



CHI02 | ELK GROVE VILLAGE

36MW in Chicago's Premier Data Center Hub

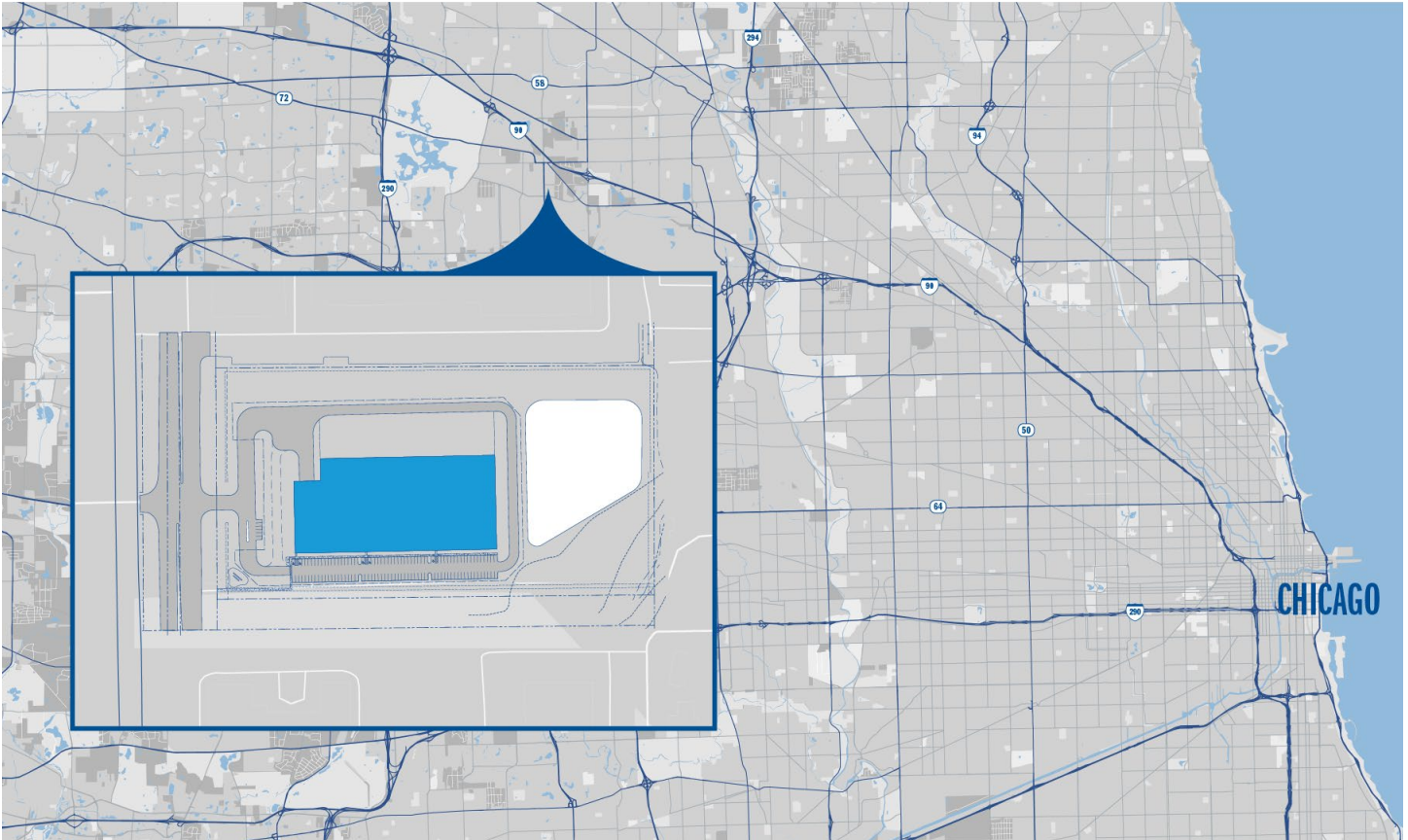


TOTAL CAPACITY
36^{MW}

TOTAL CAMPUS SIZE
18^{ACRES}

GENERAL OVERVIEW

CHIO2 in Elk Grove Village deliver 36MW of capacity on 18 acres in the heart of one of the most sought-after markets in the United States. Designed as a two-story development with flexible deployment options, CHIO2 can support AI, ML, and cloud workloads. Strategically positioned at a prime intersection with direct access to fiber and power infrastructure, the project benefits from strong local support, a business-friendly environment, and STACK's proven development expertise. As land and power constraints tighten in Chicago, this site presents a rare opportunity to secure capacity in a high-demand market.



Deployment Options: A two-story development provides 36MW of capacity with flexible deployment options.



High-Density Flexibility: Engineered to support high-density workloads, CHIO2 features a modern closed-loop cooling system designed for efficiency and high-performance computing.



