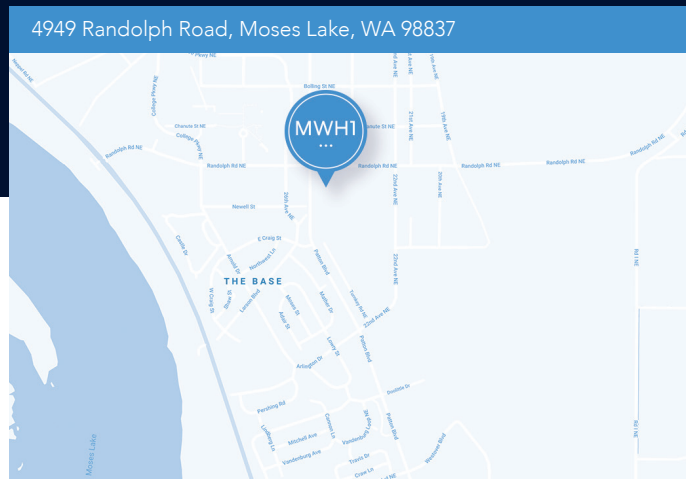


MWH1 Campus Specifications

Moses Lake, Washington



MARKET SUMMARY

The Moses Lake campus in Central Washington provides colocation solutions and access to multiple network providers

The facility was built to maximize security, resilience, utility and spend. This remote data center takes advantage of free air-cooling and hydropower and a low-risk location, making it an ideal spot for disaster recovery and non-latency sensitive workloads.

The abundant hydroelectric power available in Central Washington provides more than 85 percent of the utility power supplied to this facility. This makes it not only a low carbon footprint hosting solution but also one of the most cost-effective colocation options in North America. The data center will have an initial five megawatts but will ultimately support up to 80 MW of IT load.

DATA CENTER CAMPUS SUMMARY

This is a building with a storied history. It is one of the first purpose-built hardened data centers ever built. It initially served as a North American Air Defense Command Direction Center from 1958-1963. It housed an IBM S.A.G.E. computer system used to monitor and coordinate US air defense in the early years of the Cold War.

Recently, it has under gone a complete refit to build out a fully modern and highly resilient data center. Power is delivered from an adject power sub-station with a potential of 120 MW of available utility power. The closest airports are Spokane International (2 hours) and Seattle-Tacoma International (3 hours).



MARKET BENEFITS

Hardened purpose-built data center with N and N+1 resiliency options and access to 120 MW of utility power

Low-cost, green power provided by hydro-electric stations on near-by Columbia River

Ideal location for web-scale and disaster recovery platforms with low risk of natural disaster, high desert climate, and low-cost power

Compliance with SSAE18 SOC-1, ISO 27001, PCI DSS, and NIST 800-53PE standards

Uptime Institute M&O Stamps of Approval

Connectivity to 7 unique network service providers with diverse fiber routes out of region

Solution deployment options include individual Secure Cabinets and dedicated Secure Cages

Full amenities including break rooms, conference rooms, Wi-Fi, crash carts, and work kiosks

HIPAA aligned

TECHNICAL SPECIFICATIONS

Buildings

- Three-story purpose-built hardened data center
- Building interior 306,970 sq/ft
- Raised floor 37,700 sq/ft

Security

- 24x7 video surveillance
- Gated security fence
- 90-day video storage
- Two-factor authentication required to access
- Biometric scanners and badge readers
- Entrance mantraps
- Ballistic paneling in lobby
- Bulletproof glass

Fire Detection and Suppression Summary

- VESDA provides early warning detection
- Pre-action dry pipe sprinkler system

Connectivity

- Copper and fiber optic cross connects
- Dual diverse fiber entrance facilities
- Carrier neutral interconnection area
- Roof rights for antenna placement
- See www.cyxtera.com/data-center-services/data-center-locations/moses-lake for complete carrier list

Reliability

- Uptime Institute M&O Stamp of Approval for operational excellence
- 100% Uptime SLA

Support Services

- Gold Support (remote hands)
- Structured Cabling
- Secure on-site spare and tool storage

Sustainability and Efficiency

- Wireless sensors
- Smart lighting

Certifications and Compliance

- SSAE18 / ISAE 3402 SOC Type I
- ISO27001
- PCI DSS 3.0/3.1
- NIST 800-53 PE
- Uptime Institute Management & Operations Stamp of Approval

Amenities

- Free secure Wi-Fi
- Break room
- Food and beverage vending machines
- Crash carts and loaner tools
- Work kiosks
- Conference room

Data Center Pod	Utility Power	UPS Capacity	UPS Configuration	Generator Capacity	Generator Configuration	Fuel Capacity	Cooling Configuration	Raised Floor Height
MWH1-A	2.5 MW	1.5 MW	N+1	2.5 MW	N+1	6,000 Gal	N+1	3" to 12"
MWH1-B								

