

# Hillsboro HI1 Data Center

Hillsboro, Oregon is located in the heart of the Pacific Northwest technology hub. **HI1, the first of five data centers** on our 126MW campus, is Cleaner Air Oregon certified and provides easy access to the Asia-Pacific market through our Subsea Connect network service.

## Data center space

- 138,000 sq. ft. data floor space
- Six 6MW vaults
- One-story building
- Class A office space available

## Power

- Total critical IT load: 36MW
- Two (2) 34.5kV feeders, each rated at 60 MVA
- N+1 distributed redundancy for each vault
- Eight (8) x 1MW UPS modules for every 6MW capacity
- Dual-corded power distribution
- Generators with on-site fuel storage to support 24 hours run time at full load with 24x7x365 fuel delivery
- Diverse power distribution to the data vault (A and B feeds)
- Power densities available up to 22kW per rack
- Renewable energy options available

## Cooling

- Air cooled chillers with airside economizers
- Fan coil wall cooling design with hot aisle containment and N+1 redundancy in the vault
- A dedicated modular chiller plant designed with a closed loop water cooling system for additional efficiency

## Fire protection

- Next generation safety management by ONYXWorks for centralized control and monitoring of the fire alarm system
- Dual interlocked nitrogen filled preaction dry pipe fire suppression system
- Aspiration Smoke Detection (ASD) system enabling fast detection, response and mitigation

## Security

- 24x7x365 Security and Operations team
- Fenced campus with centralized, electronic access control system
- 100+ real-time security feeds using pattern-based technology
- Multi-factor authentication throughout the facility
- Secure managed delivery and loading area 24x7x365

## Connectivity

- Carrier-neutral
- Three diverse fiber entry points
- Two Meet-Me-Rooms
- Subsea Connect network service
- Network dense with access to many global and regional carriers and ISPs offering dark fiber, wavelength, ethernet, MPLS, VPLS, IP transit, and peering



- Access to multiple leading public, private and hybrid cloud providers
- Directly connected to the ultra-high count fiber ring that joins all major local data centers

### Additional data center services

- Remote hands and eyes
- Fit-out and deployment
- Class A office space
- Dedicated long-term storage

### Certifications and compliance

#### Compliance

- SOC1 and SOC2 Type II
- ISO 27001
- ISO 50001 Energy Management
- PCI DSS
- NIST 800-53 High
- HIPAA
- Cleaner Air Oregon Certified

#### Sustainability

- Designed to LEED Gold Standards
- EPA ENERGY STAR

### Data center products

- Cabinets
- Customizable cages
- Private suites
- Dedicated vaults
- Build to suit

### Subsea Connect: Your connection from the U.S. to the Asia-Pacific



**Solution:** We provide the easiest and most flexible “subsea-as-a-service” access to Asia with our Subsea Connect network service. Deployed using NTT’s PC-1 network, our Subsea Connect network service delivers immediate access to the world’s most reliable and lowest-latency transPacific cable system to and from the Asia-Pacific (APAC) market through dedicated 10G or 100G lit fiber connections.



#### Features and benefits:

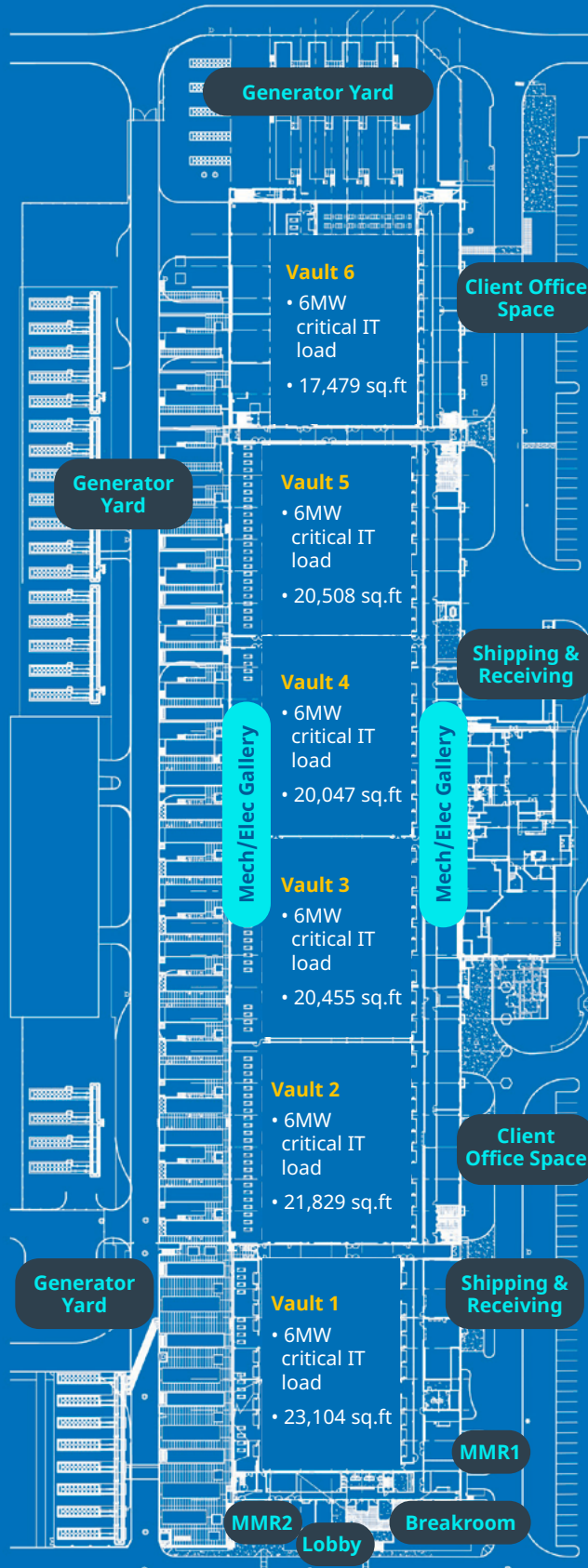
- Subsea Connect provides easy turn-up with flexible bandwidth options and contract terms
- High capacity, low latency with the shortest route and lowest latency across the Pacific
- Secure transmission with Point-to-Point dedicated lit fiber connection

**Location in Oregon**

**Address and contact**  
**Hillsboro HI1 Data Center**  
NTT Global Data Centers Americas  
4050 NE Evergreen Rd Hillsboro,  
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# Hillsboro HI1 Layout



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