



## SOUTH SEATTLE DATA CENTER SPECIFICATIONS

### SOUTH SEATTLE Data Center

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#### Digital Fortress South Seattle Data Center

Digital Fortress acquired a new facility in south Seattle, Washington which is available for immediate occupancy with 4MW N+1 available power.

The 45,600 sq. ft. facility has 26,400 sq. ft. of white space available for private cages and private suites.

The colocation facility is situated in Seattle's "Intergate West Campus" - part of the largest Internet Campus in North America.



#### Quick Facts

- Seismic-Zone 3 Critical rated
- 90% of energy derived from clean, hydro-electric power
- Tier II N+1 design in all critical systems

#### Amenities

- Private conference rooms
- Common kitchen and restrooms
- Customer touch-down area
- Wireless services
- Secure storage
- 24/7 NOC
- Dedicated parking garage

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## BUILDING

### Space

Data center 45,600 sq. ft. facility  
26,400 sq. ft. white space

Building Type Multi-floor design

Concrete purpose-built construction

Commercial space purpose built for data centers

## FACILITIES

Power density	4 MW single feed
Battery room	VRLA Batteries for power transfer
Generators	4 MW of diesel generator power
Power configuration	N+1 uninterruptible supply
UPS configuration	N+1 concurrently maintainable
Cooling	608 tons of cooling
Fuel	6,000 gallons on site
	24 hours of runtime at full load

## SECURITY

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

## 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

- 608 tons of cooling
- N+1 cooling
- Hot/cold aisle containment

## ELECTRICAL DISTRIBUTION 3 SYSTEMS EACH

- 4 MW capacity
- AC and DC protected power
- 3 diesel generators total 4 MW
- True "A" and "B" UPS
- High density cabinets up to 12kW

## 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 data center 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, Level3, Spectrum/Wave Broadband, Sprint, TW Telecom, Verizon, XO Communications and Zayo

## DESIGN & COMPLIANCE

- Type II SOC1 & SOC2, HIPAA and PCI compliant
- Diesel generators load bank tested annually (4.0 MW)
- Tier II N+1 design in all critical systems
- Quarterly sampling and inspection of all diesel fuel for generator tanks
- Seismic Zone 3 construction
- Outside the 500 year flood plain and significant rising water
- Slab and 18" raised floor with underfloor leak and smoke detection
- Antenna roof rights available
- Raised floor load 1250 PSF
- 2500 PSF concrete slab on grade
- Walls: Exterior - cast in place  
Interior - mix of stud, sheetrock