



**STACK**  
INFRASTRUCTURE

# CHI02

SCALE FOR THE FUTURE

TOTAL CAPACITY

**24<sup>MW</sup>**

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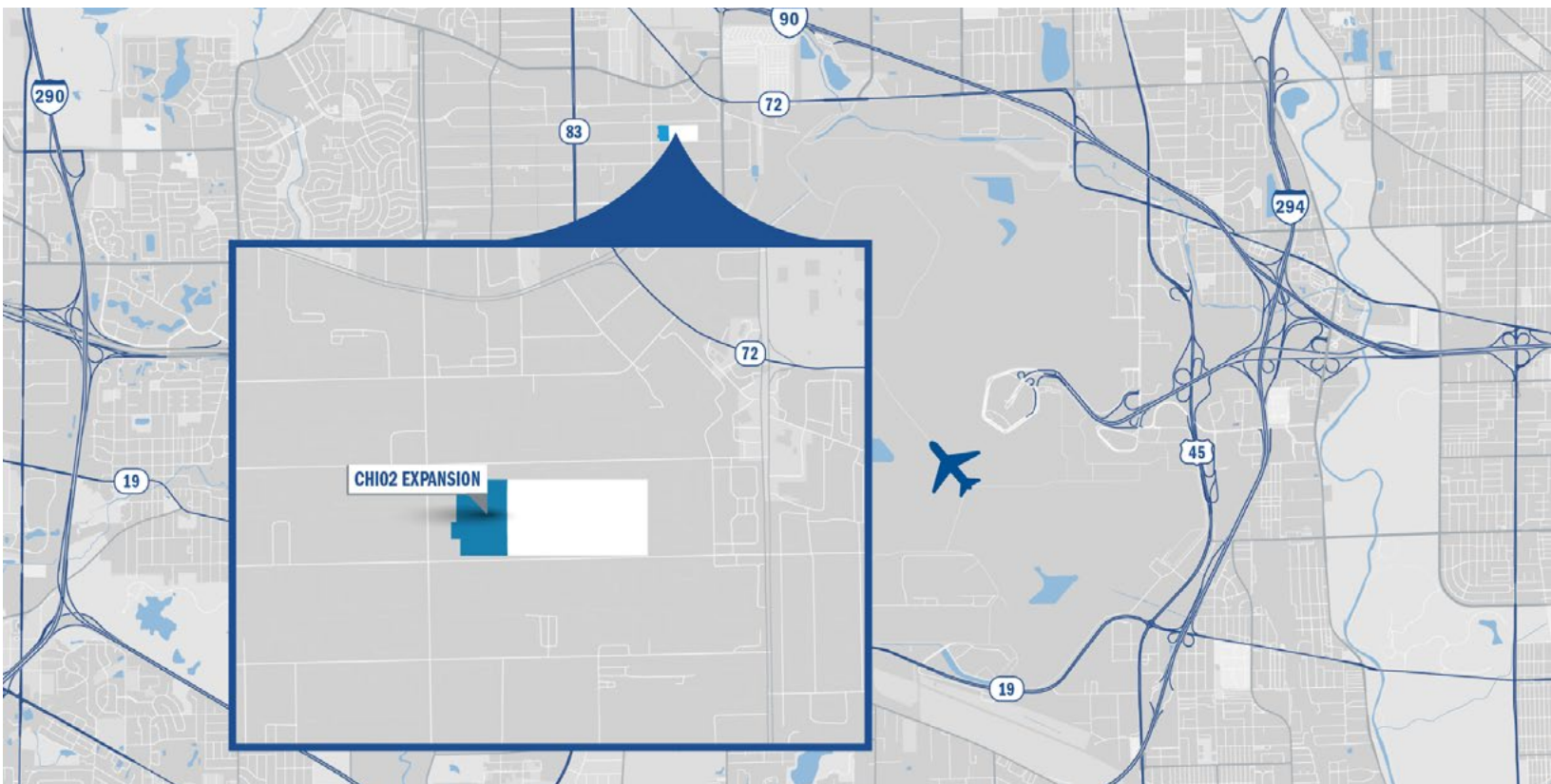
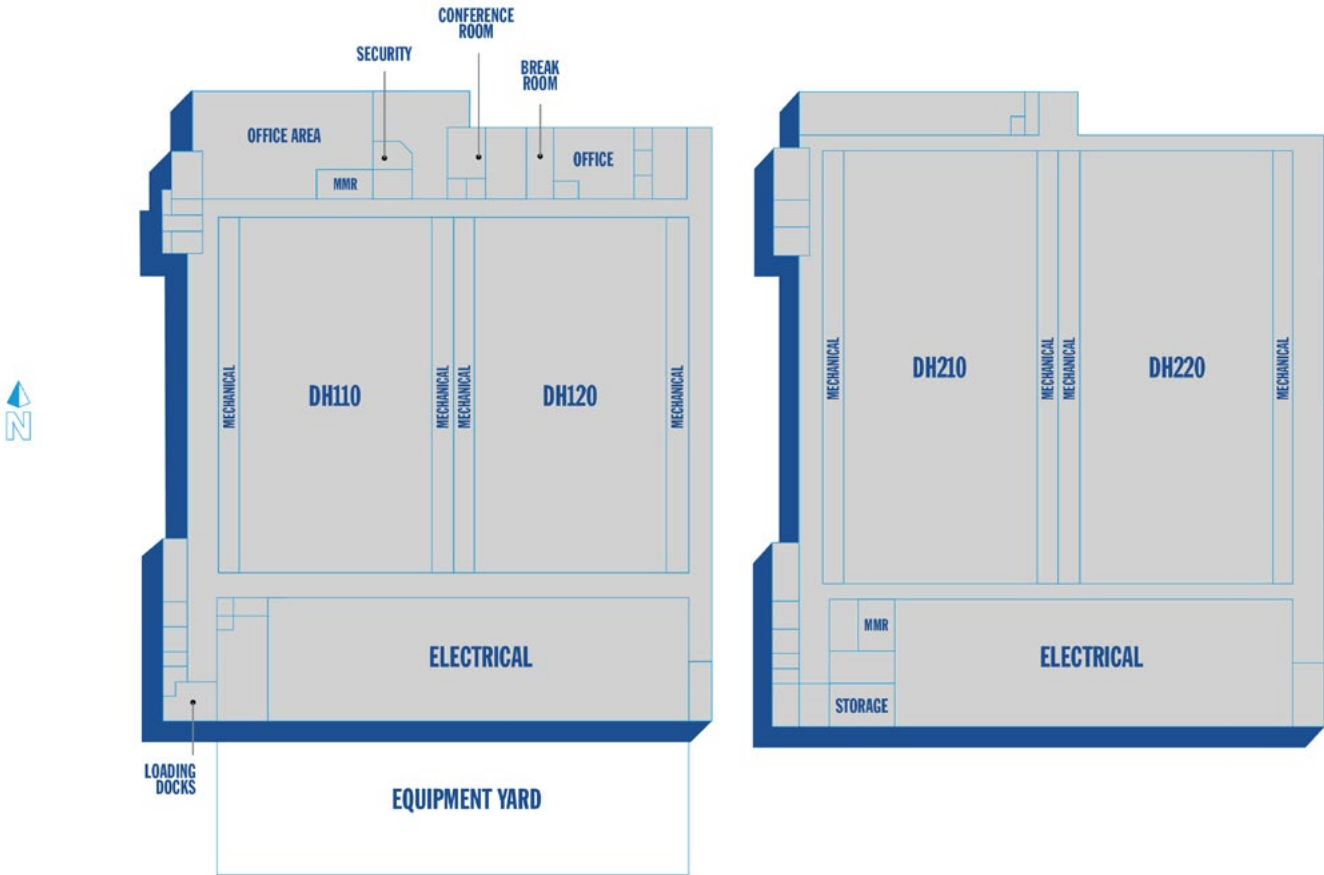
FACILITY SIZE

