

BITWRX DATA CENTER PLATFORM

Scalable. Connected. Reliable.

The unified data center platform built to power Canada's digital future. Colocation, interconnection, compute, and managed services in one place.

6+

CANADIAN DCs

59MW

TOTAL CAPACITY

100+

CARRIERS ONSITE

99.999%

SLA UPTIME

[ABOUT BITWRX](#)

A unified data center platform. Built for Canada.

Bitwrx is a Canadian data center company providing the digital backbone for enterprises, hyperscalers and the public sector. Six Tier III facilities across six metros deliver carrier-neutral colocation, on-ramp connectivity to every major cloud, AI-ready high-density compute, and 24/7 managed services — under one operating model.

Whether you need a single cabinet or a multi-MW campus, Bitwrx provisions, operates and supports your infrastructure to financial-services-grade SLAs while keeping data residency, sovereignty and compliance fully Canadian.

CORE**Colocation**

Tier III · Scalable

CONNECT**Connectivity**

Cloud + carrier

COMPUTE**Bare Metal & PC**

AI / HPC ready

MANAGED**Operations**

24/7 NOC + SOC

[WHY BITWRX](#)

Built for the next decade of compute.

- Carrier-neutral by design — 60+ networks, every major cloud on-ramp
- AI-ready high density up to 50kW/rack with direct liquid cooling rows
- Quebec hydro & Alberta industrial power — among the lowest PUEs in NA
- Canadian data residency: PIPEDA, PROTECTED B, Quebec Law 25
- Single contract, single SLA, six metros — coast to coast

OUR FOOTPRINT

Six Tier III sites. Coast to coast.

Bitwrx operates six Tier III facilities across Canada's most-connected metros. Each is carrier-neutral, on-net to every major cloud, and certified to SOC 2 / ISO 27001.

| CODE | CITY | PROV | POWER | DENSITY | TIER | SLA | PROFILE |
|------|---------------|------|-------|---------|------|---------|----------------------------------|
| YYZ1 | Toronto | ON | 12MW | 20kW | III | 99.999% | Carrier-rich · 60+ networks |
| YYZ2 | Toronto North | ON | 18MW | 50kW | III | 99.999% | AI-ready · liquid cooling |
| YUL1 | Montreal | QC | 10MW | 40kW | III | 99.999% | Hydro-powered · PUE 1.18 |
| YVR1 | Vancouver | BC | 8MW | 30kW | III | 99.99% | Pacific gateway · APAC transit |
| YYC1 | Calgary | AB | 6MW | 30kW | III | 99.99% | Energy corridor · low-cost power |
| YOW1 | Ottawa | ON | 5MW | 25kW | III | 99.999% | Federal-grade · PROTECTED B |



PRODUCTS & SERVICES

One platform. Every workload.

Colocation

Rack, cage and suite deployments in any Bitwrx site. Redundant A+B power, N+1 cooling, BICSI-trained smart hands 24/7.

- Single U to entire suite
- 2N power, N+1 cooling
- Carrier-neutral cross-connects
- Cage build-outs

Bare Metal

Dedicated, single-tenant servers provisioned in minutes. Hourly or monthly billing, full IPMI, private VLANs.

- Latest Xeon / EPYC SKUs
- NVMe, DDR5 standard
- Up to 8x H100 / MI300X GPUs
- 10/25/100G dedicated NICs

Private Cloud

Isolated, secure compute on dedicated hosts. Bring your own hypervisor or use ours. Egress flat pricing.

- VMware, OpenStack, Proxmox
- Hardware-isolated tenancy
- BYO license or bundled
- Flat egress pricing

Managed Hosting

We run the stack — OS, hypervisor, network, application, backups. SLO-backed. You own the outcome.

- 24/7 NOC + SOC
- Patching & hardening
- DR & backup orchestration
- FinOps optimization

COMPLIANCE

Trusted infrastructure. Audited continuously.

SOC 2 Type II

Security, availability, confidentiality — annual audit by Big 4 CPA.

ISO 27001

Information Security Management System certified across all sites.

PCI DSS L1

Card-handling environments segregated to Level 1 standard.

PIPEDA

Canadian privacy law compliance built into every workflow.

Quebec Law 25

Data residency and consent management for QC workloads.

PROTECTED B

Personnel and facilities cleared for federal Protected B data.

TALK TO SALES

Ready to launch in Canada?

Get a tailored design + quote within one business day.

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