Data Center Facility

About WIN Technology

A full service provider of wholesale transport services and next generation IP solutions.

Integrated IT solutions include a complete array of data center, internet, managed services, and leading edge telecommunications solutions to fit the individual requirements of your business.

Owns and operates the largest Wisconsin-based fiber optic transport network.

Meet and often exceed expectations for service delivery, provisioning, and reliability.

Data Center Location

Eau Claire, WI

Building

The site offers a discrete, yet substantial, facility for protecting critical IT and telecommunications equipment.

✔ A truck dock and 20,000lb freight elevator make equipment deliveries easy to accommodate.

✔ Steel-reinforced 8-11" concrete flooring.

✔ On-site HVAC, electrical, and security staff.

✔ Located in the building core. No exterior wall exposures.

Building Details

Power

- Dedicated 15 KVA feed from Xcel Energy, with switchable access to diverse Xcel Energy substation.

- Two dedicated and diverse substation inputs from Xcel Energy.

- 1600 Amp parallel switchgear system with Transient Voltage Surge Suppression for power source management and protection.

- Dual & Redundant Uninterruptible Power Supplies (battery back-up and power conditioning). Two Automatic Transfer Switches for pairing of utility substation and backup diesel generator.

- Managed PDUs in each cabinet, 120/208/240VAC and -48VDC.

Remote Visibility and Management

- Infrastructure Monitoring, Reporting, and Notification.

- 24x7 Network Management Center staff provides remote eyes & hands support.

Network

- Multiple fiber entrance WIN DWDM transport node provides protected high capacity connectivity.

- Legacy TDM and SONET connectivity connectivity up to 100G Ethernet.

- 2N architecture to the cabinet with no common points of failure between A and B power.

- DS1, DS3, OC3, OC12, OC48, 5 Mbps to 10 Gbps Ethernet, 2.5G and 10G wavelength services available.

Fire Suppression

- VESDA early warning smoke detection system.

- 3M Novec 1230 clean agent fire suppression system.

Cooling

- Redundant in-row cooling systems.

- Hot aisle/cold aisle layout.

Managed Security

Unified Threat Management platform, providing firewall, VPN (Point to Point and Remote Access), anti-virus protection, content filtering, and reporting.

Virtualized Server Platform

Operating on state-of-the-art computing platforms driven by VMware, the virtualization industry leader.