Portland – Hillsboro 3 data center

Supplying highly connected data center solutions in the Portland market, Hillsboro 3 provides 358,000 square feet and 36 MW of data center space. It features industry-leading cooling efficiencies and high-density capabilities with direct connection to several subsea cables, including New Cross Pacific and Hawaiki.

With the addition of Portland – Hillsboro 3 to the Flexential campus, the data center footprint is now nearly 700,000 sq. ft.

Strategically located within Hillsboro's Enterprise Zone region, Flexential's Portland data centers provide customers with significant tax benefits in addition to Oregon's zero percent statewide sales tax.

Portland-Hillsboro 3 is included in Flexential's data center campus cross-connect fiber ring, featuring nine Tier 1 carriers with underground fiber to all major U.S. cities, enabling nominal domestic latency.

Flexential has completed a second campus cross-connect fiber ring, which connects 14 existing or planned data centers and provides access to seven transpacific submarine cable systems.

Flexential's Portland-Hillsboro 3 has direct access to Flexential's NAP of the Northwest facility that hosts two high capacity trans-Pacific cables: New Cross Pacific and Hawaiki which connect Hillsboro and Asia Pacific, including Hawaii, Australia, New Zealand, China, South Korea, Taiwan and Japan. Access to additional trans-Pacific subsea cable destinations are planned for the future.

Quick facts

- 358,000-square-foot data center footprint
- 36 MW critical power capacity
- 20 acres located within the Hillsboro Enterprise Zone
- Highest cooling efficiency design in the region
- Commitment to sustainability with a WUE of 0
- Industry leading PUE
- Located on the Flexential data center campus, the most interconnected campus in the NW, with subsea cable landings for direct connection to APAC
- High density capabilities

Additional features

- Cloud node on-site
- Migration and capacity planning
- Meeting room and dedicated work areas for customer use
- Remote hands support available
- Business continuity and disaster recovery services, solutions and support available
- Public, private, hybrid and compliant cloud solutions, as well as cloud recovery and dedicated servers, available
- Professional services including migration, security and risk management, assessments and audits, as well as performance and network architecture support, available

Facility specifications

Power & cooling

- Distributed redundant 4:3 UPS system.
- Fault tolerant electrical and mechanical systems
- 36 MW critical load UPS capacity
- 1,500 W/SF power density
- N+2 cooling redundancy
- Hot/cold aisle configuration
- 100% power SLA
- Designed for 1.3 PUE

24/7 Security

- Physical environment, power delivery, generator and diesel fuel infrastructure monitoring
- Round-the-clock security and technical staff
- Dual-factor authentication access
- Biometric scanners
- 4-zone security access
- Monitored security cameras
- Cage security cameras available

Compliance

- HITRUST CSF compliant site
- PCI DDS compliant site
- Annual, independent audits for SOC 1 Tier Type II, SOC 2 Type II, SOC 3; NIST 800-53; ITAR: SSAE 18
- HITRUST and PCI certification services available
- Regulatory and standards compliance assessment, analysis, consulting and planning services available

Connectivity

- 100Gbps redundant network backbone
- Physically redundant access and path to every Flexential building
- Logical MPLS overlay for flexible transport and automatic path failover
- Nationwide IP transit blend using 3 Tier I ISPs peered in 9 diverse metro areas
- Automated and portal-driven cross-connection
- IP bandwidth and transit services ranging from 10Mbps to 40Gbps with volumetric DDoS protection
- Flexible transport solutions including Data Center Interconnect (P2P pseudowire) and Interconnection Mesh (E-LAN)
- Platform-enabled virtual connections to leading public clouds with Cloud Fabric

Flexential solutions portfolio

Colocation

Interconnection

Cloud

Data Protection

Professional Services

Request a tour

→