

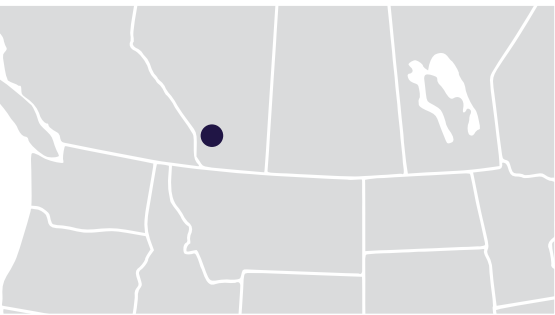


Highly reliable. Highly secure and ready when you are.

Western Canada's largest data centre campus with the ability to scale to over 275,000 square-feet and over 16 MW of redundant customer capacity.

Located in Calgary's South East, the site is easily accessible from the airport and all major routes from downtown. Safely located outside of environmental threat areas, and designed with Q9's industry leading reliability and performance, it offers total peace of mind for all your critical IT environments and is well suited to deliver high availability and fault tolerant data centre services all backed by Q9's 100% power and network availability SLA.

The site is also connected through redundant and diverse high capacity fibre routes to both Q9's Calgary One and Calgary Two locations offering connectivity options to support synchronous replication and active/active data centre strategies for customers located in multiple locations.



**CALL US TO BOOK
A SITE TOUR TODAY.**

**SALES: 1-888-696-2266
EMAIL: SALES@Q9.COM
WEBSITE: WWW.Q9.COM**



A DIVISION OF BELL CANADA

Specifications

SITE DETAILS

- Dedicated low-rise single-story building with 177,500 sq. ft. of total gross floor area
- On-site expansion capabilities to support an additional 100,000 sq.ft. building
- Insulated pre-cast concrete panel and steel construction
- 16.3 MW of overall capacity within 10 internal data halls

SPACE OPTIONS

- Fully dedicated and secured full cabinets
- Custom secured dedicated cage space
- Wholesale capacity

RAISED FLOOR

- 68,300 sq. ft. of current and planned raised floor space within 5 data halls in the existing building
- 50,000 sq.ft. with 5 additional raised floor through on-site expansion capabilities.
- 36" height

COMPLIANCE

- SOC 1 (SSAE-16/CSAE-3416/ISAE-3402) type 2 audits
- PCI DSS certified for physical security standards
- ISO 27001 & SOC 2, type 2 (pending completion Q4 2016)

POWER

- 100% power availability SLA
- 25 kV feeder (with ability to expand) connected into Q9 owned and maintained transformers
- Scale to 16.3 MW of critical capacity
- Multiple active (A+B) power paths to all customer racks/cabinets each from independent UPS
- Multiple standby generators maintained to a minimum of N+1 redundant
- Redundant UPS maintained to a minimum N+1 redundancy
- Autonomous data centre power design for all internal data halls
- Minimum 24 hour run time at full capacity
- Refueling arrangements with multiple fuel providers

HVAC/ENVIRONMENTAL

- Environmental conditions maintained within ASHRAE standards
- Redundant and fault tolerant cooling design in all data halls
- Hot aisle/cold aisle design
- Free-cooling for specific data halls

FIRE PROTECTION

- Multiple VESDA units in a cross-zoned configuration
- Smoke and heat sensors
- Double inter-lock dry pipe pre-action sprinkler system
- Clean agent extinguishers throughout.
- Overhead clean agent gas suppression in mechanical areas

SECURITY

- 24x7 on-site uniformed security staff
- 24x7 Centralized Security Coordination Centre
- Extensive network of video surveillances
- Multiple security zones with 2-factor biometric authentication to data centre
- 2-factor biometric access control to customer enclosures with security access reporting
- Full customer control for the security access of their employees or other agents
- 24 x 7 unannounced access for authorized individuals

CONNECTIVITY

- 100% network availability SLA
- Q9 operated redundant and diverse fibre connectivity to Calgary One and Calgary Two
- Multiple, diverse network entrances
- Multiple diverse internal distribution frames for each data hall
- 6 carriers POPs including Bell, Allstream, TELUS, Shaw Business, Shaw Envision, Axia

SHIPPING/RECEIVING

- Multiple dedicated loading bays to accommodate full sized trailers
- 24x7 shipping/receiving capabilities

SUPPORT

- 24x7 Control Centre
- 24x7 on-site Data Centre Technicians
- 24x7 Security Coordination Centre
- Included Emergency Hands and Eyes service
- Available On-site Support Services (OSS)
- Access to Q9's on-line Q9 Control Panel for full-service administration

AMENITIES

- On-site free parking
- Guest workstations
- Washrooms
- 2 large conference room
- Kitchen/Breakroom