



# 1 Century Place

VAUGHAN, ONTARIO



DIGITAL REALTY



## Why 1 Century Place?

Just outside the city of Toronto in nearby Vaughan, 1 Century Place spans over 66,000 square metres (711,000 square feet) with a critical power capacity of up to 46 megawatts.

Boasting Digital Realty's newest design, the Toronto data centre offers the best in flexibility and performance. 1 Century Place features 23 computer rooms ranging from 800 to 1,200 square metres (8,600 to 13,000 square feet) and can accommodate power capacities between 1.0 and 3.0 megawatts per room. Resiliencies range from N to 2N with a power density range of 1,076 to 3,228 watts per square metre (100 to 300 watts per square foot).

Engineered to deliver a Power Usage Effectiveness of 1.25 annualized at full capacity, 1 Century Place is on track to be one of Canada's most advanced data centres, delivering top efficiency and reliability to Toronto's thriving business community.

### Building

- Up to 46.0 MW
- 66,000 m<sup>2</sup> (711,000 SF)
- 177,010 m<sup>2</sup> (43.74 acres)

### Power & Cooling

- Design PUE of 1.25 at full capacity annualized
- Scalable and flexible densities ranging from 1 to 3 MW of critical IT capacity in each computer room

### Flexibility

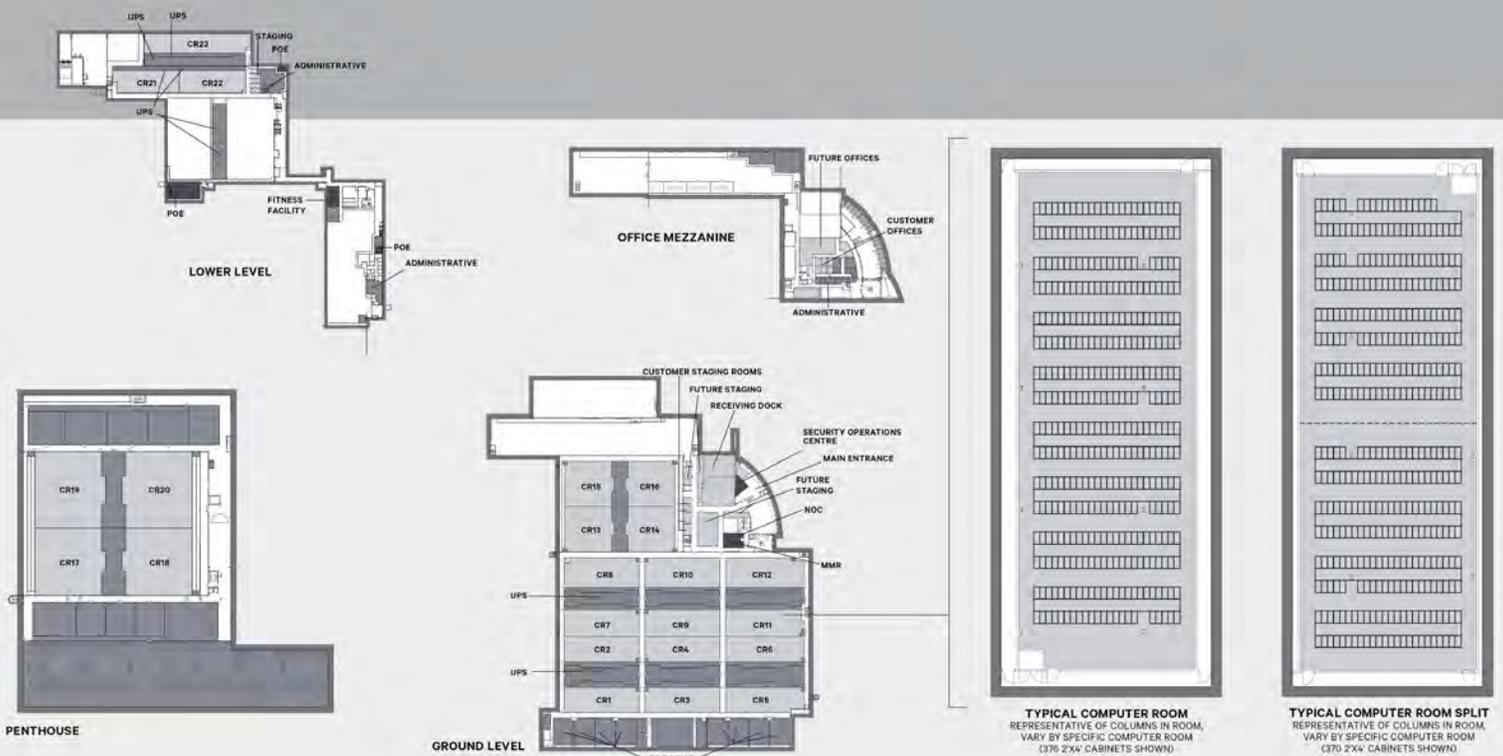
- Slab floor for increased weight capacity
- PDUs housed off the computer room floor for added usable floor space
- Variety of redundancies, ranging from N to 2N

