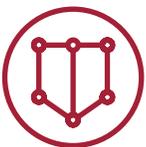


TORONTO WEST (HORNER) DATA CENTER

APTUM DATA CENTERS: SCALABLE, FLEXIBLE, RELIABLE

Count on the Horner Data Center as part of your ideal hybrid colocation infrastructure

Located in Etobicoke area next to Toronto, Ontario, the Horner Data Center provides a single solution for all of your **colocation**, cloud and connectivity needs with complementary managed services for enterprises requiring fully managed primary and secondary colocation with built-in business continuity and disaster recovery services. Our flexible colocation options allow you to house your own servers and equipment within the data center, ensuring your IT infrastructure can be up and running in a fraction of the time it would take to set up in-house. Aptum's Horner Data Center features enterprise-class infrastructure with power redundancy, 24x7x365 monitoring, biometric access control and video surveillance.



PURE COMPLIANCE FOR TOTAL PEACE OF MIND

The Horner Data Center is SOC 1 Type II certified and PCI v3.2 compliant for colocation services. It's also built to meet or exceed all Tier II standards. Every measure has been taken to secure sensitive financial data and card transactions.



ULTIMATE REDUNDANCY FOR 100% UPTIME

We offer a 100% uptime guarantee, which is backed by an industry-leading service-level agreement (SLA). To meet this guarantee, the Horner Data Center's key systems such as the power supply, fire suppression system, internet connectivity, core routers and cooling units all have a minimum of N+1 redundancy.

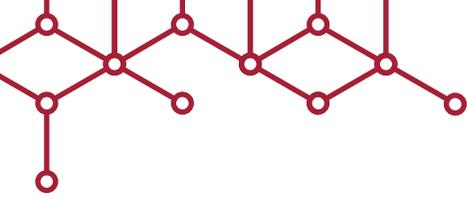


FAST SPEEDS MEET RELIABLE SERVICE

From the Horner Data Center, your data moves globally on our **FastFiber Network[®]** through 48,000 km. of fiber spanning the world. Our Network Operations Center (NOC) routes your traffic around latencies 24x7x365. And since business hours are no longer nine-to-five, the Horner Data Center staff provides 24x7x365 technical support.



If you're seeking proven scalability, flexibility and reliability, count on the Horner Data Center for your colocation needs.



BUILDING DETAILS

- Data center operational capacity: 40,000 sq. ft.
- Under floor cabling system with trays
- Cage space available (minimum 200 sq. ft., 6 cabinets)
- Located approximately 15 km. from Toronto Financial district downtown Montreal, ideal secondary site for disaster recovery and off-site backup requirements

COOLING

- N+1 redundancy on all mechanical components
- Double interlocked pre-action dry pipe fire suppression system
- Hot/cold containment available for individual highdensity cabinets through heat removal door
- Data hall 1 & 2 with closed loop glycol CRAC units with individual dry coolers on the roof; data hall 3 with centralized chiller units with air handling units (also available with free cooling mode)

SECURITY

- Centralized Card Access Control System with Dual Factor Biometric Authentication
- 24x7 security
- Full access control system with proximity card readers
- Advanced video surveillance, 90 days of video retention
- Man trap, secure turnstile access

POWER

- N+1 mechanical infrastructure
- Primary utility feed of 4MW
- All components are N+1 redundancy on UPS: Data hall 1 – APC Symmetra 80 kW and 250 kW; Data hall 2 – 450 kW Liebert 610; Data hall 3 – Liebert 675 kW NXL
- 1 x natural gas and 2 x diesel generators with N+1 redundancy
- 2.5MW Diesel, 2.225MW Diesel and 2MW Natural Gas
- Adequate fuel storage for minimum of 54 hours on full load, available natural gas generator to supplement & increase runtime if req'd
- Cabinet power is 3 phase 208V 30A – monitored through in-cabinet PDU

COMPLIANCE

- SOC 1 Type II audited for colocation services
- PCI v3.2 certified for colocation services

CONNECTIVITY

- Carrier-neutral
- Direct access to low-latency, reliable and redundant connectivity
- Two diverse building entry points for fiber connections
- Carrier Meet-Me Rooms for colocation of carrier network equipment and Aptum network equipment
- All network equipment is on dedicated UPS/battery backup to ensure uptime

