Bell

Case study

Delivering world-class connectivity to the region of Windsor-Essex

Schools, libraries and municipalities in Ontario's Windsor-Essex region wanted to expand their fibre-based network to enable higher speed connectivity. The Board of Directors at Connecting Windsor-Essex (CW-E) sought a solution provider who could implement the infrastructure required to grow their existing network. Bell's high performance Business Internet service was selected to deliver the robust connectivity that users needed.

Challenge — When fast, reliable connectivity becomes non-negotiable

Schools need consistent, high quality and dependable Internet connectivity — especially with the high-resolution videos, cloud-based apps and other bandwidth-hungry teaching tools used in classrooms today. Yet, not every community has the infrastructure in place to deliver this level of connectivity.

That was the challenge Windsor-Essex faced in 2017, when Ontario's Ministry of Education introduced the Broadband Modernization Program – which set targets for the implementation of high-speed, low-cost Internet in schools. CW-E trusted Bell to help them achieve the new requirements and enhanced availability and scalability.

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CW-E is a non-profit organization comprised of a Board and a consortium of municipal and education sector stakeholders. Today, CW-E ensures businesses, institutions, and residents across the region have access to high-speed connectivity.

Solution — Bringing in the right team to deliver the right solution

Along with Bell's fibre optic technology and competitive pricing, their delivery capabilities were a deciding factor in the decision — CW-E required the large-scale deployment of more than 100 sites to be completed in just 18 months.

With Bell's extensive fibre footprint, they were able to roll out Business Internet service with their own delivery, coordination and installation teams. Bell's Professional Services team ensured a smooth delivery with a dedicated project manager coordinating the installation and implementation on time and on budget. Weekly contact was crucial to meeting CW-E's target of having the first 50 sites up and running in time for the start of the 2019 school year.

"From the high-speeds to the competitive pricing, we were confident that Bell could manage such a large project, get it done within our tight timeframe, and provide our stakeholders with the best services."
— Dan Circelli
Director of Marketing, CWE

Results — Windsor-Essex is ready for the future

With the roll out of Bell's Business Internet service, schools in the area can now take advantage of faster Internet speeds, greater uptime and higher capacity — thanks to the network's distributed connectivity and redundant capabilities.

Bell's fibre network has also created opportunities for the region of Windsor-Essex to take advantage of Internet of Things (IoT) and Smart City solutions. This will allow the region to benefit from cost-savings and efficiencies derived from utility automation, real-time traffic monitoring, and educational applications including, sensors and monitors that deliver insights into student success factors.

The ongoing partnership between Bell and CW-E will benefit the community by continuing to provide schools, libraries and municipalities with the high-speed connectivity they need.

Bell's Business Internet solution delivers high-speed Internet – up to 940 Mbps download and upload speeds – over Canada's most advanced fibre optic network. These unmatched symmetrical speeds exceed the Ministry of Education's future requirement of 1 Mbps per student and will provide business-class Internet to schools, libraries and municipalities.

"These days, the Internet is an essential service – like having running water in your building. When it is not working, people feel it. Now our schools get fast, stable connectivity they can depend on."
— Francis Mailloux
ICT Administrator, Conseil Scolaire Catholique (CSC) Providence school board

Visit **bell.ca/connectivity** or more information on how Bell can help you meet your connectivity needs.

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