

**Power**

*Power Supplied from 720 KVA Transformer System*

*Natural Gas and Diesel Generators Provide 850 KVA of Emergency Power*

*Liebert UPS System Provides 375 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 a Double Interlock Pre-action Design*

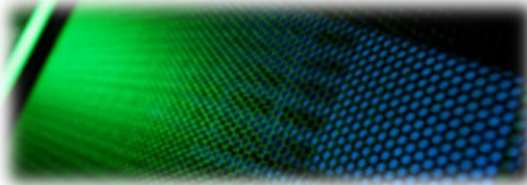
*Multiple Levels of Physical Security with Two-Factor Authentication to Gain Data Center Floor Access*

*24x7x365 Video Surveillance Using 8 Cameras to Record Activity*

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



## Avis Farms Data Center Overview



*The Avis Farms data center offers a premier location for production or disaster recovery server hosting.* The Avis Farms data center is located in Ann Arbor, Michigan, with close proximity to major highways and the University of Michigan. The facility includes 7,500 square feet of 12" raised floor data center area, high availability fiber Internet connectivity, and high availability power and cooling systems. The Avis Farms data center also offers geographic separation from Online Tech's Exchange Drive data center, providing diversified utility and network feeds to fulfill objectives of disaster recovery projects.

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

- Assurance that the internal controls within the data center are: in place, suitably designed, operating effectively.
- Assurance that physical access, IT infrastructure, data and network are secured against certain threats.
- Assurance that the data center's control policies and procedures have been evaluated and reviewed by an independent third party.
- Confidence that collocating with a data center operator that has undergone a SAS 70 Type II audit provides clients the ability to assure their own customers that their data and information is secure, helping them retain, attract, and build their business.

### **Michigan's premier Managed Data Center Operator.**

Online Tech helps our clients manage their growing IT demand through our highly secure and reliable data centers. We offer a full range of colocation, dedicated server hosting, and managed services for clients in 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 July, 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, and the Managed Data Center market. Clients choose Online Tech for high security, reliability, service responsiveness, and flexibility for their IT projects.



COLOCATION | DEDICATED SERVERS | MANAGED DATA CENTERS



## SAS-70 Type II

Fully Audited for Effectiveness of Internal Controls

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

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

## Cooling Capacity

Over 120 Tons of Cooling Capacity with Full N+1 Redundancy

Heat is Mitigated by a 12" Raised-Floor, 10' Finished Ceiling, and Hot/Cold Aisles

## 24x7 Support

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

Online Tech Always Provides a Live Person to Answer Your Support Questions

For more information on our colocation or dedicated server offerings, please visit us on the Web at: [www.onlinetech.com](http://www.onlinetech.com)

Email us at: [sales@onlinetech.com](mailto:sales@onlinetech.com)



# Avis Farms Data Center Specifications

Facility	<ul style="list-style-type: none"> <li>Built in 1996, the building is 10,500 square feet, with 7,500 square feet of raised floor space</li> <li>Single story, concrete, steel, cinder block, and aluminum building, with a dryvit exterior</li> <li>10' finished ceiling, with 12" raised floor data center area</li> <li>In close proximity of road, air, and rail transportation</li> <li>All critical equipment is N+1, or fully redundant. Spare parts and maintenance contracts in place for critical infrastructure</li> </ul>
Security	<ul style="list-style-type: none"> <li>Electronic card door access controls, with numeric code authentication</li> <li>Client restricted and controlled access to the colocation space</li> <li>Power equipment, network infrastructure, and network operations equipment are segregated in locked rooms or cages with no customer access</li> <li>8 interior cameras for video surveillance and remote monitoring</li> </ul>
Fire Suppression	<ul style="list-style-type: none"> <li>Dry pipe sprinkler system with double interlock pre-action zoned valve control</li> <li>Fenwall fire, smoke, dust, and subfloor water leak detection systems protecting critical infrastructure</li> <li>24x7x365 monitoring of building and environmental alarms</li> </ul>
Electrical	<ul style="list-style-type: none"> <li>720 KVA transformer utility feed, using 5 Liebert 3-phase power distribution units</li> <li>Liebert 225 KVA, and Liebert 150 KVA UPS battery backup systems provide 100% clean and conditioned power</li> <li>Cummins/Onan 500 KVA diesel generator with 30-hour capacity until refueled; 3,000 gallons of diesel fuel stored onsite in an underground tank</li> <li>Cummins/Onan 350 KVA natural gas generator with unlimited power capacity; connected to utility gas supply</li> <li>All generators are tested and maintained on a regular weekly and monthly schedule</li> </ul>
Cooling and HVAC	<ul style="list-style-type: none"> <li>Over 120 tons of cooling capacity, with Liebert air handlers; N+1 cooling is maintained</li> </ul>
Connectivity	<ul style="list-style-type: none"> <li>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</li> <li>Redundant Gigabit Internet Connectivity - using multiple Internet Service Providers, OTNet™ automatically fails-over between providers and circuits should any anomaly occur</li> </ul>
Network	<ul style="list-style-type: none"> <li>100% Cisco Production Network - dual, redundant Cisco network core routers and network switches deliver a high availability network directly to your servers</li> <li>100% Redundancy - OTNet™ core routers, switches and paths to the Internet are fully redundant with automatic failover</li> <li>Client Isolation - VLAN configuration isolates each client from all other client's equipment</li> <li>All customers are protected with hardware-based firewall services</li> </ul>
Dedicated Servers	<ul style="list-style-type: none"> <li>Fully managed dedicated servers are available</li> </ul>
Managed Services	<ul style="list-style-type: none"> <li>OTMonitor™, OTManage™, OTBackup™, OTStorage™, Security, Rack &amp; Stack, and Load Balancing available for collocated servers</li> </ul>
Remote Support	<ul style="list-style-type: none"> <li>Technical resources onsite for hands and eyes support</li> </ul>
Satellite Access	<ul style="list-style-type: none"> <li>Roof rights or lawn placement for wifi antenna or satellite dishes available</li> </ul>



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