Blending the digital skills of our youth
with the wisdom and traditional skills
of our elders