

Electromechanical Systems Hypertec

Operation & Maintenance



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| Client: | Hypertec |
| Location: | Montreal, QC |
| Building Type: | Industrial and data centre |
| Contract date: | Since 2012 |
| Surface Area: | 425 000 ft ² |

Located in Montreal, Hypertec is one of the leading providers of information technology products and services. Hypertec Systems offers a large selection of high-end or low-end servers, personal computers, laptops, printers, together with a broad range of software. Hypertec BCDR is a provider of business continuity and disaster recovery services. These services are supplied in order to provide its customers with a secure and uninterrupted access to their data in the event of a physical disaster. The Hypertec Group is the first Canadian company in its industry to acquire the ISO 9001 certification and like ENGIE Services, values sound quality management practices.

In 2011, the Hypertec facility in Montreal welcomed one of Quebec's most important hosting companies, and their respective data centres occupy almost a third of the 425 000 square feet facility.

Challenges and Results

In 2012, ENGIE Services completed a detailed condition assessment of the facility's HVAC network which included a number of chillers, rooftop air conditioning units and ventilation systems. The primary objective of this project was to identify any required repairs and anomalies with the equipment and to conduct a life cycle analysis of these assets. The assessment also included a review of HVAC control systems sequences and a predictive vibration analysis on critical systems.

ENGIE also revised the annual maintenance plan and concluded a preventative maintenance agreement, which includes monthly technical maintenance support from a designated Service Manager. This support also includes project management services considering the important number of equipment retrofits and space changes.

With the help of our Energy and Environment team, ENGIE is also providing Hypertec with certification support for the BOMA BEST accreditation process. This notably includes the implementation of an energy and water management program that will enable the customer to monitor current consumptions and measure future improvements. A detailed audit of the building facilities was conducted in order to create the required benchmarks for the certification process. A BOMA BEST level 1 certification is expected to be obtained in 2013.

Mandate

- Condition assessment
- Life cycle analysis
- Preventative maintenance program
- Technical support
- BOMA Best support