Power

Power Grid Diversity Offers Separate Power Feeds from Diverse Routes

Dual Synchronized 1,300 KVA Detroit Diesel Generators

Pooled UPS System Provides 1,600 KVA of Conditioned Power

High-Availability Power Runs Offer Diverse Power Paths at the Server Level

Network

Cisco Powered OTNet™ Network Provides Secure and Resilient Internet Connections

High-Availability Network Utilizes Multiple Internet Service Provider Feeds

Redundant Gigabit Network Provides Capacity On-Demand

Private Gigabit Connection for Data Replication to Secondary Online Tech Data Center

Data Center

Dry Pipe Fire Suppression System with State of the Art Laser Particle-Counting Technology

Multiple Levels of Physical Security with Two-Factor Authentication to Gain Data Center Floor Access

24x7x365 Video Surveillance on 16 Cameras to Record Activity

All Critical Equipment is N+1, with Full Redundancy Across Core Network and Security Systems

www.onlinetech.com

Mid-Michigan Data Center Overview

Michigan's Premier Managed Data Center Operator.
Online Tech helps clients manage their growing IT demand through our highly secure and reliable data centers. We offer a full range of colocation, managed server hosting, and private cloud computing services for the Great Lakes Region and throughout North America.

Industry leaders trust Online Tech to ensure their servers are always on, always online, and always safe.
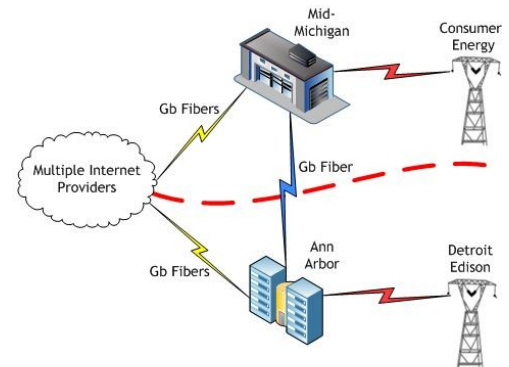Online Tech was incorporated in 1994 as one of Michigan's first Internet Service Providers (ISP). In 2003, Online Tech was acquired by new owners who made significant investments in data center and network infrastructure to make Online Tech Michigan's largest managed data center company. Since then, Online Tech's management team has positioned the company to win in Colocation, Dedicated Server Hosting, private cloud hosting markets. Clients choose Online Tech for high security, reliability, service responsiveness, and flexibility for their IT projects.

This unique facility offers world-class hosting facilities for mid-size and large enterprises.
The Mid-Michigan Data Center is located outside of Flint, Michigan. The facility includes a 24" raised floor and furnished power-protected office space. Space in the facility can be acquired in various sizes for use as a production or disaster recovery data center site. The facility is also equipped to meet the needs of those firms requiring office space for workplace recovery.

Dual Gigabit fiber connections provide diverse Internet connectivity to the data center.
Each of Online Tech's data centers are interconnected with dedicated Gigabit fiber for Internet traffic failover and routing of backup and disaster recovery data between data centers. With five Internet Service Providers (ISPs), our network automatically fails over between providers and network circuits should an anomaly occur.

Multiple power grid feeds, redundant networks, seamless DR and offsite backup

SAS-70 Type II certified data center.
The SAS-70 certification process includes an in-depth audit of the effectiveness of a Online Tech's internal controls. A SAS-70 Type II audit is very important to companies in the US that are required to comply with the terms of SOX, PCI, and HIPAA guidelines. Online Tech's SAS-70 Type II audit process offers all Online Tech clients the following competitive benefits and assurances that:

- The internal controls within the data center are in place, suitably designed, operating effectively

- Physical data center, server/hardware access, and IT infrastructure is secure

- The data center's control policies and procedures have been audited by an independent third party

- Customer data is safe, allowing businesses to further retain, attract, and build their business

OnLINE TECH
Colocation | Dedicated Servers | Private Cloud

Mid-Michigan Data Center Specifications

SAS-70 Type II

Fully Audited for Effectiveness of Internal Controls

First Data Center in Michigan to Complete SAS-70 Audit for Two Data Centers

Allows for Compliance with PCI DSS, HIPAA, and SOX Regulations

Currently Operating Under SSAE 16 Standards

Cooling Capacity

Over 400 Tons of Cooling Capacity with Full Redundancy

Heat is Mitigated by a 24" Raised-Floor, 11' Finished Ceiling, and Hot/Cold Aisle Configuration.

24x7 Support

Online Tech Support Technicians Are Available 24x7x365 to Assist Clients with their IT Projects

Online Tech Always Provides a Live Person to Answer Your Questions

Workspace Recovery

8,000 Sq. Ft. Available as Office Space, with 10 Walled Offices, and 50 Cubicle Stations

Shared Amenities Including Reception, Conference Room, and Kitchen/Dining Area

For more information on our private cloud, colocation, and dedicated server offerings, visit us at:

www.onlinetech.com

Category	Specifications
Facility	• Built in 1986 by EDS for General Motors as a disaster recovery data center facility; multiple facilities updates occurred between 2000 and 2010 • Single story, concrete and steel stand-alone building with loading docks • 18 ft roof deck height and 11 ft finished ceiling • 24" raised floor area with 1,200 pounds per square foot capacity • In close proximity of rail, road, and air transportation • All critical equipment is N+1, or fully redundant • Spare parts and maintenance contracts in place for all critical infrastructure
Security	• Electronic card door access controls, with numeric code and biometric authentication • Clients only have access to the colocation space • Power equipment, network infrastructure, and network operations equipment are segregated in locked rooms or cages with no customer access • 16 interior and exterior cameras for video surveillance and remote monitoring
Fire Suppression	• Two stage dry pipe sprinkler system, with double interlock pre-action dry pipe water • Laser particle detection protecting critical infrastructure • 24x7 monitoring of all building alarms
Electrical	• (2) 2,000 KVA, 8,000 volt utility feeds from separate substations via diverse paths • (3) 2,000 AMP Emerson switches; 100% filtered power • (3) pooled Emerson 562.5 KVA UPS • (2) Detroit Diesel 1300 KVA synchronized generators, with 5,000 gallons of onsite fuel • Redundant DC Power Plant with 180 wet cell lead-acid batteries
Cooling and HVAC	• Over 400 tons of cooling capacity, using Datac and Liebert System Air Handlers and Liebert CRAC chillers • Commercial HVAC/Heat Pumps control environment for office and common areas
Connectivity	• Gigabit Everywhere - Online Tech's data centers are interconnected with dedicated gigabit fiber, providing an ideal solution for clients that need high speed data transmission between their production and disaster recovery environments • Redundant Gigabit Internet Connectivity – multiple Internet Service Providers with automatic fail-over between providers should any network anomaly occur
Network	• Dual Cisco Production Networks - 100% Cisco network core routers and network switches deliver a high availability network directly to your servers • 100% Redundancy - Core routers, switches and paths to the Internet are fully redundant with automatic failover • Client Isolation - Each client is placed on their own private VLAN configured at the core and access switches, isolating each client from all other client's equipment • All customers are protected using virtualized firewall services
Dedicated Servers	• Dedicated servers with operating system management, patching, and monitoring
Managed Services	• OTMonitor™, OTManage™, OTBackup™, OTStorage™, Security, and Rack & Stack

Online Tech
Colocation | Dedicated Servers | Private Cloud

SAS70 AUDITED

305 E. Eisenhower, 3rd Floor
Ann Arbor, MI 48108
Phone 877.740.5028
www.onlinetech.com

v.31OCT2010