### Security

- 24 x 7 x 365 security officers
- CCTV surveillance cameras
- Two-factor authentication and biometrics access

### Connectivity

- Carrier-neutral
- Three separate network Points of Entry (POE) with diverse underground duct banks
- Meet-Me-Room (MMR) available
- Dark fibre available



## Facility Specs

### Property

- Location: Vaughan, ON
- Acreage: 177,010 m<sup>2</sup> (43.74 acres)
- Building Size: 66,000 m<sup>2</sup> (711,000 SF)
- Nearest Airport: Toronto Pearson International Airport (YYZ)

### Building Description

- Utility Power: 27.6 kV
- Parking: 600+ spaces
- Number of Stories: Four
- Loading Docks: One, with four dock bays

### Computer Room Specifications

- Computer Room Size:
- 800 - 1,200 m<sup>2</sup> (8,600 - 13,000 SF)
- Critical Power Capacity:
- 1 to 3 MW
- Containment: Required

### Data Center Area Description

- Computer Room Floor: 21,000 m<sup>2</sup> (226,000 SF)
- Number of Computer Rooms: 23
- Raised-Floor Height: N/A (slab floor)
- Computer Room Floor-to-Ceiling Height: 3.9m (13')

### Amenities

- Office: Eight pre-constructed offices, with flexible space for custom requirements
- Staging: Eight+ rooms
- Miscellaneous: Wi-Fi, conference rooms, breakroom, fitness facility and shower room with lockers

### Security

- Building and Perimeter: Fully monitored by CCTV cameras and security officer patrols
- Security Officers: 24 x 7 x 365
- Access Control: Electronic security features with access card entry and dual authentication with biometric readers
- CCTV: Yes (minimum 95-day video retention)

### Critical Power

- Total Megawatts: Up to 46.0

### UPS Systems

- Up to four 1 MW static UPS modules can serve a computer room
- Redundancy: Multiple configurations available, such as N, N+1, 2N, etc.

### Generators

- Phase 1: Up to sixteen 2.5 MW diesel engine generators
- Redundancy: N+1 at full leased load

### Onsite Fuel Capacity

- Storage Tanks: Phase 1: Four 130,000 liter (35,000 gallon) underground fuel storage tanks
- Fuel Run Time: Minimum 48 hours

### Heat Rejection Systems (HVAC)

- Low PUE, waterless cooling systems with economization
- Redundancy: N+1

### PDUs

- Voltage: 415/240 V
- Redundancy: Multiple configurations available, such as N, N+1, 2N, etc.

### Communications

- POE: Three separate network POEs with diverse underground duct banks leading into the facility
- Conduits: Dedicated overhead conduits to each computer room
- Multiple Carriers: Digital Realty is carrier-neutral
- Meet-Me-Room: Available
- Dark Fibre: Diverse dark fibre available

### Fire Protection

- Double interlocked pre-action sprinkler systems with VESDA monitoring system standard

#### FOR LEASING INFORMATION

For a tour of our facility, complimentary IT infrastructure consultation or sales information, call or email us at:

#### SALES

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#### ABOUT DIGITAL REALTY

Digital Realty supports the data center and colocation strategies of firms across its secure, network-rich portfolio of data centers located throughout North America, Europe, Asia and Australia. Digital Realty is uniquely positioned to deliver interconnectivity with a complete range of solutions on a global scale. Our customers trust the Digital Realty team to combine unparalleled collaboration, network-dense interconnection and real estate acumen to realize the unique power of community - from one rack to hyperscale - across the globe.



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