



Ultra Secure Data Center



LOCATION:

4949 Randolph Road NE
Moses Lake, Washington 98837
206.764.1700
www.titanglobal.com

Defense hardened complex, enabling connectivity, low threat zone, and the largest power cost savings available, makes TITAN ideal for an enterprise-level data center.

POWER

Security

TITAN is ideally suited for enterprise-level data and network operations. Originally developed as an ultra secure data processing and missile control center for the Department of Defense, the TITAN facility is not a typical converted warehouse or office building but rather is designed and constructed to withstand a nuclear explosion. The structures on the complex are incredibly robust and include hardened concrete walls and structural elements that make this a truly unique offering. Multi-layered physical security includes full perimeter fencing (including employee parking) with card-key entry, card-key plus biometric identification building entry, closed circuit security camera system fed to a central monitoring desk, as well as individual floor/vault security.

TITAN's Grant County, Washington location is outside of the natural disaster (both seismic and flood) and civil threat zones. Easy access to the TITAN location is readily available by both car (2 1/2 hour drive east on Interstate 90 from Seattle) as well as air (a 45 minute flight). The TITAN Ultra Secure Facility is located 5 minutes from the Grant County International Airport.

access

TITAN Administrative Offices
5005 3rd Avenue S.
Seattle, WA 98134
Jim Chamberlin
206.832.8165



TITAN™ Ultra Secure Data Center

PROPERTY ADDRESS: 4949 Randolph Road NE
Moses Lake, Washington 98837

GEOGRAPHIC CHARACTERISTICS:

- ◆ Seismic rating of 2B - the lowest rating in any West Coast state
- ◆ 500-year flood plain
- ◆ High desert climate with over 300 VFR days per year; average summer temperature of 84 degrees, average winter temperature of 40 degrees.

POWER:

- ◆ Abundant power to complex and region – TITAN currently has approximately 12 megawatts of capacity to the complex. Discussions are ongoing related to upgrading the total availability to more than 20 megawatts.
- ◆ Incredibly low power rates provide large savings on utility costs. Savings can range from \$20-\$80 million compared to locating a data center in other regions.
- ◆ Reliability of the power source is extremely high as the complex has three utility power feeds coming from separate substations. Because the Grant County PUD generates its own power, it can isolate itself from the neighboring power grids in case of emergencies.

CONNECTIVITY:

- ◆ Two carriers provide connectivity to the major communication hubs in Seattle, Portland, and Spokane. These hubs allow connectivity to all major telecommunications providers including: AT&T, Cable & Wireless, Sprint, Verizon, MCI, and many more.
- ◆ Each carrier in the complex uses multiple fiber optic entrances. The fiber routes and central offices of each carrier are separate and distinct.
- ◆ **QWEST:** 24 pair of fiber into the TITAN complex. SHARP-capable OC-3 capacity is currently operational. Qwest's backbone is accessible via the OC-48 Spokane/Warden/Ephrata/Moses Lake Qwest loop, providing private-line, Private Routed Network, Internet, frame-relay, ATM and other telecommunications products.
- ◆ **NoaNet:** Currently installed - initialized with two (2) OC-48 SONET rings active around the entire 1,100 mile north Loop, located primarily in Washington State. In addition to the SONET ring, NoaNet has lit and accepted a Layer 3 architecture with five (5) core routers, each router (Cisco 12000 GSR) is inter-connected by four (4) OC-12 Spatial Reuse Protocol (SRP) rings. NoaNet's expansion will utilize the eighteen (18) DWDM Lambda's with the capability to add up to sixteen (16) additional SONET circuits at rates from OC-3 to OC-48. NoaNet will begin to offer an OC-192 product.

SECURITY AND SAFETY:

- This former NORAD Command and Control facility was originally built by the Department of Defense to TEMPEST standards, some of the highest military specifications.
- ◆ 365x24x7 card key access to facility
 - ◆ Security controlled with full circuit TV surveillance
 - ◆ Integrated smoke/heat fire detection system
 - ◆ Dry-pipe pre-action sprinkler fire suppression system
 - ◆ Monitored 365x24x7
 - ◆ All entrances man-trapped
 - ◆

ACCESS:

Available via automobile (2 1/2 hours from Seattle via I-90) or air to Grant County International Airport, one of the nation's longest air strips.

PROPERTY SPECIFICATIONS:

Land Area:

The complex is comprised of two parcels totaling 10 acres.

Structures on Site:

Data Center 162,000sf (gross)
121,500sf (net usable)
Power House 29,000sf (gross)

Floor Plates:

Data Center 40,500sf
Power House 14,500sf

Number of Floors:

Data Center Three Floors above grade, plus basement
Power House One Floor at grade, plus basement

Raised Floor Capacity:

Two diverse locations

Roof Type / Loading:

Reinforced concrete / Live-load design varies from 40psf to 65psf



OWNER CONTACT INFORMATION:

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President

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