

# Secant Data Center



## Southwest Michigan's only tornado-hardened, HIPAA & SOC-audited data center.

### PERFORMANCE BUILT

Secant's 3,400 square foot data center is backed by 15 years of data center design/build experience. Our team managed every aspect of the site selection, structural/architectural design, and construction of our locally-owned and operated facility. With ownership and operational control of all aspects of the data center, we provide long-term stability and ensure maximum up-time and quality customer experience.

Located equidistant from Chicago and Detroit, it provides a geo-redundant disaster recovery site for many regions, including cities such as Grand Rapids, South Bend, and Indianapolis.

It is engineered beyond Tier 3 standards – the data center industry's criteria for power, cooling, maintenance, and capability to withstand a fault. The hardened facility and equipment yard is built to FEMA 361 criteria, meaning it can withstand sustained high or straight-line winds – even a direct tornado strike.

The acquisition of equipment used for colocation in our data center is exempt from sales tax. Talk to our Data Center Team to learn more about this incentive for your organization!

### BUSINESSCLOUD HOSTING

Our secure, private hosting is built for business and provides a virtual data center with the exact set of services you require. We offer all the standard applications, including the full complement of Microsoft applications. More importantly, we can also host the custom applications that are critical to your business operation, including vertical market applications and independently developed solutions. Our customized solutions can also include hybrid integration with Microsoft Office 365, Azure and Amazon Web Services.

### COLOCATION

Colocation is more than just space. And you are more than just our tenant – you're our partner. We provide state-of-the-art facilities without the cost associated with building out or expanding in-house. Our secure receiving and staging area allows equipment to be unpackaged and setup for operational testing prior to installation in your rack. Flexible colocation solutions include:

- Per rack with dual UPS-fed power
- Auditable rack access for compliance
- Per rack unit bundled with power allocation

### DISASTER RECOVERY

SecantSTOR DR utilizes virtualization technology to replicate complete sets of servers, including operating system and data, from your site to our data center. In the event of a major disaster at your site, this replica can be used to bring your servers online at our data center so critical services are available. Any of our Kalamazoo, Grand Rapids or Southfield data centers can be used as a recovery site.

### BUSINESS CONTINUITY

Should your primary business location become unavailable, we offer a work site recovery suite complete with everything you need, from thin clients, desks and power to phones and connectivity to house your critical staff. In addition, these facilities can be used annually to test your disaster recovery plan and provide validation to key stakeholders.



## COMPLIANCE

Secant invested in the critical infrastructure, tools, services and trained personnel required to achieve regulatory compliance. We adhere to the highest standards and best practices for business process control, data security, and privacy.

After completing rigorous third party audits, Secant's Data Center is both HIPAA and SSAE 16 SOC I compliant. Our standards, policies, procedures and security controls are meticulously documented and audited to demonstrate and validate compliance. This allows us to provide a framework for our clients to comply with their own industry standards, such as PCI, CJIS and ITAR.



## MANAGED ONSITE SECURITY

Implementing high speed internet or site-to-site connections requires the upfront expense of routers, firewalls and VPN concentrators. Secant's Managed Onsite Security Service provides complete solutions including VPN Services (site-to-site and mobile VPN), Managed Firewall and Managed Content Filtering. For a low monthly fee, these services include all required hardware, on-going support, configuration changes, 24x7 monitoring, circuit troubleshooting and hardware repair.

## INNOVATIVE GREEN DESIGN

Secant's commitment to energy efficiency and environmental responsibility is demonstrated in our innovative green data center design for maximum efficiency.

### Power Delivery Efficiencies

- UPS – 99+% efficient
- Flywheels – no lead acid batteries
- Bi-fuel generators – 80% less diesel
- 5x longer runtime in outage
- Server PS – 94+% efficient

### Efficient Cooling Design

- 100% free cooling – 6+ months/yr
- Partial free cooling – 4 months/yr
- Optimized air flow – 60% savings
- Intel 'Flooded Cold Aisle' design

## DATA CENTER ESSENTIALS

All clients hosted in our data center receive the following:

- Enterprise-level SSD accelerated storage (main site and DR site)
- Latest version of Windows Server
- 10Gb networking
- Daily image-level backups
- Daily file-level backups with 365-day retention
- Daily image-level replication to second data center more than 150 miles away
- 24/7 server monitoring and support from our Service Desk
- Elastic server resources to scale on demand
- Flexible 'not square' cloud resources
- Accessible engineer-level support team including migration and design
- Extensive library of monitoring and automated reaction services

## BUSINESS INTERNET CONNECTIVITY

The core of Secant's Data Center is our business class ISP built using Cisco Systems equipment. When you are connected to Secant, you are connected over many redundant fiber links, both aerial and underground, to eight top-tier bandwidth providers. Working with our partners, we can mix and match connections to best fit your needs including: MPLS, T1 circuits, private dedicated circuits, cable modem connections, private 4G wireless data, and high-speed fiber optic connections.

We monitor circuits 24x7 and have certified engineers on call if trouble appears. We offer detailed reporting on your bandwidth with graphing and NetFlow data.

## ONLINE BACKUP & FILE SYNCHRONIZATION

SecantSTOR provides affordable, automatic off-site backup for anything from a single laptop to a complete set of servers. SecantSTOR uses advanced file delta technology to backup only the portions of files that have changed to our data center. Your off-site data is protected by 256-bit AES encryption. Each night, a second copy of your data is replicated 150 miles away to provide a geo-redundant backup.

SecantSTOR Sync brings you the convenience of cloud storage with file synchronization without sacrificing security or IT control. With Sync, you can access files from anywhere, any device, even when you are offline.

## INDUSTRIAL STRENGTH EMAIL FILTERING

Secant's Email Defender solution can eliminate 99% of the junk mail heading to your organization before it ever hits your mail server. This includes emails with attachments containing problematic files. Improved security translates into improved productivity, less down time, and lower network support costs.

Many email platforms, such as Microsoft Office 365, only include a minimal level spam filtering. Email Defender is a cloud-based solution that utilizes advanced artificial intelligence to give you an evolving, comprehensive level of defense the others don't provide.