

Equinix TR2



Symtech is proud to announce that we have completed our scope of work on the Equinix TR2 IBX Facility Phase 2, located in the heart of downtown Toronto's distillery district.

Equinix Inc. is an American multinational company headquartered in Redwood City, California, that specializes in enabling global interconnection between organizations and their employees, customers, partners, data, and clouds. The company is the leading global colocation data center provider by market share, and it operates 175+ data centers in 44 major metropolitan areas in 22 countries on five continents. Equinix reports 6,200+ employees globally and is listed on the NASDAQ stock exchange under the ticker symbol EQIX.

This phase of construction was part of multi-phase strategy that was implemented over the course of 8 months, with the addition of a 2.5 mega-watt diesel generator, dual-fed 2000 KVA high voltage transformer with one downstream 3000A distribution board, four 1200A distribution boards, twenty-two dual-fed static-transfer switches, twenty-two power-distribution units, and forty-four remote power panels, in addition to the house power, life safety, security, and lighting control systems that out-fitted the new 40,000 sq. ft. co-location space.

The project also included the modeling and construction of all electrical distribution infrastructure for future phases, which entailed over 1,300 hours of the latest in 3D modeling, and saw the pre-fabrication and installation of over 62,000 linear ft. of conduit. Symtech was the first Canadian company to partner with **Greenlee** in the implementation and beta-use of their **BendWorks™** platform, which shattered the boundaries of pre-fabrication.

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Service Beyond Expectations

Equinix TR2 features a sleek modern design with attention to detail to the various architectural components, as well as the planning and routing of all overhead services. The facility leaves behind the conventional raised floor platform and instead adapts a more advanced approach of overhead cooling, combined with the delivery of four different cable tray systems totaling over 1,700 strands of ribbon fiber and various copper connections.