



Hilliard Data Center Specifications

The LexisNexis® Global Data Center Network...
World Class Protection for Data Security

If a data crisis occurred, is your firm prepared to maintain business continuity with effective data backup and protection?

Rely on LexisNexis, a technology provider with 35 years of legal industry experience, strong data management and world-class global data centers, for peace of mind in the area of data backup and protection.

Protect your firm against business interruption, gain higher levels of security and reduce risk exposure by using LexisNexis® Managed Technology Solutions—tailored specifically for law firms to ensure systems availability, data security and compliance.

The Hilliard Data Center is a top-tier, high availability data center, serving as a hosting site for law firm data and systems, protecting against business interruptions. Services include:

- **Backup and recovery**—Safeguards data by making multiple onsite and offsite copies of the data to be restored in the event of disaster, data corruption, hardware failure, or human error.
- **Replication**—Using real-time or near-real-time, data is moved to a location outside the primary storage system or to another facility to allow for quick restoration in the event of physical damage to systems and buildings.
- **Security**—Applies best practices and

security technology to the storage system to augment server and network security measures.

- **Systems and application management**—Exceptional service delivery with 100 percent satisfaction rates for management of law-firm systems and applications.
- **Network services**—Network design and consulting, validation and testing, implementation, management and monitoring.

Hilliard Location

5000 Britton Road, Hilliard, OH 43026

The convenient location means greater efficiency for you when visiting the data center.

- Redundant Power and Cooling Systems backed up by dual generators
- Utility Power from 2 diverse substations, each with a separate entrance into the building
- Multiple Local Access Network providers

Security

Security procedures including Intrusion detection and prevention for interior and exterior spaces:

- All doors leading into the facility and the data center require security badge as well as personal identification number.
- Access to data center is limited to authorized personnel.
- Card readers and closed-circuit Camera surveillance is in use.
- Nearest Police Facility is 2 miles away
- Tapes and digital images from cameras are kept for 30 days

Locked cabinets are preferred as the whole area is monitored 24/7 with security cameras.

Power

Maximum power protection maintains data security at all times.

The facility is supported by two diverse substations, located in Hilliard and Dublin. There are diverse entrances to the facility from these substations, one entrance is provided from an aerial feed and the other is provided from an underground feed. No disruption or degradation of service if one substation fails.

- Two commercial power feeds of 13,200 Volts to the site. The S & C switchgear contains an automatic transfer switch (ATS) that will transfer to the Alternate source of power upon failure of the preferred source.
- The UPS connections are a N+1 system - Two separate UPS system feeds to the hardware.
- The PDUs are fully diverse so that a rack can be provided power from two completely diverse systems. All PDUs are powered from the data center UPS Feeds A & B.
- Two 2000KW Caterpillar generators provide backup. Generators have sufficient fuel levels for a minimum of 36 hours each.
- The facility can run on batteries for 15 minutes. It takes approximately 10 seconds for the Generators to come online.

Cooling

Creates an ideal climate for ultimate data storage conditions.

During normal operations, the data center secondary pumps deliver

chilled water to (8) 25-ton ECUs (Environmental Control Units). The 8 units have a total capacity of 200 tons. There is an additional 200-ton reciprocating chiller on the roof of the data center that is a backup for the primary central system.

Cabling

All cables are run under the raised floor. Power cables are on the bottom. CAT5 and fiber cables are in troughs or interduct where available. LexisNexis has a preferred contractor for Cabling per the detailed cabling designs that are created by LexisNexis and Client engineering team.

Cooling equipment:

- Data center ECU (original house system) 8 ea. fan coil chilled water units. (Liebert FH 529C all with generator backup).
- Data center ECU (stand alone system) 3 ea. Gly-cool units (Liebert FE363GUAA01) and 8 ea. Gly-cool units (Liebert FE240GUAA01)
- Generator back up providing total cooling capacity of 200 tons.
- Two gly-cool units support the main UPS room.

The heat exchangers are configured for N+1 redundancy. Cold air flow is from under the floor which then goes from front to back of the computer equipment inside the hardware cabinet rack.

Between 30 percent and 40 percent humidity is maintained in the data center. CRAC units maintain the humidity and alarm if the threshold is passed.

Fire Prevention

Integrated support throughout the facility for immediate protection.

The data center is protected by CO2 under the floor and a pre-action system. Ion and photocell smoke detectors are used for detection.

Leak Detection

There are leak detectors under each ECU. Contact relay wired into the ECU alarms will notify the EMS of any alarms. There is a drainage system under the floor that dumps into a sump pump reservoir any water that may accumulate under the floor.

Network Capabilities

Provides a seamless interface to critical network connections.

Primary service is provided by Verizon Business. Alternate access is available through SBC or Time Warner Telecom (TWTC). T1 through OCx circuit sizes are supported.

From a local access perspective, the facility is equipped with both a SBC public ring with OC12 capacity, and a fully auto restorable OC192 ring provided by VzB. It also is equipped with an OC48 ring provided by TWTC.

Diversity from a local access perspective is provided via VzB OC192 fully auto restorable ring as described above.

Customers may purchase connectivity from LexisNexis and also bring in non-LexisNexis circuits from an alternate carrier. This is an ICB process, where LexisNexis will work in conjunction with the customer, carrier and co-location facilities to add the requested carrier into the facility.

Smart Hands

Dedicated Hands and Eyes Support allows customers to use LexisNexis operations technicians to perform various tasks within their hosted LAN environment, including:

- Physical equipment installation (rack/stack)
- Power cycling of equipment
- Securing Cabling
- Setting LAN switches
- Swapping back-up Tapes
- Entering commands into server machines from a keyboard
- Basic OS configuration
- The response times for 24/7, on-site, Hands and Eyes Support is 30 minutes. This service includes onsite technicians, working 4-shifts, 24 hours a day, 7 days a week.

Contact

For more information email:
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