# Alberta SuperNet

Klondike Days
Exhibition July 2005

# Alberta SuperNet

- How would you connect Albertans to a high-speed network?
- Remember, you have to span 661,000 square kilometres!
- You have to reach hundreds of smaller communities separated by vast distance!

Here's a hint…how about connecting the facilities that mean the most to Albertans?

Alberta SuperNet is a high-speed broadband network that spans the province, connecting 4,200 schools, hospitals, libraries and government facilities.

How do you connect that many facilities?

It wasn’t easy…

ALBERTA
SUPERNET
UNDER
CONSTRUCTION
For more information, call 1-866-773-3348.
www.albertasupernet.ca
www.supernetportal.com

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Alberta SuperNet Points of Presence (PoPs) are the network hubs in rural SuperNet communities. The PoP connects the community to the rest of the network…and to the world.

Did you know that Alberta SuperNet will bring high-speed access to 402 rural communities throughout the province?

Alberta SuperNet is a unique business model that involves both the public and private sector.

Alberta
GOVERNMENT OF ALBERTA

Bell

Axia SuperNet Ltd.

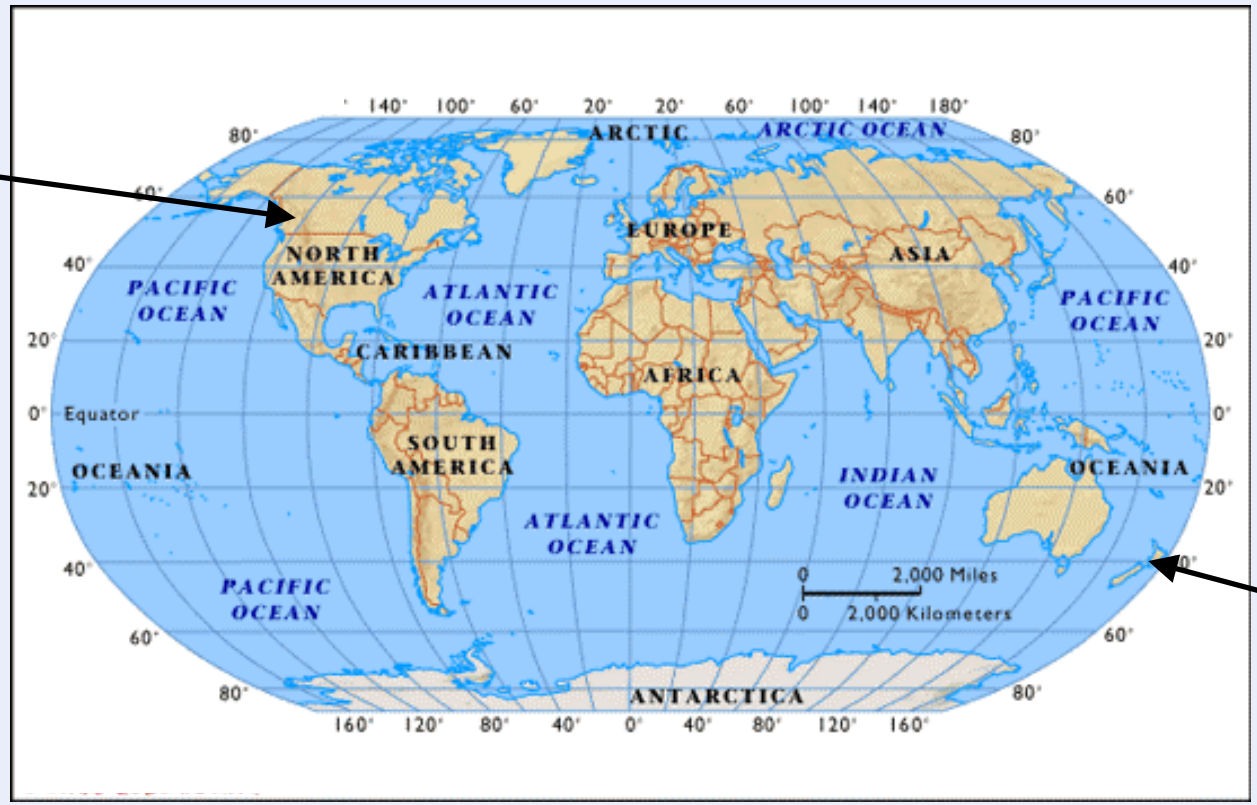
Did you know that Alberta SuperNet is longer than the entire TransCanada Highway, which took 12 years to build?

