

# APTUM DATA CENTERS: SCALABLE, FLEXIBLE, RELIABLE BARRIE DATA CENTER

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

This highly secure, modern data center provides the perfect combination of hybrid cloud and **colocation** solutions, with flexible options for business continuity and disaster recovery. Aptum's Barrie Data Center offers reliable colocation with managed cloud, hosting, security and diverse low latency connectivity enabling a reliable platform for your critical business applications. Built to exceed Tier III standards and audited against multiple compliance standards for colocation services (see Compliance section for complete list), Aptum's Barrie Data Center is ideally located within 100 kilometers of downtown Toronto and is perfectly suited for customers seeking choice for fully managed primary and secondary colocation services. This carrier-neutral facility features enterprise-class infrastructure with power redundancy, biometric access control, 24x7x365 monitoring, video surveillance and security.



### TIER III+ STANDARDS

This highly secured data center was assembled to Tier III+ design specifications and is SOC 2 Type I audited for colocation services.

It features enterprise-class infrastructure with a variety of connectivity options from our **FastFiber Network®** spanning 48,000 km, with more than 50 points of presence to ensure always-on connectivity.



### FULLY MANAGED COLOCATION

Not all IT loads are created equal. Barrie offers the ultimate hybrid combination of cloud and colocation infrastructure, with complementary managed IT and connectivity services including Aptum Smart Hands & Eyes to assist customers with managing the day-to-day support.



### CONVENIENCE & CONTINUITY

Situated less than 100 km from downtown Toronto, the Barrie Data Center's location makes disaster recovery and business continuity the epitome of convenience. And with massive power capacity, it provides flexible space options to expand to meet your growing IT requirements.



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



## BUILDING DETAILS

- Data center operational capacity: 30,480 sq. ft.
- 3 independent data center modules, built within a concrete block foundation
- Storage facilities available (temporary or contracted)
- Custom cage space available

## COOLING

- N+1 or greater redundancy on cooling units
- Redundant power provisioning and mechanical systems for continuous cooling
- Free air cooling systems provide efficient and Eco-friendly cooling while maximizing PUE

## SECURITY

- Centralized Card Access Control System with Dual Factor Biometric Authentication with Iris Scan
- 24x7 on-site security presence
- 24x7 unescorted customer access
- Advanced video monitoring – exterior grounds, entrance, corridors and critical infrastructure
- 3-number combination Cabinet Lock System (optional card access security control)
- Mantraps eliminating tailgating into secure areas
- Secure turnstile access to Data Hall corridor

## POWER

- Served by a different power grid than the GTA
- N+1 electrical and mechanical infrastructure
- Primary utility feed of 10 MW
- Continuous UPS power conditioning for improved performance and longevity of load side systems
- VLRA battery (Valve Regulated Lead-Acid Battery)
- All Data Halls supported by generators, N+1 configuration
- Dual switchboards provide two active power distribution paths and maintenance isolation
- Cabinets are powered with dual 240V PDU's
- Cabinet power provided by 2 PDU's configured with (36) IEC C13 and (6) IEC C19 receptacles per PDU
- Low to High Density

## COMPLIANCE

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

## CONNECTIVITY

- Carrier-neutral
- Direct access to low latency, reliable and redundant connectivity
- 2 diverse entry points managed and owned by Aptum for fiber connections
- 2 diverse Carrier Meet-Me Rooms for colocation of carrier network equipment and Aptum network equipment
- Multiple discrete communications paths and cross connect points provided to customer cabinets
- All network equipment is supported by UPS and generator power systems

