

Boise Colo 2 Data Center (BOI2)

The Fiberpipe Colo 2 data center was constructed in 2008 and is one of the Boise areas premier data center operations. Designed and built with careful attention to detail, and maintained to the highest standards, the Fiberpipe Colo 2 data center is the only local colocation provider that can claim 100% power and cooling availability since it became operational in October of 2008. Existing and new clients can be assured that Fiberpipe is capable of delivering the highest levels of availability and reliability.

LOCATION

10215 West Emerald | Boise, ID 83704

Airport: 7 mi/11 km, 13 minutes, from Boise Airport (BOI)

Parking: Adjacent building parking available, no charge

PROFILE

Phone: 1-888-414-8818 (USA or Canada)
1-208-331-3232 (Boise)

Email: sales@fiberpipe.net or support@fiberpipe.net

Telco Information

- NPA-NXX: 208-331
- CLLI Code: TBD (Colo 1 & 2 - BOISIDVV)
- LEC - CenturyLink
- LATA - 652

Building Information

- Wholly owned (building and land) by Fiberpipe
- Gross Sqft: 45,000
- 4250 sqft colocation hall
- Construction Type: Type II-B (Sprinklered)
- Building Type: 1-Story Steel and Concrete Structure
- Floor Load Capacity: 250 psf live load
- Capable of supporting 2500 lb racks
- Seismic Design Category: C
- Raised Floors (18 inches)
- Dedicated Office, Storage, Staging, Shipping
- Meeting and Break Rooms
- Disaster recovery office space available
- Warehouse space available

Significant Building Dates

- Building Constructed - 2000
- Colo 2 added - 2008
- Colo 2 Commissioned - October 2008

Service Level Agreement

- 100% Power availability
- 100% Temperature and Humidity availability
- 99.99+% Cross Connect availability
- 99.99+% Premium Dedicated Internet Access (DIA)



POWER

Utility Power

- Utility Service - Idaho Power
- High percentage of low cost hydroelectric power
- Utility Feeders - 2
(1 for data center, 1 for offices and support space)
- Power Transformers - 2 (1500 kW and 500 kW)
- Utility Voltage - 12470V Primary/480V Secondary
- Total Power capacity - 2.0 MW

Generator Power

- Generator configuration - Prime-rated generator
- Generator Power - 1000 kW
- Onsite Diesel - 24+ hours
- Multiple fuel replenishing companies

Electrical Capacity - Per cabinet

- Cage racks - 3.75 kVA
- Standalone Colocation racks - 3.0 kVA
- Higher rack capacity available with Fiberpipe Engineering approval
- Branch circuit monitoring and metering
- Branch circuits are UL Listed complying with NEC 645.5

UPS Configuration

- Multiple 225 kVA UPS units
- 10+ minutes battery backup
- Parallel redundant topology
- Make-before-break maintenance bypass/wraparound
- Dual cord required, or dual-corded rack-based static-switch for single corded loads

Other Electrical Specifications

- Carrier grade lightning protection and grounding system
- No main centralized emergency stop buttons



Boise Colo 2 Data Center (Continued)

COOLING

- Cooling Capacity: 625 kVA configured N+1
- Cooling Plant: Redundant 177 tons of air-cooled chillers
- Air Handlers: N+1 redundancy chilled water CRAHs
- Pumps: 2N redundancy
- Strict ASHRAE compliance with TC 9.9 recommended envelope of class A1
- Integrated humidification/de-humidification controls
- Chilled water pipe leak detection
- Water treatment system for humidifiers

SECURITY & FIRE PROTECTION

- Video surveillance and recording of the exterior and interior (90 days minimum)
- Man traps, and HID access for rigid security
- Two-factor access security to colocation rooms, cages and racks
- Cabinet and cage security options include keyed locks and combination locks

Fire Detection

- VESDA system for early smoke detection in colocation and critical equipment rooms

Fire Suppression

- Pre-action (dry pipe) for colocation, electrical, mechanical, and critical equipment rooms

COLOCATION & OTHER SERVICES

- Remote Hands
- Power Audits
- Quick Cabinet and Cage Installs
- Flexible power configuration options
- Flexible power billing options
- Monitoring Services
- Help Desk 24x7

NETWORK & CARRIERS

- Carrier Neutral
- Diverse Entrances
- Redundant Fiber Paths to Facility
- Ultra-high quality Internet blend of several carriers available
- Dark-fiber connectivity option

Carriers

- CenturyLink
- Integra
- Syringa
- Level 3
- Zayo

Interconnect Options Available

- System: Overhead proprietary cable tray system with multi-tier ladder rack
- Cross Connects: Single-Mode fiber, Multi-Mode fiber (62.5 and 50 micron), CAT5, CAT6, CAT5 (T1), and CAT3 (POTS)
- Campus Cross Connects: Single-Mode fiber, Multi-Mode fiber (62.5 and 50 micron), CAT5, and CAT6 to Fiberpipe Tier 1 and Tier III facility
- Innerduct: Conduit access for network service providers installing bulk fiber

RISKS

- Not located within any floodplain
- Boise ranks as one of the best locations for a data center due to low natural disaster risk (Forbes, Sperlings, NY Times, etc)

CERTIFICATIONS

- SSAE 16 SOC 1 Type II Audited