

ENTERPRISE COLOCATION. BUILT AROUND YOUR INFRASTRUCTURE.



Critical infrastructure, accurately represented.

Fibernet's ORM1 data center provides carrier-neutral colocation, private suites, high-density infrastructure, managed services and custom deployments for organizations requiring secure and flexible infrastructure.

BELOW-GRADE DATA CENTER FLOOR

The main data center floor is located at basement level, supporting a protected and thermally stable facility design.

10,000

SQ. FT. RAISED FLOOR

1.5 MW

UTILITY TRANSFORMER

300 TONS

PRIMARY CHILLER CAPACITY

24x7x365

NOC MONITORING

POWER

Independent UPS systems serve separate facility sections. 500 kW and 400 kW Cummins diesel generators support facility power during utility outages. A/B configurations are available based on deployment design.

COOLING

300 tons of installed primary chiller capacity from two 110-ton chillers and one 80-ton chiller. An additional 110-ton chiller is planned for installation, increasing total primary capacity to 410 tons. Three 30-ton rooftop units provide secondary cooling.

CONNECTIVITY

Carrier-neutral facility with multiple on-premise carriers, Fibernet blended Internet, cross-connects, scalable bandwidth and IPv4 addressing.

SECURITY

Two-factor access, biometric and credential controls, dual-door entry, CCTV with 90+ day log retention, escorted visitors and 24x7 NOC oversight.

Installed infrastructure is shown below. Redundancy and A/B configurations vary by customer deployment and contracted design.

FACILITY

RAISED FLOOR 10,000 sq. ft.; 18 in. anti-static raised floor
MAIN DATA CENTER FLOOR Basement level / below grade
FLOOR TILES 2 ft. x 2 ft.; 1,200 lb rating
STRUCTURE Steel reinforced concrete
FIRE SUPPRESSION Dual-interlock, pre-action dry-pipe
MONITORING 24x7 NOC and remote monitoring

COOLING

PRIMARY CHILLERS 2 x 110 ton; 1 x 80 ton
PRIMARY CAPACITY 300 tons installed
SECONDARY COOLING 3 x 30 ton rooftop units
COOLING LOOP Closed-loop glycol/water
AIR HANDLING Liebert
DISTRIBUTION 18 in. raised-floor air distribution
CUSTOM OPTIONS Containment and high-density cooling solutions available

POWER

UTILITY PROVIDER Rocky Mountain Power
UTILITY TRANSFORMER 1.5 MW
FLYWHEEL UPS 1 x 300 kVA; 2 x 225 kVA
BATTERY UPS 1 x 150 kVA
UPS TOPOLOGY Independent systems serving separate facility sections
ONSITE GENERATION 1 x 500 kW Cummins; 1 x 400 kW Cummins
CUSTOMER REDUNDANCY A/B configurations available based on deployment design

CONNECTIVITY & SECURITY

CARRIER MODEL Carrier-neutral
CONNECTIVITY Multiple on-premise carrier options; Fibernet blended Internet; scalable bandwidth; cross-connects
PHYSICAL ACCESS Two-factor, biometric and credential-based controls
SURVEILLANCE CCTV; logs retained 90+ days
CONTROLLED ENTRY Dual-door access; escorted visitor procedures

CUSTOM ENVIRONMENTS

Private suites, high-density compute and customer-specific deployments engineered around power, cooling, connectivity and managed-service requirements.