sales@cologix.com
1.855.265.6449

CASE STUDY

Building Diverse, High-Capacity Fiber Connectivity in Vancouver

A strategic partnership delivering secure, underground dark fiber connectivity across the Cologix ecosystem.

Missing Link Communications partnered with Cologix to expand high-capacity dark fiber connectivity across Vancouver, supporting accelerating enterprise, carrier and AI-driven infrastructure demands.

Challenge

As demand for AI-driven and mission-critical connectivity increases, Missing Link Communications identified a growing need for diverse, low-latency connectivity beyond Vancouver's traditional carrier hotel environment. Enterprises, carriers and cloud providers require scalable, high-performance connectivity between strategic data center locations. To extend the reach of its premium dark fiber infrastructure, Missing Link sought a carrier-neutral data center partner with strategically located facilities, dense interconnection ecosystems and operational standards aligned to its focus on performance, scalability and reliability.



About Missing Link Communications

Missing Link Communications is a metro dark fiber provider that offers high capacity, strategically placed, dark fiber networks to mission critical data centers, hyperscalers and enterprises throughout the Vancouver area. Missing Link's 100% underground commercial networks provide the shortest distances between data centers and meet critical data needs for enterprises and data centers who require quality, new connectivity options. **mlcommunications.ca**

About Cologix

Cologix powers digital infrastructure with 45+ hyperscale edge data centers and interconnection hubs across 13 North American markets, providing high-density, ultra-low-latency solutions for cloud providers, carriers and enterprises. With AI-ready, industry-leading facilities, Cologix offers scalable, flexible and sustainable data center solutions that help customers accelerate growth at the digital edge. Cologix delivers extensive physical and software-defined interconnection services, including Cologix OneConnect, enabling fast, secure, self-service connectivity to clouds, networks, partners and digital services across the Cologix ecosystem. **cologix.com**

Solution

Missing Link Communications expanded its premium dark fiber infrastructure across all five Cologix Vancouver data centers, creating diverse, high-capacity connectivity between strategic interconnection hubs throughout the region. Combined with Cologix's carrier-neutral, interconnection-rich ecosystem, the deployment delivered secure, low-latency connectivity optimized for scalability and resiliency. Missing Link's purpose-built underground fiber routes feature shorter physical paths, reduced splice counts and higher fiber density than competing providers, helping customers improve network performance while supporting growing bandwidth demands. Together, Missing Link and Cologix created a scalable, high-performance connectivity environment supporting enterprises, carriers, cloud providers and evolving mission-critical infrastructure requirements.

Benefits

By partnering with Cologix, Missing Link Communications expanded the reach of its premium dark fiber infrastructure in one of North America's most strategic interconnection markets. Customers gain access to highly connected, carrier-neutral data center environments supported by secure, scalable and resilient connectivity optimized for mission-critical operations. Missing Link's purpose-built underground fiber architecture, shorter route distances and reduced splice counts deliver improved performance, lower latency and enhanced network reliability within the Vancouver metropolitan area. Combined with Cologix's dense ecosystem of carriers, cloud providers and enterprises, the solution delivers high-capacity connectivity designed to support accelerating AI-driven demands, interconnection growth and evolving digital infrastructure requirements.

Ready to power your growth?

Scale your business with faster, simpler, secure cloud connectivity **with Cologix.**

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Results

Expanded premium dark fiber connectivity between premier interconnection hubs

Delivered shorter fiber routes with fewer splices for improved low-latency performance

Increased high-capacity fiber availability in support of accelerating AI and mission-critical infrastructure demands

High-performance access to Vancouver's highly connected, carrier-neutral interconnection ecosystem

Delivered resilient, scalable connectivity for enterprises, carriers, cloud providers and digital services

Solution Components

Deployed purpose-built underground dark fiber infrastructure optimized for secure, resilient and low-latency connectivity across Vancouver

Expanded premium dark fiber connectivity across all five Cologix Vancouver data centers

Leveraged shorter network paths and reduced splice counts to improve overall connectivity performance and operational reliability

Enabled diverse connectivity through high-fiber-count infrastructure spanning all five Cologix Vancouver data centers

Combined premium dark fiber infrastructure with Cologix's carrier-neutral ecosystem to accelerate interconnection and digital growth initiatives

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