



**AVENTUS**  
DATA CENTERS

# AVENTUS LAKES

## **Advisory Services**

Supercomputing

Local Private Cloud

Multi-Cloud IT

Edge Computing

Cybersecurity

Compliance

Advanced Networking

Artificial Intelligence

Migration

Audits and Assessments

AND MORE



## **Overview – Milwaukee, WI**

Aventus Data Centers acquired this data center on November 2, 2022. It is currently nearing the completion of a multi-million dollar project to bring the data center up to Aventus technical, security, and support standards.

## **Hyper-Personalized Services**

Each Aventus Customer has unique leaders, market positions, assets, and capabilities. One size does not fit all, so Aventus is not your average data center. In addition to the typical data center benefits, we are experts at:

- Knowing the leading edge, not bleeding edge, technical products/services being made available;
- Bringing the best-of-breed vendors for those products/services into our data centers;
- Helping Customers plan next-generation systems using a select set of these products/services; and
- Providing services to implement a unique next-generation IT system for each Customer.

***Located in the Granville Station area north of downtown Milwaukee.***

# **Data Center Specifications**

## **AVENTUS LAKES**

|  |  |   |
|--|--|---|
| <p><b>Facility</b></p>   | <p>Construction .....</p> <p>Compliance .....</p>  | <p>26,432 sq. ft. facility<br/>         Building-in-a-Building masonry construction<br/>         Advanced fire detection<br/>         Automatic FE25 fire-suppression system<br/>         Secure Loading Docks<br/>         Secure Staging Area and Storage<br/>         Customer Workspace &amp; Conf. Room<br/>         Network Operations Center<br/>         Four disparate carrier entrances<br/>         Networking Meet-Me Room</p> <p>SOC 2 Type 2<br/>         HIPAA, FDIC, etc.<br/>         Wisconsin Act 73</p> |
| <p><b>Data Vaults</b></p>  | <p>Vault 1 (currently available).....</p> <p>Vault 2 (early 2023 availability)</p> <p>Vault 3 (available as needed).....</p> | <p>4,900 sq. ft.<br/>         Air-cooled, secure cabinets<br/>         Raised Floor<br/>         Hot/Cold aisle configuration with high-density cabinets available</p> <p>2,000 sq. ft.<br/>         Liquid-cooled Supercomputer vault<br/>         Concrete slab flooring</p> <p>4,000 sq. ft.<br/>         Air-cooled cabinets expansion<br/>         Custom-designed space available<br/>         Concrete slab flooring</p>   |
| <p><b>Power and Cooling</b></p>  | <p>Concurrent Maintenance Level</p>  | <p>4,000 amp underground utility power feed<br/>         Dual full-load, long-haul diesel generators<br/>         Dual UPS power conditioning &amp; battery backup systems<br/>         Redundant power distribution<br/>         Redundant Cooling systems<br/>         24/7/365 Monitoring (Equipment and Temperature)</p>  |
| <p><b>Carrier Neutral Connectivity</b><br/> <b>4 Disparate Carrier Entrances</b></p> | <p>Carriers .....</p> <p>Other .....</p>   | <p>Lumen (two entrances)<br/>         AT&amp;T<br/>         WIN<br/>         TW Telecom<br/>         Additional carriers being added (ask about updated status)</p> <p>Direct connection to the Azure Cloud<br/>         Dark fiber availability</p>  |
| <p><b>Security</b></p>   | <p>Facility Access .....</p> <p>Vault Security .....</p>   | <p>Security Vestibule with Tailgate Detection System<br/>         Internal room access security<br/>         A fully fenced perimeter with security gates<br/>         Video surveillance inside and perimeter</p> <p>Vault access security<br/>         Secure cabinets and cages<br/>         Video surveillance</p>  |
| <p><b>Beyond Colocation</b></p>  | <p>Unique Services .....</p>   | <p>Supercomputing<br/>         Hierarchical Storage (local and cloud hybrid)<br/>         Private Cloud</p>   |