DOWNTOWN SEATTLE
Data Center
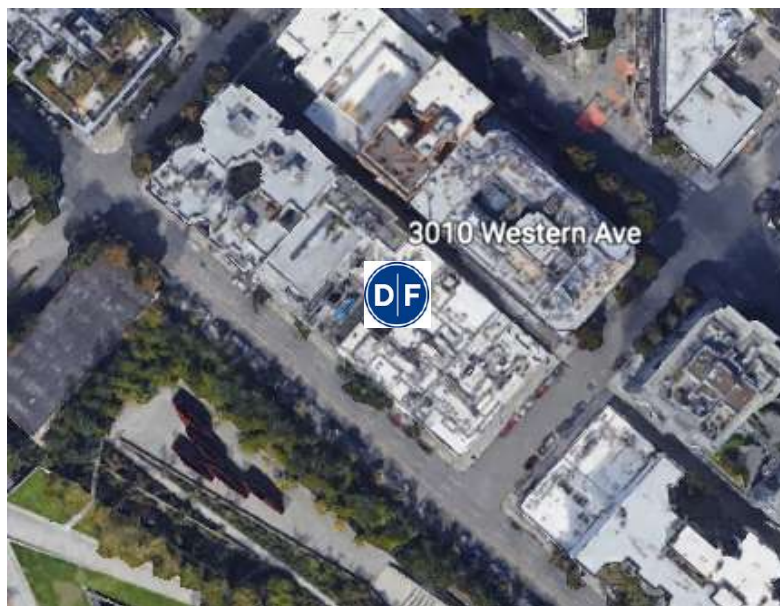
3101 Western Ave.
Suite C
Seattle, WA 98121

+1.201.388.5038
jhoan.checo@dfcolo.com

Digital Fortress Downtown Seattle Data Center

Digital Fortress acquired a new facility in downtown Seattle, Washington which is available for immediate occupancy with 3MW of available power on an N+1 concurrently maintainable configuration.

The 24,000 sq.ft. facility has 23,000 sq. ft. of raised floor data center space, available as private cages or suites.

The facility is convenient to the core business district (CBD) and has direct connections to the Westin and the Seattle Internet Exchange (SIX).

Quick Facts

- Seismic-Zone 3 critical rated
- 96% of energy derived from clean, hydro-electric power
- Low industrial electricity rate
- Tier II with Tier III attributes design in all critical systems with a redundant hydronic loop

Amenities

- Office space
- Full-sized loading dock
- Customer touch-down area
- Wireless services
- Common kitchen and restrooms
- 24/7 NOC
- Secure storage
- Dedicated parking available

DOWNTOWN SEATTLE DATA CENTER SPECIFICATIONS

BUILDING

Space

Data center	24,000 sq. ft. facility
	23,000 sq. ft. raised floor
Building Type	Multi-floor design
Structural steel construction	
Commercial space purpose built for data centers	

FACILITIES

Power density	3 MW single feed city loop highly resilient
Battery room	VRLA Batteries for power transfer
Generators	3 MW of diesel generator power
Power configuration	N+1 uninterruptible supply
UPS configuration	N+1 concurrently maintainable
Cooling	300 tons of CHW cooling
Fuel	6,000 gallons on site 24 hours of runtime at full load

SECURITY

- 24/7 NOC Technicians
- 24/7 monitoring
- 24/7 key card access
- 24/7 camera surveillance and 90 day video retention
- On-site security
- CCTV with closed circuit monitoring in all NOCS
- Controlled access
- Access with biometric entry

FIRE SUPPRESSION

- VESDA smoke detection
- FM-200 clean agent gas suppression fire system
- Pre-action dry pipe fire suppression in data center
- RFID monitoring with threshold SLA notifications

CAPABILITIES

- Dedicated cabinets
- Dedicated cages
- Dedicated suites

COOLING

- N+1 cooling redundancy
- Cold aisle containment

ELECTRICAL DISTRIBUTION

3 SYSTEMS EACH

- 3 MW capacity
- AC protected power
- 3 diesel generators total 3 MW
- High density cabinets up to 10 kW
- N+1 UPS design

NETWORK CONNECTIVITY

- Controlled, carrier neutral Meet-Me-Room
- Diverse selection of Tier I and Tier II providers
- Fully meshed BGP network with IPv4 and IPv6 available
- Private 10G dark fiber ring between all Washington datacenter locations
- Multiple 10 Gig-E connections
- Direct connections to regional and global carriers with a pop in the Westin and Seattle Internet Exchange (SIX)
- Diverse fiber entry points and fiber risers
- Carriers: AboveNet, AT&T, CenturyLink, Cogent, Comcast, Level 3, Spectrum/Wave Broadband, Sprint, Verizon, XO Communications and Zayo

DESIGN & COMPLIANCE

- Type II SOC1 & SOC2, HIPAA and PCI compliant
- Diesel generators load bank tested annually (3.0 MW)
- Tier II with Tier III attributes design in all critical systems with redundant hydronic loop
- Annual sampling and inspection of all diesel fuel for generator tanks
- Seismic Zone 3 construction
- 24" raised floor with underfloor leak and smoke detection
- Antenna roof rights available
- Full sized loading dock with easy data center access
- Raised floor load 1250 PSF
- Walls: Exterior - cast concrete
          Interior - cast concrete