TransCanada Highway, Roger's Pass, BC

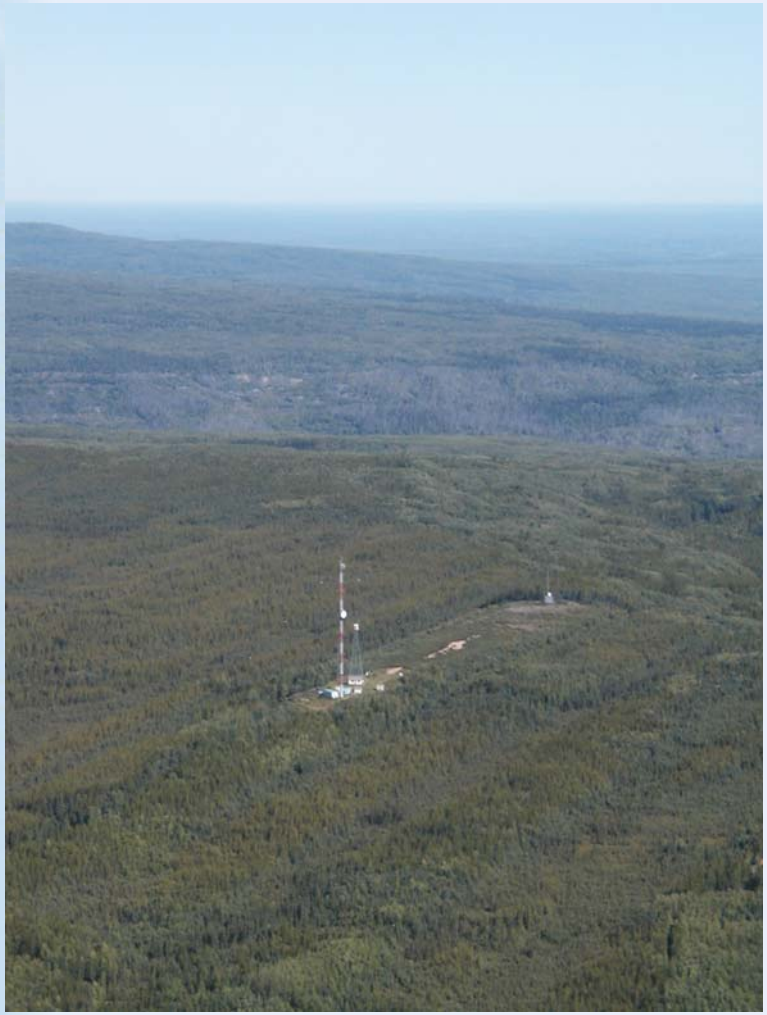
TransCanada Highway, Cabot Trail, Nova Scotia

Alberta SuperNet consists of over 12,000 km of fibre and wireless technology. That's about the distance from Calgary to Auckland, New Zealand!

