

# Open Storage Solutions®



## Remote Hosting Services Facility

**Comprehensive  
Data Protection  
and High Availability  
Without the High Cost**

Open Storage Solutions remote location datacentre provides unparalleled network connectivity with a reliable source of power and robust, scalable cooling systems all within a seismic neutral geography. Located in Vaughan, Ontario, the datacentre is just minutes away from Toronto's Pearson International Airport (YYZ), the 400 series highways, and Toronto's downtown core.

The 8,000 ft<sup>2</sup> (745 m<sup>2</sup>) facility provides capacity to house 200+ racks, private suites and cages, and a build-to-suit disaster recovery premise.  
This facility was built in 2004.

**Availability  
Protection  
Recovery  
Backup**

[openstore.com](http://openstore.com)

Open Storage Solutions  
**We get IT.™**

# Remote Hosting Services Facility

## Key Facts

Facility in operation since: 2004  
Datacentre Market: Toronto and area  
Co-location Datacentre Space: Shared racks, private racks, private cages and suites  
DR Space: Flex space and build-to-suit DR (disaster recovery) private suites  
Power Density: Up to 150 Watts per ft<sup>2</sup>  
UPS Power: N+1  
Generator Power: N+1  
Datacentre Cooling: N+1  
Fire Suppression: Dry pipe pre-action fire suppression system with a very early smoke detection apparatus (VESDA)  
Datacentre Security: CCTV surveillance, biometric and access card security systems  
Datacentre Services: 24x7 remote hands  
Parking: On-site parking, access to loading dock.



## Power Infrastructure

On-site diesel-powered generators and uninterruptible power systems (UPS) allow our facility to be independent of the local power grid, guaranteeing uptime.

As part of a green initiative, the facility only utilizes bio-diesel for its generator fuel, and ensures that all lubricants and filters are disposed of to ensure that pollutants do not contaminate our environment.



## Climate Control

The elaborate climate control system for our datacentre uses numerous subsystems to achieve a highly resilient and redundant operation. With a 2N chiller subsystem, N+2 fluid cooler subsystems, N+1 glycol pumping systems, and 2N condenser loop, the Climate Control system is geared for 100% uptime.

## Security Infrastructure

Physical entrance to the facility is restricted by a three-tier physical challenge system. This level of security ensures that any of our tenants, visitors or contractors must pass BioMetric, PIN Code and Card Access verification to enter. Security is supported by CCTV, which is deployed throughout.

In order to ensure the highest security level, all maintenance personnel must be escorted by assigned personnel to any mission critical areas.

## REAL ESTATE SUMMARY

- 8000 Ft<sup>2</sup> (745 M<sup>2</sup>) total building size
- 6500 Ft<sup>2</sup> ( 722 M<sup>2</sup>)total available datacentre floor
- 225 Lbs (115 Kg) floor loading capacity
- Brick facade building type

## ELECTRICAL SUMMARY

- AC and DC power available
- Diesel generator with 7 days stand-by fuel
- Power provided by powerstream grid

## MECHANICAL SUMMARY

- 2N Redundancy
- Humidity control
- 68° + / -2 design temperature
- Floor level water detection

## FIRE SUPPRESSION

- VESDA –very early smoke detection apparatus
- Inergen fire suppression
- Under floor leak detection system

Open Storage Solutions is a data protection and storage solution provider, with a more than 30 year track record of bringing high value solutions and services to an ever-growing number of customers. Open Storage Solutions maintains relationships with not only the industry leaders, but also the most innovative technology leaders. We take pride in our diligence in evaluating the available strategies, methodologies and technologies to always improve on service levels, while reducing our customers' costs.