Strategic Elk Grove Village Location: Positioned in one of Chicago's top data center hubs, with direct access to fiber and power infrastructure.



Sustainable Growth: Designed with STACK's efficient no-water-use infrastructure and powered by 100% renewable energy, aligning with corporate sustainability commitments.

Facility Overview

- 36MW Capacity
- 263,620 SQ. FT.
- 18 Acres
- Supports both shell and turnkey deployments

Supporting AI, ML, and Cloud Workloads with Flexible Cooling

- Proprietary design can support multiple cooling deployments, including liquid to chip
- Closed-loop water cooling systems provide optimal cooling for high-density workloads
- N+1 345-ton air-cooled chillers with quick restart

Security

- 24 x 7 on-site security with dual-factor biometric access
- Comprehensive CCTV coverage with 93-day retention
- Secure perimeter with gated vehicle access

Connectivity

- 2 Main Distribution Frames (MDFs) with diverse fiber entrances for redundancy

Power & Reliability

- Dual utility feeds with N+1 block redundancy (generators/UPS)
- Minimum 24-hour fuel storage for continuous operation

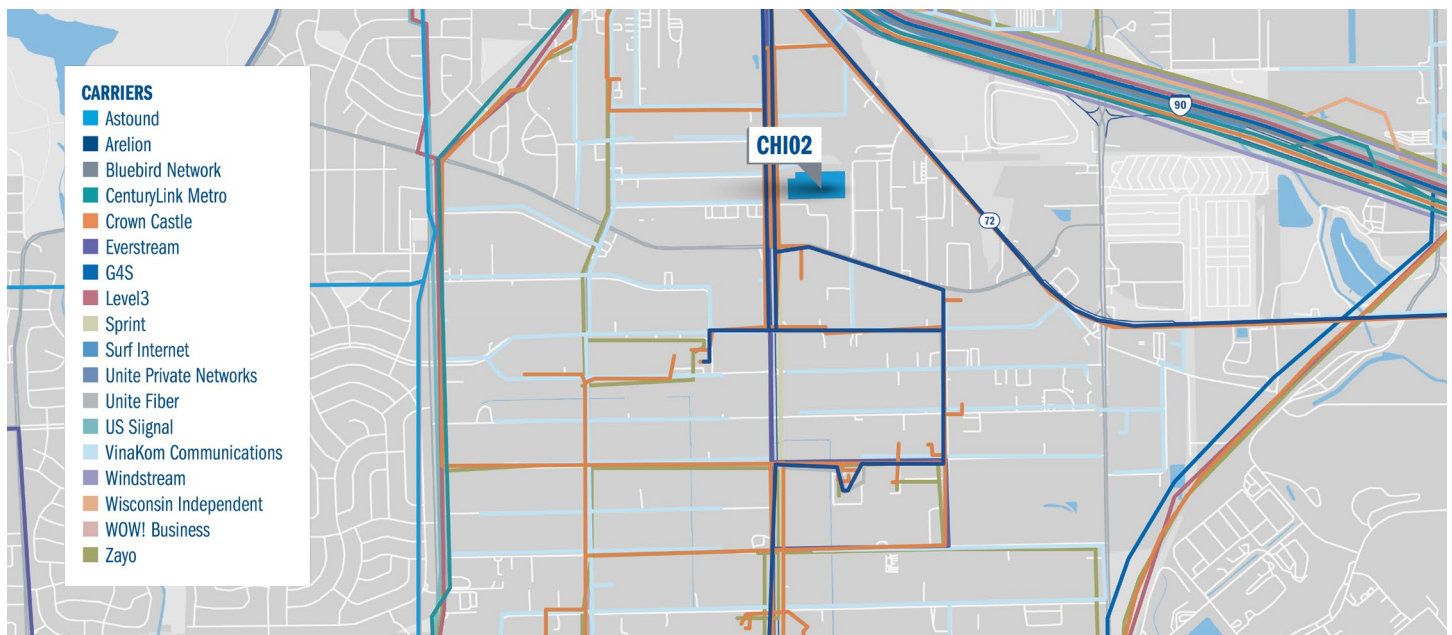
Fire Protection

- Dual smoke detection with VESDA
- Dual-interlock pre-action sprinkler system
- Located in a TRCA-designated area of minimal flood hazard

Amenities

- Conference rooms, complimentary WiFi, and shared office space
- Bicycle storage, showers, and secure multi-bay loading dock
- Dedicated storage and staging areas

Certifications Supported



STACK provides digital infrastructure to scale the world's most innovative companies. With a client-first approach, STACK delivers a comprehensive suite of campus, build-to-suit, colocation, and powered shell solutions in the Americas, EMEA and APAC regions. With robust existing and flexible expansion capacity in the leading availability zones, STACK offers the scale and geographic reach that rapidly growing hyperscale and enterprise companies need.