Calgary



Auckland

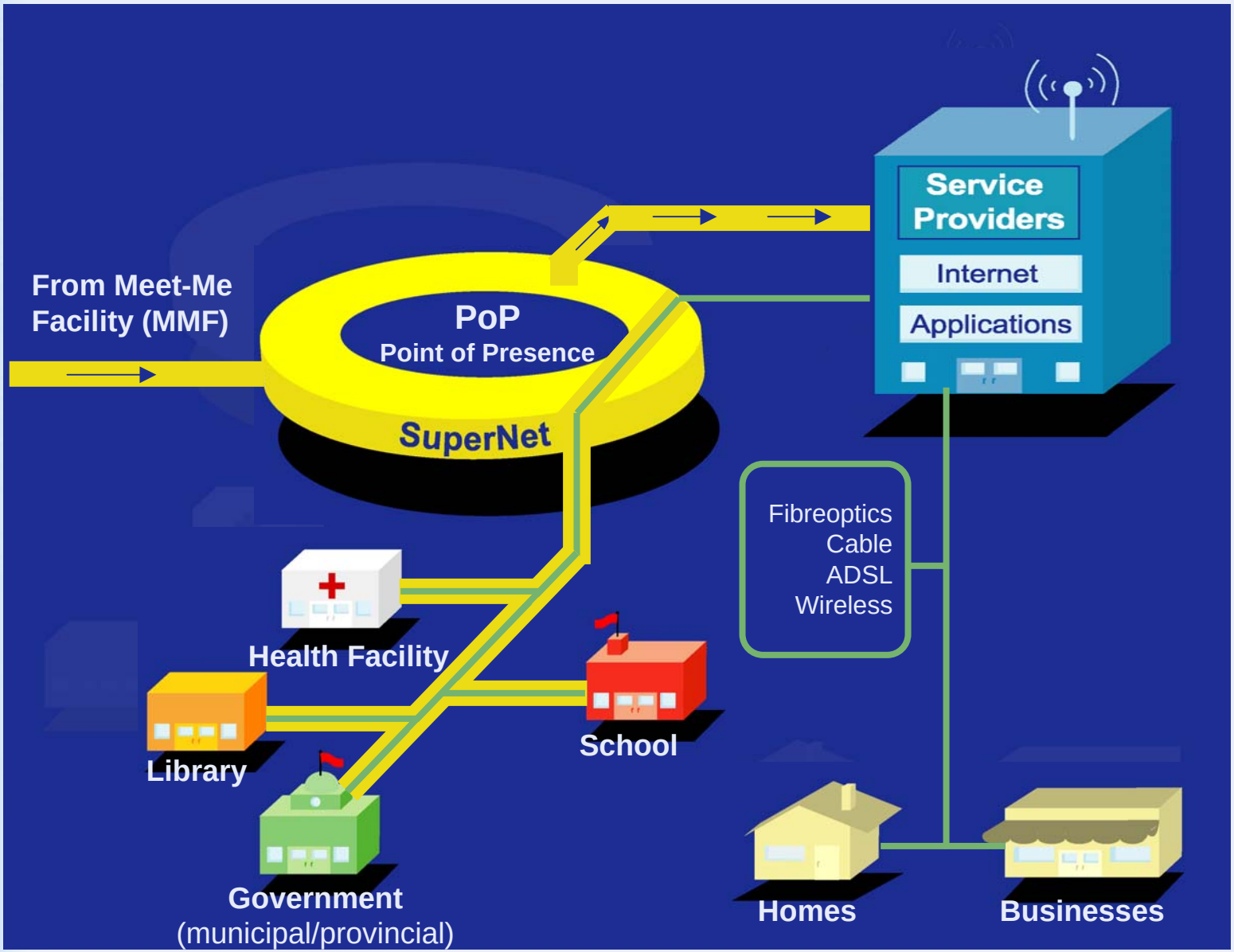


Did you know that Alberta SuperNet contains what is believed to be the longest wireless link of its kind? Can you guess what community required this long-distance wireless link?

Alberta SuperNet's wireless link to **Fort Chipewyan** is believed to be the longest of its kind!

Engineers managed to connect the community to Alberta SuperNet despite the swampy marshlands that surround the region.

# Network Traffic



How fast is Alberta SuperNet?

