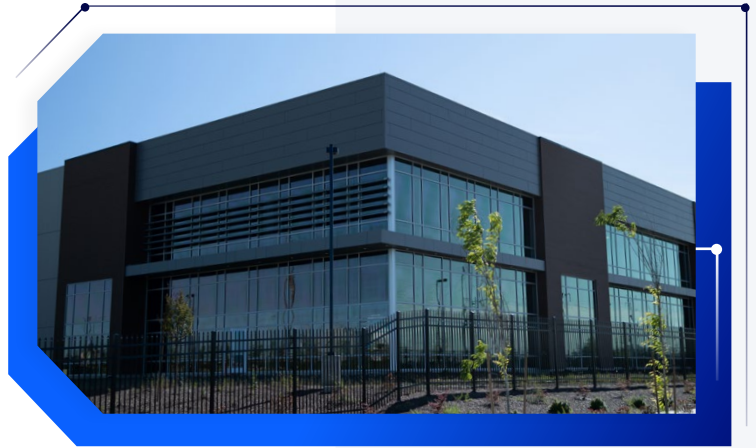




Portland – Hillsboro 6 data center



Flexential has pioneered the latest innovation to address customers key data center challenges

Flexential ingenuity has created this next generation of data center design to accommodate technology of today and future innovation. Future-proof your infrastructure requirements with scale to grow all facets of your design: network, power, square feet, or cloud/managed services. Hillsboro 6 is liquid cooling ready, containing a chilled water loop that can be tapped for your liquid cooling solution. Built to provide security and privacy with individual data halls that you can call home with office leasing opportunities and other employee features.

The data center infrastructure is powered by Portland General Electric (PGE)'s Sunset Reliability Center and benefits from redundant power grid access and priority fuel delivery under the utility's Dispatchable Standby Generation program. For Flexential, Oregon is also a gold-level partner in PGE's Clean Wind program, which guarantees access to a reliable renewable energy source.

Hillsboro and the surrounding "Silicon Forest" offer a mix of infrastructure and economic advantages for data center operators, including a well-established ecosystem of cloud and AI providers and meaningful cost savings driven by Oregon's favorable tax environment. Supported by high-capacity fiber, clean energy options, and enterprise zone incentives, Hillsboro has emerged as one of the most attractive tech and data center growth markets in the U.S.

Quick Facts

- 350,000 square-foot facility
- 27 MW distributed
- N+2 cooling redundancy
- 100% SLA on power, network and bandwidth
- Innovative, sustainable design consumes zero water and is highly efficient

Additional Features

- Standardized and modular design
- Infrastructure deployments in independent sets of 4.5 MW blocks
- Efficient and sustainable: 1.4 PUE, 0 WUE
- Optimal redundancy 4:3 UPS distributed, redundant
- Up to 150+ kW per rack
- Chilled waterloop can be tapped for liquid cooling solutions

Facility specifications

Power & Cooling

- UPS redundancy: 4:3 distributed redundant
- 27 MW critical load UPS capacity
- Supports up to 150+ kW per cabinet
- Liquid cooling ready, high density capable
- N+2 cooling redundancy
- Hot/cold aisle configuration
- 100% power SLA
- Target PUE 1.4

Compliance

- PCI, DDS, and HITRUST CSF compliant
- Annual, independent audits for EU-US Privacy Shield framework; SOC 1 Type II, SOC 2 Type II, SOC 3; HIPAA; ISO 27001; and SSAE 18
- Regulatory and standards compliance assessment, analysis, consulting, and planning services available 24/7

24/7 Security

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

Connectivity

- One unified fabric offering on-demand provisioning of connectivity services
- Connections to strategic carrier hotels
- 100Gbps network backbone
- Access to a rich ecosystem of carriers, service providers and cloud providers reachable from any data center
- IP transit service built on a blend of premium Tier I carriers and including basic DDoS scrubbing protection
- Point to point and mesh services available to connect Flexential data centers

Flexential Solutions Portfolio



Colocation



Interconnection



Cloud



Data Protection



Professional Services

Request a Tour

