CHI2

CyrusOne Data Center
Chicago - Aurora
2805 Diehl Road
Aurora, IL 60502

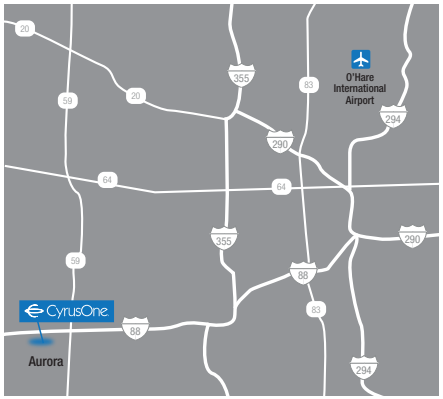
This data center campus represents the preeminent financial services colocation hub in the industry and creates significant opportunities by offering a unique ecosystem to energy, enterprise, fintech, and cloud customers.

Enhanced Geographic Diversification

CyrusOne's one of two Chicagoland locations supporting large multi-megawatt deployments of critical infrastructure for the Fortune 1000.

Global Risk Management Campus

The Aurora facilities provides financial risk management with open and cost-efficient access to an extensive digital eco-system that includes retail colocation, disaster recovery, private and public cloud access, data storage, and high performance compute.



Overview

- 428,000-square-foot facility data center (more than 7 football fields)
- 240,000 square feet of raised floor
- 36,000 square feet of office space
- Wholesale and retail colocation space
- Build to suit cages and smart hands services
- High-density configurations
- Cloud provider connectivity and cross-connects
- Access to CyrusOne National Internet Exchange, including metro and city-to-city connectivity solutions
- Business continuity and disaster recovery options
- Office or work area recovery space
- Ideal for production and synchronous data replication for mission-critical applications
- Tier III+ Topology

CHI2 Technical Specifications

CyrusOne

Building

- 428,000 square foot data center
- Suites, cages, cabinets available to match required footprints
- Colocation cabinet layout follows hot/cold aisle design
- Conference rooms break room available
- Client office and storage space
- Visitor WiFi access throughout
- Four secure semi-truck loading docks

Power

- 50.4 MW utility capacity
- 138 kV utility voltage
- 2 utility feeders
- 2 transformers on site
- 2N & 4:3 distributed redundant
- 2.25 MW each Genset

Cooling

- Air Cooled Chiller Plant provides 3000 Tons at N+2 per data hall
- Free cooling below 30F. Variable Frequency Drives (VFD's) throughout
- Color-coded to align with Power Rooms
- CRAH units with energy efficient fans
- 17 kW per cabinet– driven by air-cooled delta T

Fire Protection

- VESDA early fire detection technology deployed throughout facility
- Double interlock preaction system

Security

- Security gate and anti-tailgating sally port outside of facility
- Security fence around the site
- 7 layers physical security from property to server
- Security guards on duty 24x7x365
- Card reader at the security gate
- Bio-reader and anti-tailgate turnstile to enter facility
- Bio-reader to enter data hall

Fiber and Building Entry

- Two separate diverse external POE's to Aurora II
- Two separate diverse internal POE's to Aurora II from Aurora I CCA & CCB

Sustainability

- **Water Free Cooling:** No water is used to cool this facility (such as water towers or evaporative cooling). Minimal amounts of water are used for humidification and facility maintenance.
- **Water risk:** Currently rated at High Risk, but expected to move to Extremely High Risk in 2030 and 2040 (based on WRI Aqueduct Tool).
- **Carbon Intensity:** Carbon emissions of the local grid were 1,243 pounds CO2/MWh in 2016 (last year reported), a 20% improvement over 2004 (based on US EPA eGRID data).
- **Grid renewables:** The local grid gets 4.2% of its power from renewable sources (wind, solar, biomass, hydro, and geothermal; based on US EPA eGRID data).

Site Plan