

Hamilton

CyrusOne Data Center
103 Knightsbridge Drive
Hamilton, OH 45011

Located 30 minutes north of downtown Cincinnati, this 83,000 square foot facility is used for production colocation, back-up and disaster recovery and business continuity.

This “green” data center utilizes power from the city that is 45% from a non-carbon source. The site has 4.8 MW total available power with up to 100 watts per sq. ft. from dedicated primary circuits. With scalability as a focal point, we offer multiple levels of redundancy available within the same footprint.

In CyrusOne’s Cincinnati data center in Hamilton, your mission critical environment is guarded and monitored 24/7 year round.



Overview

- 83,000 sq. ft. data center
- SSAE 18 (SOC I type II), PCI DSS (sec 9 & 12), HIPAA, ISO 27001, FISMA
- 550 gal tank per generator with 30,000 gallon site capacity
- 36-inch raised floor design
- N+1 cooling configuration



Power

- Can accommodate up to 9.5MW of critical capacity. 4.725MW Redundant
- 75–100+ W per square foot
- Multiple levels of redundancy available within the same footprint (e.g., N, 2)
- Diverse power delivered by two independent circuits
- 1000kVA & 750kVA UPS systems; each power leg has a dedicated UPS with battery backup
- 3 1.8 MW & 3 2MW Diesel dedicated generators pre-wired for additional capacity
- 550-gallon belly tank per generator – two (2) 15k gallon feeder tanks.

Cooling

- 36-inch raised white floor design
- 8.6ft ceiling height from data center floor to ceiling 40-ton CRAH units
- Highly efficient 1000-ton central chillers with ability to scale as density increases). Heat exchanger condenser water transfer from well water discharge (ask us about this green technology).
- Closed-loop chilled-water-cooling design

Security

- Video surveillance and recording of the exterior and interior
- On-site security guards 24/7 year round
- Authentication entry into building and data halls.
- Cabinet and cage security options include individual lock and card readers

Fire Protection

- Ecaro 25 Clean Gas Agent under raised floor with dual-action interlocking dry-pipe pre-action system

Location/Amenities

- 60,000 square feet+ common areas. 47,000 square feet white space
- 25 miles from CVG Airport.
- Parking for customers and visitors

Certification/ Audit Compliance Accreditations

Through disciplined assessment and audit processes, CyrusOne has implemented comprehensive practices for:

- ISO/IEC 27001
- PCI DSS
- HIPAA/HITECH
- FISMA-High
- SSAE 18 (SOC 1 Type II), Type 2 AT 101/SOC 2
- Business Continuity and Disaster Recovery (BCDR)

Site Plan