Let’s compare it to speeds you’re familiar with…

# Dial Up
# 56kbps

# ADSL/Cable

## 640kbps

# SuperNet
# 10/5 Mbps

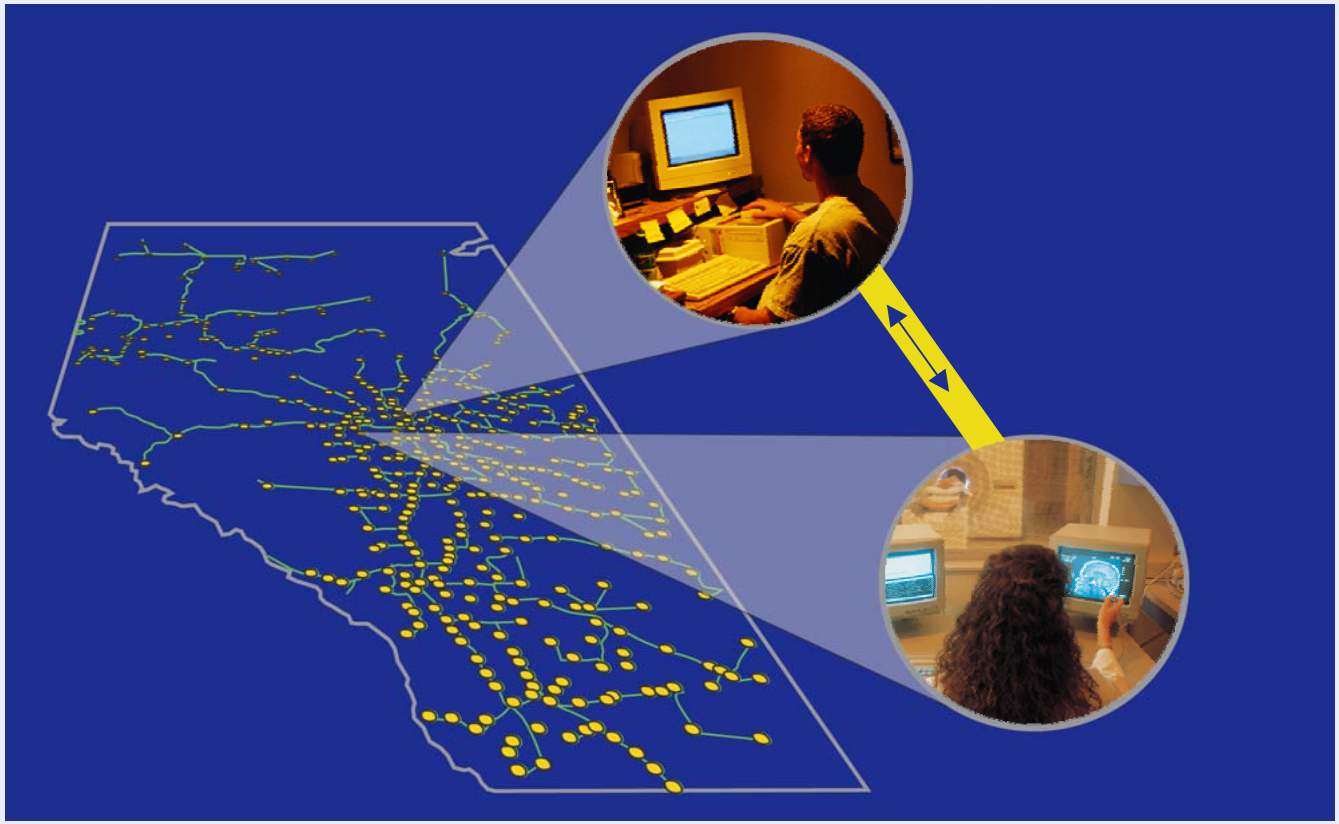
# SuperNet
# 100/20 Mbps

# USES & BENEFITS of Alberta SuperNet

# E-Learning

- Alberta SuperNet enhances learning in remote areas
- Students in the Fort Vermilion School District use videoconferencing through the Rural Advanced Community of Learners
- Students in Red Deer and Rocky Mountain House are connecting in a collaborative, e-learning environment