**202,000<sup>SQ FT.</sup>**

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**STACK**  
INFRASTRUCTURE

The world runs on data. Data runs on STACK. | [sales@stackinfra.com](mailto:sales@stackinfra.com)





**CAPACITY**

**Total Capacity**

- 24MW

**Data Halls**

- 4x6MW @ 22,000 sq ft. average

**Facility Size**

- 202,000 sq ft.

**Deployments**

- READY STACK™: RackReady® data halls

- POWER STACK™: Immediately available shell capacity

**COOLING & EFFICIENCY**

**Cooling**

- N+1 Air cooled chillers with integral free-cooling

- N+4 Fan walls per data halls

**Efficiency**

- Integral free-cooling with each chiller line up

- PUE 1.3 or better

**Density**

- 7-8 kW/rack

- 250-300 w/sf

- High density deployments supported – in excess of 25 kW per cabinet

**SAFETY & SECURITY**

**Security**

- 24 x 7 on-site security personnel

- Perimeter fencing

- Dual factor biometric authentication

- CCTV with 93-day retention

**Fire Protection**

- VESDA

- Double interlock pre-action fire suppression system

**CONNECTIVITY**

**Diversity**

- 2 Meet-Me-Rooms

- 3 Diverse entrances

**Carrier Availability**

- 7 Carriers on campus

- Carrier neutral

**Additional Connectivity**

- Roof space available

**POWER & RELIABILITY**

**Utility Service**

- Diverse underground utility feeds

**Generators**

- N+1 block redundant

**Fuel Storage**

- Minimum 24 hours of operation

**UPS**

- N+1 UPS configuration

**PDU**

- N+1 PDU configuration

**BMS Controls**

- Client access to BMS portal

**Building Hardening**

- Precast concrete structure

**Sustainability**

- 100% renewable options available

**Diverse Utility and Power Sources**

- Served by ComEd Smart Grid Substations

- Priority 1 Substation also serves

- O'Hare International Airport

**AMENITIES**

**Work Space**

- Conference rooms and break rooms

- Complimentary Wi-Fi

- Dedicated office space

**Storage**

- Shared and private storage/staging

**Client Conveniences**

- Showers

- Bicycle storage

- EV charging

**CERTIFICATIONS & COMPLIANCE SUPPORTED**



**Tier III Design**

STACK is a leading data center company built from the ground up to address the full STACK of its clients' critical infrastructure needs today, and into the future. The company delivers a comprehensive suite of wholesale colocation, build-to-suit, and powered shell solutions in six markets today: Atlanta, Georgia; Chicago, Illinois; Dallas/Ft. Worth, Texas; Northern Virginia; Portland, Oregon; and Silicon Valley, California. With unparalleled existing and flexible expansion capacity in the leading availability zones, STACK provides the scale and geographic reach that rapidly growing enterprises and hyperscale businesses need.