



Ivey Innovation and Telecommunications Policy Event

Shaping Tech, Markets & Networks

Ivey Donald K. Johnson Centre, 130 King St W, Toronto

2025/05/21

Supporting Canadian Enterprises and Government

Bell delivers transformative technology and network solutions that power Canadian organizations, enabled by Canada's best cloud-ready and most advanced fiber optic network and LTE/5G networks built for business.



Land Mobile Radio (LMR)

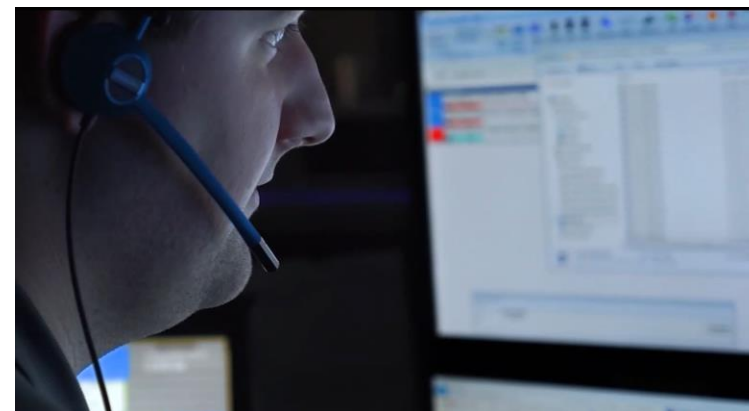
Bell is the largest managed mission critical radio services provider in Canada.

<https://business.bell.ca/shop/medium-large/our-networks/public-safety-lmr>



Private Mobile Network

Bell delivers industrial-grade mission-critical private wireless network solutions for Canadian businesses



Commercial wireline & wireless

Bell's network support 911 answering points and various utility use cases, with the ability to prioritize traffic and isolate traffic on dedicated network paths

Leverage 5G innovation to drive real business outcomes



Improve workforce productivity

- Connect more users, offices and data centres
- Enable access and use of data-heavy cloud applications for greater agility



Enhance customer experiences

- Create immersive, seamless and real-time experiences
- Enable high-performance applications and analytics
- Extend service accessibility to underserved markets with mobile retail locations



Enable smarter business operations

- Connect more sensors than ever before
- Automate manual industrial operations and workflow processes
- Leverage automated data collection and analysis to enable predictive analytics



Drive new revenue opportunities

- Create and sell unprecedented, real-time applications using AI and big data analytics
- Open mobile locations to offer services to new customer markets

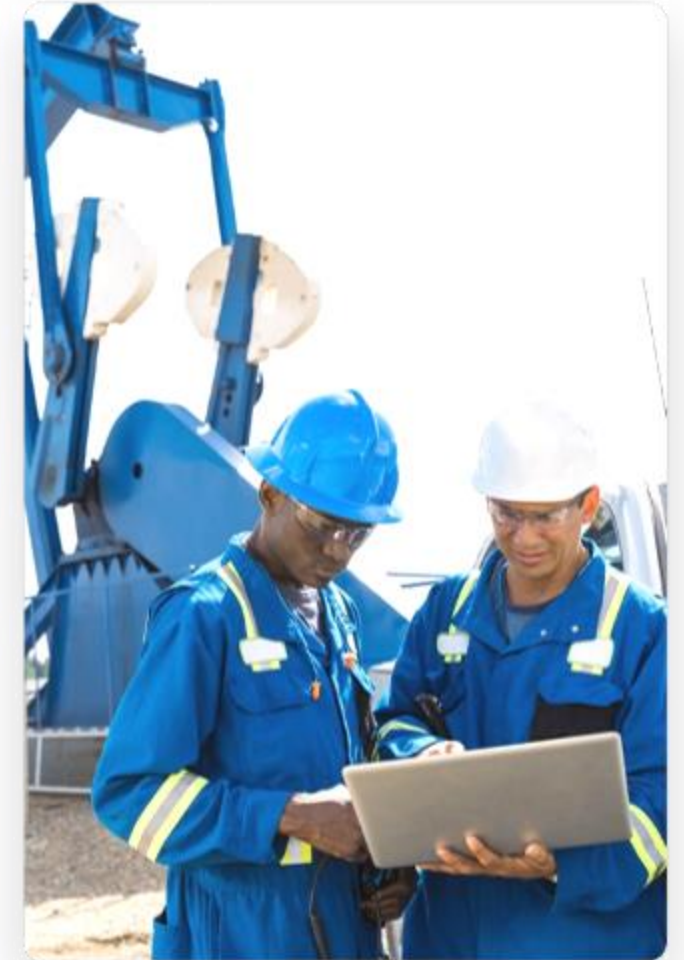
Business Challenges

What challenges are businesses currently facing?

- Scalability – High density of connected devices that are not supported by Wi-Fi.
- Automation – Robots, vehicles, and machinery require near real-time communication, seamless handoff between access points, and enterprise grade connectivity.
- Rapid retooling – Assembly floors are often too far for Ethernet runs.

How can Private Mobile Networks address these changes?

- Support ultra high density of connected devices in small areas and remote locations.
- Enterprise grade network for efficient communication and seamless handoff.
- Eliminate cables for increased flexibility.



Digital Transformation: Industrial IoT

Bell and Maclean Engineering advance the next generation of mining operations in Canada, driving enhanced safety and sustainability:

1. <https://explore.business.bell.ca/news-and-events/bell-maclean-advance-next-generation-mining-operations-canada>
2. <https://explore.business.bell.ca/private-mobile-network-spotlight/engineering-the-mine-of-the-future-today>



Bell 5G Developer Program

- Co-Innovation with our customers and partners
- Support for developers to securely realize the transformative power of the 5G ecosystem
- Partnership with device manufacturers for modems and modules
- Partnership with mobile network operators around the world
- Access to Bell's [5G Developer Portal](https://developer.bell.ca/) to educate the industry and highlight Bell's tools



<https://developer.bell.ca/>