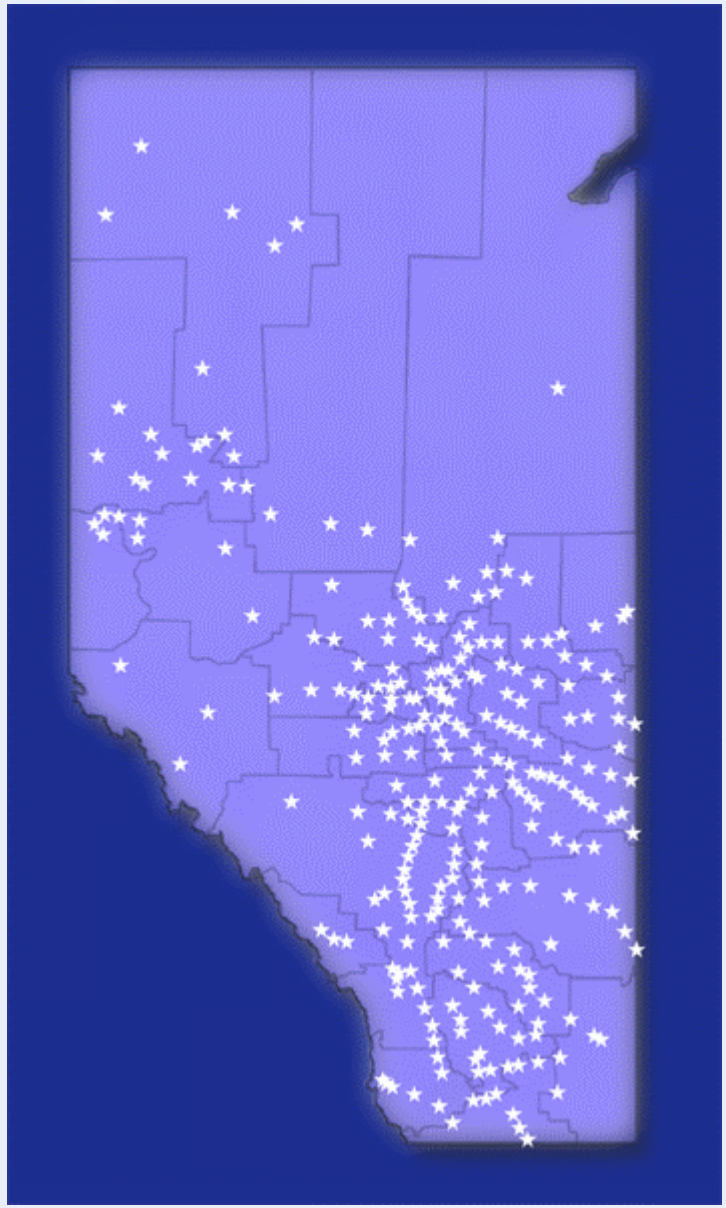
# E-Health



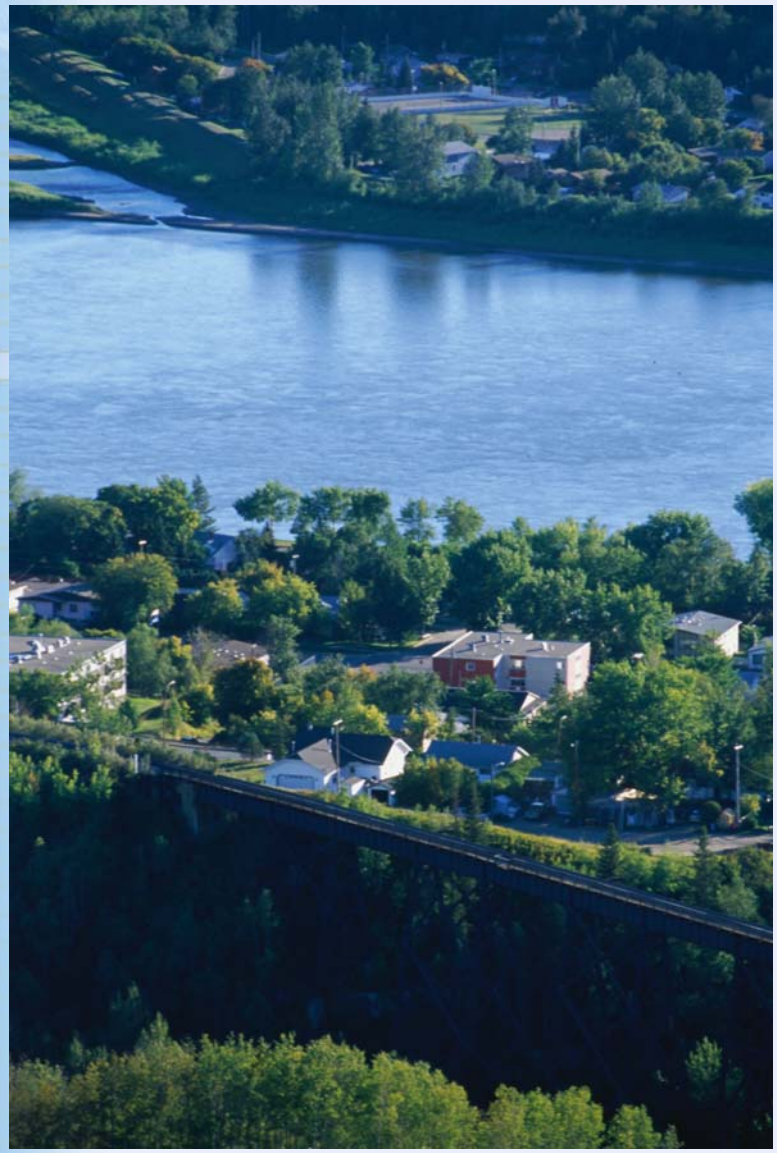
- Alberta SuperNet helps urban medical centres share information with rural specialists
- Alberta SuperNet allows rural hospitals to use e-health applications such as telehealth, and access more learning opportunities

# E-Libraries

- With Alberta SuperNet, libraries can become access points for distance education, video conferencing, digital libraries, and collaboration
- Alberta SuperNet will promote life-long learning initiatives



