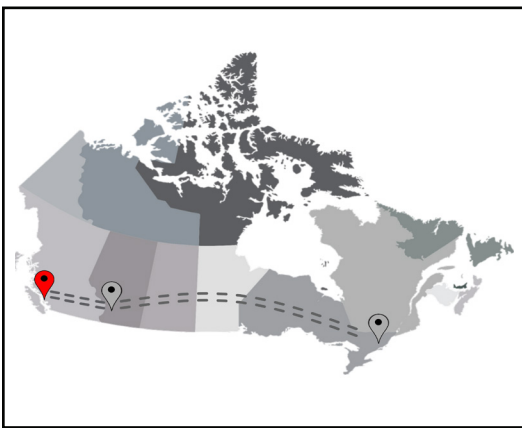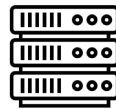# Secure, compliant Canadian data centers to co-locate your infrastructure, private or public cloud.

Our Uptime Institute Tier III designed and certified data centers guarantee 100% uptime, eliminating the day-to-day grind of IT maintenance, upgrades and security concerns. With data centers located in eastern, central and west coast Canada, interconnected with redundant fiber network, provides customers with fast, direct connectivity across Canada.

Co-Location

Secure your infrastructure and data in a safe, guarded facility. Ensure uptime by eliminating the risk of overheating, power or network outages. Easily scale your infrastructure for the future, leveraging full-rack, multiple-rack private suites and cross connectivity to the Mattawa IT Solutions Cloud IaaS.

Private Cloud

Private cloud builds with optional data center cross connect or MPLS to Mattawa IT Solutions Cloud IaaS including Express Route for Azure. Available as a fully managed private cloud infrastructure including all warranty, OS and other software licensing, hardware maintenance, firmware and virtualization level updates & patching.

Public Cloud

Lower costs by shifting to a predictable, monthly OpEx model with pubic cloud builds from Mattawa IT Solutions. Improve operational efficiency with fully elastic compute resources deployed on enterprise grade virtual infrastructure that can be provisioned in minutes. Empower IT professionals to focus on strategic initiatives rather than equipment maintenance.

Managed public, private and hybrid deployments available.

MATTAWA
IT SOLUTIONS

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DATA CENTERS OVERVIEW

Mattawa IT Solutions data centers are highly secure, redundant and compliant facilities equipped to handle the high-power density of today's servers while delivering the bandwidth and low latency your business needs to remain agile and competitive.

Management

- Trained technical staff
- 24/7 monitoring
- Dedicated on-site access control system
- Vital infrastructure and environmental controls

Security

- CCTV surveillance
- Multi-zoned, fire suppressant system
- Sophisticated alerting and monitoring equipment
- Multi-factor, biometric security access

Cooling

- Outside ambient air cooling, evaporative cooling and mechanical chilling systems with N+1 redundancy
- Steam and ultrasonic humidification systems

Power

- Redundant power grid feeds
- A/B Power to every cabinet
- N+1 UPS and continuous run diesel generators

Connectivity

- Multiple fiber entrances
- Multiple Tier 1 carriers present with failover
- 1Mbps to multi-gigabit transit services available

Data Center Specifications			
Specification	**East**	**Central**	**West Coast**
Size	20,000 sq.ft	41,000 sq.ft.	42,000 sq.ft.
Power & Cooling	5 Mega Watt (upgradeable to 10), redundant UPS & continuous runtime generators able to provide over 2MW of power. 330 Tons of N+1 redundant cooling.	9 Mega Watt, redundant UPS & continuous runtime generators able to provide over 2MW of power. N+1 redundant cooling.	5 Mega Watt, redundant UPS & continuous runtime generators able to provide over 4MW of power. N+1 redundant cooling
Security & Fire Suppressant	Dual credential biometric man trapped access checkpoints, card access and CCTV. Novec 1230 clean agent fire suppression system.	Dual credential biometric man trapped access checkpoints, card access and CCTV. Novec 1230 clean agent fire suppression system.	Dual credential biometric man trapped access checkpoints, card access and CCTV. Novec 1230 clean agent fire suppression system with VESDA. $5 million in seismic upgrades.
Certifications	UTI Tier III Certified SSAE 18 Type II, SOC1, SOC2, SOC3 CSAE 3416 Type II, CSAE 5025 ISAE 3402, ISAE 3000 GLBA PCI DSS ISO 27001 Government of Canada Protected B	UTI Tier III Certified SSAE 18 Type II, SOC1, SOC2, SOC3 CSAE 3416 Type II, CSAE 5025 ISAE 3402, ISAE 3000 GLBA PCI DSS ISO 27001	UTI Tier III Specified SSAE 18 Type II, SOC1, SOC2, SOC3 PCI DSS ISO 27001 HIPAA