## EMERGENCY PREPAREDNESS

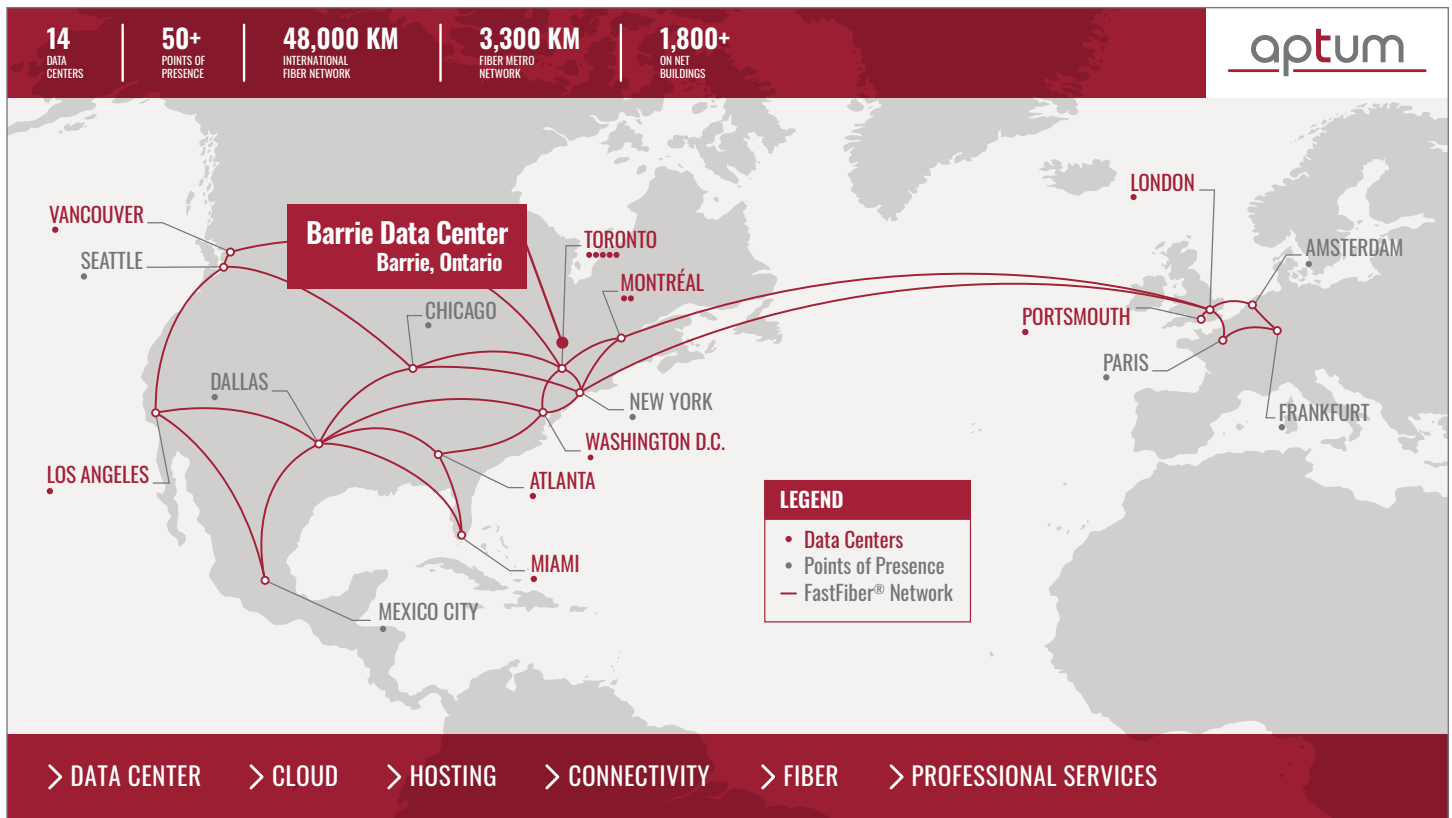
- 24x7 Data Center Operations (DCO) on-site staff
- 24x7 Smart Hands & Eyes availability for customers' technical assistance needs
- Generator power backup in the event of a power outage
- Network Operations Center (NOC) located in the GTA for disaster recovery requirements
- Diesel fuel via 2 separate fuel suppliers, adequate fuel storage for minimum of 72 hours

## AMENITIES & FAQs

- Access to workstation space and conference room
- Shared customer lounge area
- Loading bays (Ground Level Loading dock)
- Shipping and receiving service
- Free parking, close proximity to restaurants and shopping

## ADDITIONAL SERVICES

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



## BUILDING SPECIFICATIONS

HEIGHT MEASUREMENTS	
Slab-to-Slab	22 ft.
Ceiling	12 ft. from raised floor to drop ceiling
Raised floor	Module 1: 14 in. Module 2: 18 in. Module 3: 36 in.

DESIGN FLEXIBILITY	
Space configuration	Rack/Cabinet
Module	24" W x 42" D x 78.5" H (42 RU) 24" W x 48" D x 84" H (45 RU)
Cabinets available	42RU – 48RU
Floor load	1,500 lbs. per tile = 375 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 12 colocation 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](mailto:info@aptum.com)  
[aptum.com](http://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](http://www.aptum.com).