# Businesses and Communities



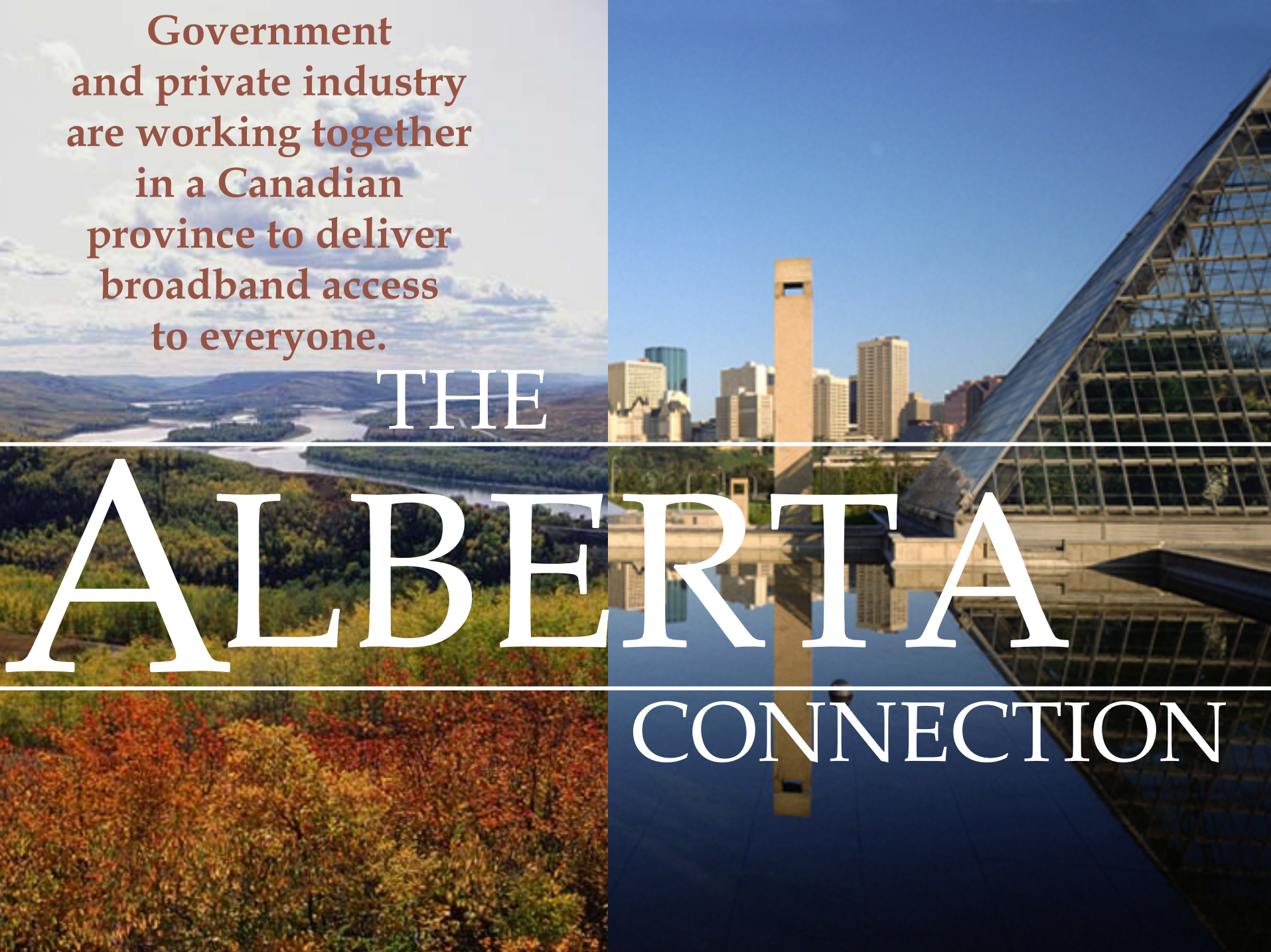
- Alberta SuperNet is making rural communities even more attractive as places to live and do business

- Alberta SuperNet helps provide rural access to the global marketplace

# Looking ahead

- Alberta SuperNet is making our province a leader in e-learning, e-health, e-government and e-commerce
- Take advantage of the opportunities Alberta SuperNet offers!
- For more, visit www.albertasupernet.ca

Government
and private industry
are working together
in a Canadian
province to deliver
broadband access
to everyone.



