

# SYMTECH

**Symtech Innovations Ltd.** is proud to announce that we have commenced work on two Cologix Data Centre Projects in Vancouver and Montreal.

Cologix Inc. is a network-neutral interconnection and colocation company headquartered in Denver, Colorado that provides massively scalable interconnection services and secure, reliable colocation services in densely connected, strategically located facilities in Dallas, Montreal, Toronto and Vancouver.

In Vancouver, Symtech is responsible for an expansion of Cologix existing VAN2 facility located in downtown Vancouver. This seismic site includes a new 4,200 square foot interior build-out complete with (2) 3000A Power Distribution Units upstream of (12) 400A remote power panels offering redundant emergency power to over 103 new data centre cabinets. The new space will come equipped with (4) new computer room air conditioners capable of outputting 240 tons of cooling, a raised floor system as well as a seismically engineered 'gordon grid' ceiling. The data centre will resemble the trademark of Cologix national brand including their signature 'black fibre guide' diverse pathways, royal blue banding, as well as their signature checker plate wall protection.

An upgrade to their existing electrical infrastructure is being completed in three phases that will remove the old 10,000KVA service and introduce a new Tier 3 system, equipped with a new 25,000KVA substation hydro source, the introduction of a new 1000KW generator, serving as the redundant emergency source to two existing 1000KW generators, along with a new 4000A distribution board upstream of (2) new 2000A distribution boards, (7) new transfer switches, (2) new 750KVA UPS's as well as 750KVA transformers, as well introducing 50% higher cooling capacity to their main electrical room.

In Montreal, Symtech is acting as prime contractor, responsible for all sub trades on two large infrastructure upgrade projects for a live data centre environment running concurrently in an A class building.

The scope of work includes a generator project which sees the removal and replacement of 2x 700kW Generators, and the installation of 2x new 1.5mW generators. There will also be a rework of the base building HVAC system to provide space for the upgrade to take place.

Symtech is also responsible for a chiller plant project, which involves the buildout of a new Mechanical room on the 4th floor and the installation of 3x 300 ton Smardt Chillers complete with custom condenser package.