EMERGENCY PREPAREDNESS

- 24x7 Network Operations Center (NOC) on-site
- 24x7 Smart Hands & Eyes availability for customers' technical assistance needs
- Generator power backup in the event of a power outage
- Disaster recovery requirements supported by Aptum NOC located in the GTA

AMENITIES & FAQs

- Customer lounge area available
- Loading bay/dock
- Free parking available
- Shipping and receiving service
- Free Wi-Fi

ADDITIONAL SERVICES

- [Connectivity Services](#)
- [Professional Services](#)
- [Security Services](#)



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DATA CENTERS

50+
POINTS OF PRESENCE

48,000 KM
INTERNATIONAL FIBER NETWORK

3,400 KM
FIBER METRO NETWORK

1,800+
ON NET BUILDINGS

Horner Data Center
Toronto, Ontario

LEGEND

- Data Centers
- Points of Presence
- FastFiber® Network

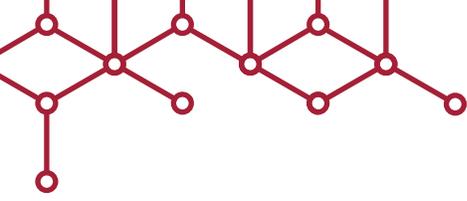
> DATA CENTER
> CLOUD
> HOSTING
> CONNECTIVITY
> FIBER
> PROFESSIONAL SERVICES

BUILDING SPECIFICATIONS

HEIGHT MEASUREMENTS	
Slab-to-Slab	22 ft.
Ceiling	15 ft. from raised floor to drop ceiling
Raised floor	31 in.

DESIGN FLEXIBILITY	
Space configuration	Rack/Cabinet
Module	30" W x 42" D (APC AR3150)
Cabinets available	Up to 42RU
Floor load	2,000 lbs. per tile = 500 lbs. per sq. ft. Heavy duty available to 1000 lbs. per sq. ft.

** Cage space available on request and approval. Custom cabinet sizes possible.*



Why Aptum Colocation Services?

INTERNATIONAL FOOTPRINT

Spanning North America and Europe, our international footprint of 14 data centers is seamlessly connected, allowing you to access, manage and move large amounts of data worldwide on our wholly-owned, all-optical network and **FastFiber Network®**.

COMPLIANT AND SECURE

When it comes to security, we exceed every standard. Our Privacy Shield certification enables us to legally transfer personal data from the EU to the United States while meeting EU data protection requirements.

FLEXIBLE AND SCALABLE

In the world of colocation, scalability means the ability to add power, cooling and space as required and on demand, including advanced connectivity options. Our colocation facilities offer sufficient density capabilities, allowing you to upgrade in place as your infrastructure requirements grow.

ALWAYS THERE FOR YOU

Our global Network Operations Center (NOC) experts support customers 24x7x365, continuously monitoring and rerouting data for optimal low-latency routes. Likewise, our Smart Hands & Eyes services provide you with a team of highly trained IT professionals to assist with the day-to-day maintenance of your missioncritical infrastructure, also available 24x7x365.

Important workloads demand security, availability, compliance and connectivity. Aptum is a colocation partner you can count on to deliver it all.

TO LEARN MORE ABOUT HOW OUR SERVICES CAN HELP YOUR ORGANIZATION, PLEASE VISIT:

info@aptum.com
aptum.com

ABOUT APTUM TECHNOLOGIES

Aptum Technologies enables customers to unlock the potential of their data infrastructure to drive tangible business outcomes and maximize the value of their technology investments. Aptum's Data Center, Cloud, Hosting and Connectivity solutions, underpinned with expert Managed and Professional Services, offer genuine choice and adaptability combined with international reach spanning North America, Latin America and Europe. In Canada, through its Fiber business, Aptum is the first neutral host provider of turnkey small cell connectivity, augmenting an extensive metro network across Toronto and Montreal. Aptum is a portfolio company of Digital Colony, a global investment firm dedicated to strategic opportunities in digital infrastructure. For more information, visit www.aptum.com.