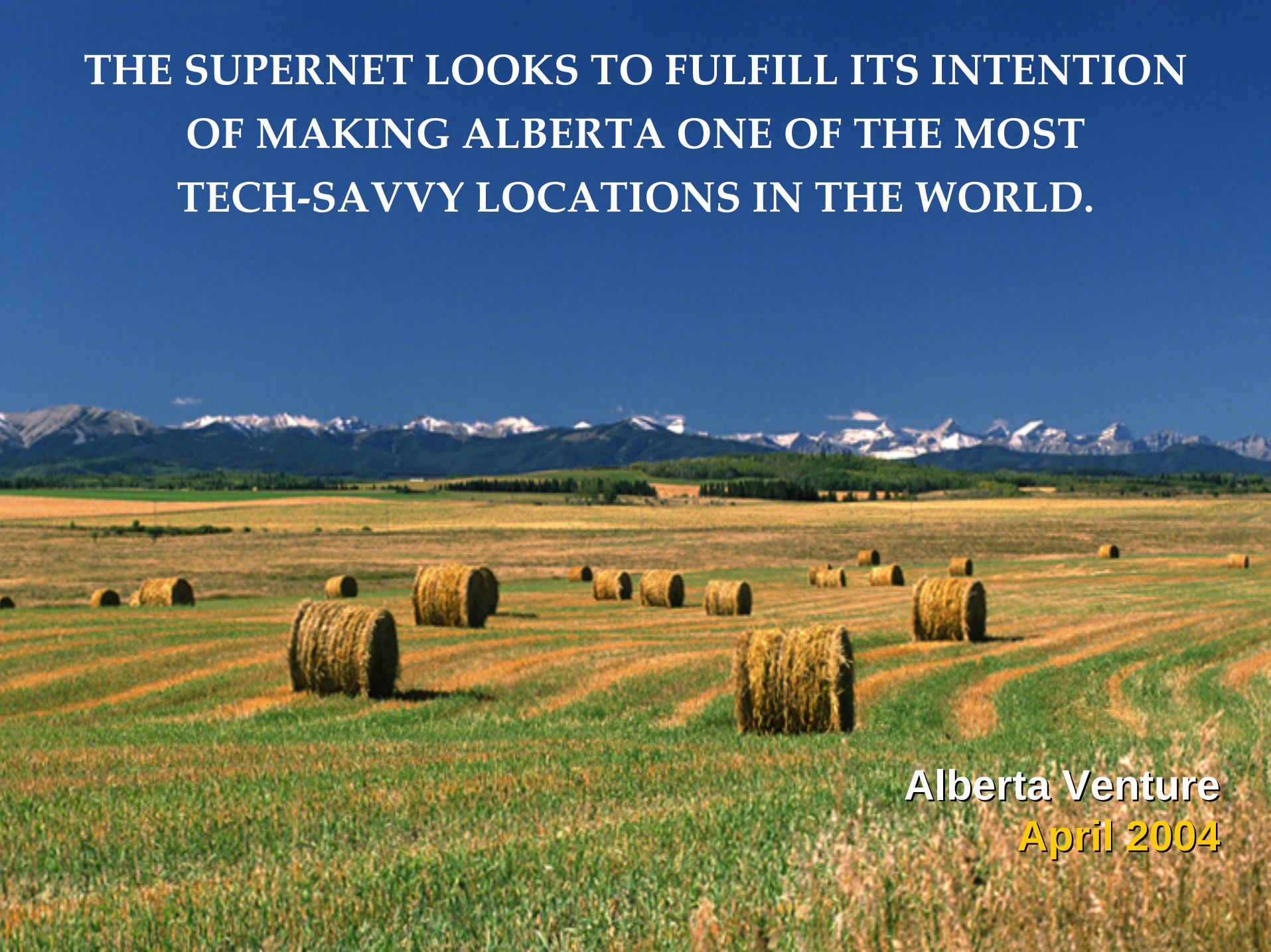
# THE ALBERTA CONNECTION

ALTHOUGH THE SUPERNET ISN'T QUITE FINISHED, IT'S EASY TO SEE HOW IT IS GOING TO TRANSFORM LIFE IN ALBERTA.

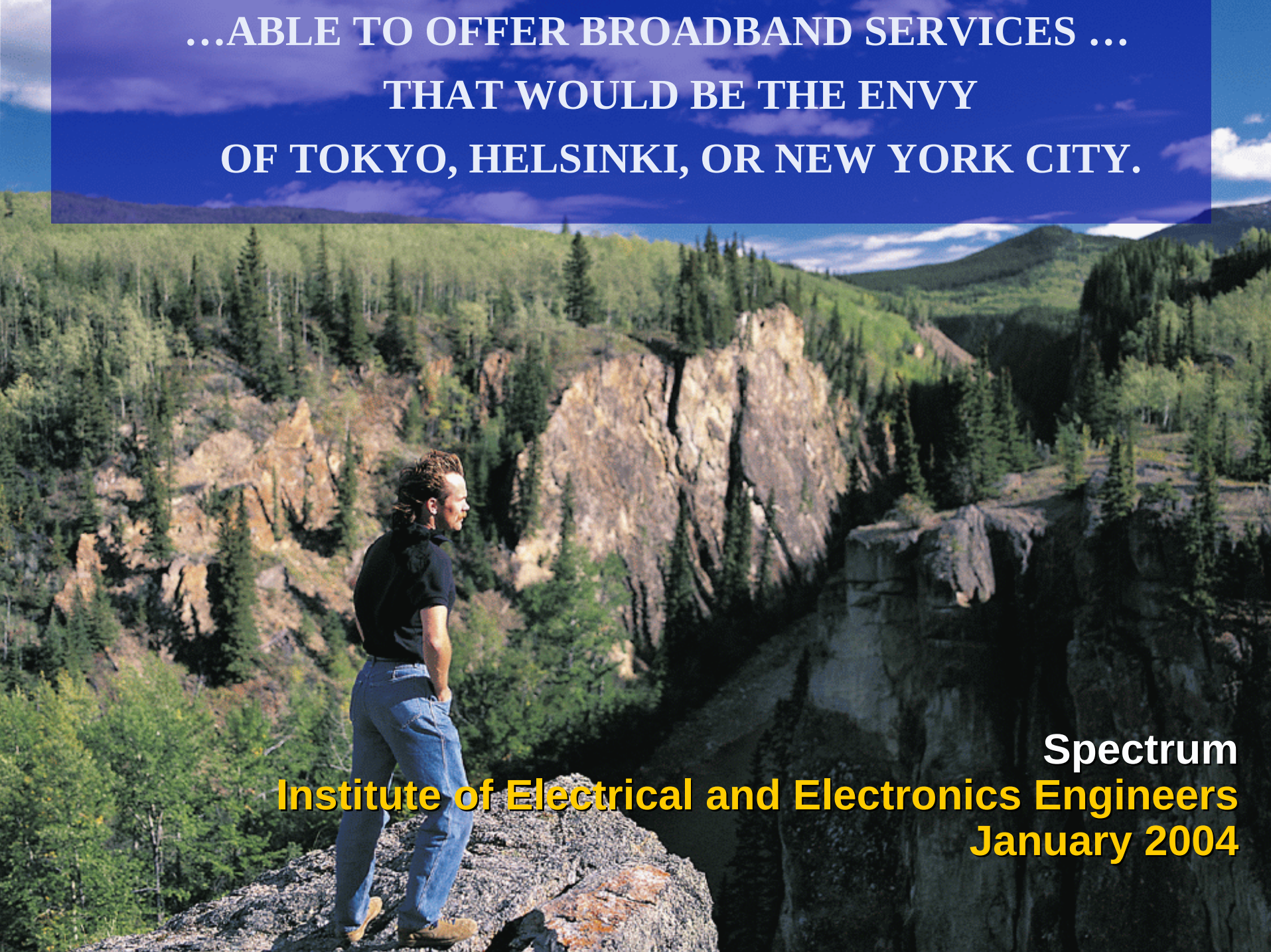
Spectrum, January 2004

Institute of Electrical and Electronics Engineers

# THE SUPERNET LOOKS TO FULFILL ITS INTENTION OF MAKING ALBERTA ONE OF THE MOST TECH-SAVVY LOCATIONS IN THE WORLD.



Alberta Venture
April 2004


…ABLE TO OFFER BROADBAND SERVICES …
THAT WOULD BE THE ENVY
OF TOKYO, HELSINKI, OR NEW YORK CITY.
Spectrum
Institute of Electrical and Electronics Engineers
January 2004

# IT'S TIME FOR ALL OF CANADA TO JUMP ON ALBERTA'S BIG BROADBAND BANDWAGON.

**Globe and Mail**
**Report on Business**
**April 1 2004**

# WE'RE BUILDING MORE THAN A NETWORK… WE'RE BUILDING A FUTURE."

**Luke Ouellette**

**Minister of Restructuring and Government Efficiency**

# WITH ALBERTA SUPERNET, THE SKY REALLY IS THE LIMIT.

## ALBERTA IS LEADING THE WAY IN CONNECTIVITY FOR RURAL DEVELOPMENT.

**Luke Ouellette**

**Minister of Restructuring and Government Efficiency**

# ALBERTA SUPERNET IS GREAT NEWS FOR RURAL COMMUNITIES AND THEIR LOCAL BUSINESSES AND RESIDENTS.

**Luke Ouellette**
**Minister of Restructuring and Government Efficiency**

THIS IS THE INFRASTRUCTURE FOR THE 21ST CENTURY

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