



## Springfield Data Center

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 Lexis® Managed Technology Services (U.S. & Canada). Tailored specifically for law firms to ensure systems availability, data security and compliance.

**Springfield Data Center** is a top-tier, high-availability data center that serves 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.

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*62,000-square-foot data center  
Safe Harbor and SSAE 16 Certified*

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### Springfield Location

601 Benjamin Drive. Springfield, OH 45502

Our Springfield location offers a 62,000-square-foot data center with 20,000-square-feet of raised flooring, 20,000 square feet of office space and an 18,000-square-foot mechanical/ electrical plant. It features:

- Two 2,000-KW generators
- Four 500-KV static UPS modules in two separate systems
- Two 350-ton air-cooled chillers

This facility was designed for expansion into an 80-watts/sf data center upon full fit out and the structure is designed to withstand a 150-mph wind.

## Power

*Maximum power protection maintains data security at all times.*

Each cabinet is fed from two separate RPPs (remote power panels). Each RPP is fed from separate STS PDUs. Each STS PDU is fed from two UPS systems. The power characteristics at the Springfield facility are described below:

- Utility—Currently fed from one utility substation; provisioned for two in the future.
- UPS—“A” and “B” side UPS with 15-minute minimum battery backup on all UPS systems. The UPS is an isolated redundant system.
- Emergency—Three 2-megawatt diesel generators synchronized to each bus. Generators share a 30,000-gallon underground fuel storage tank and are capable of operating for up to 14 days without refueling.
- Power distribution—216-kVA static switch power distribution units paired “A” and “B,” fed from “A” and “B” UPS system.
- Monitoring—A power measurement electrical monitoring system monitors the main distribution to the UPS, from the UPS to the PDU and from the output of the PDU to the rack.

## Cooling

*Creates an ideal climate for ultimate data storage conditions.*

The chilled water system is set up with N+1 redundancy.

- Air-cooled screw chillers—1,200 tons of cooling capacity.
- Chilled water storage tanks—4,000 – 5,000 gallon tanks for backup.
- CRAC—Downflow units on the computer room floor fed from a chilled water loop; powered from each of the electrical buses.
- The computer room floor is used as the supply plenum.
- Perforated/grated tiles supply front-to-back cooled hardware with air.
- Monitoring and Control—Andover Building Automation Control System.

## Leak Detection

*Leak detectors are positioned around every CRAC unit under the raised floor and drains.*

Integrated support throughout the facility for immediate protection:

- Zoned smoke detection above and below the raised floor.
- FM200 fire suppression below the raised floor.
- Double-interlocked pre-action (dry pipe) sprinkler system.
- AnaLaser® Early Detection/Warning System throughout the computer room.

This system is monitored both locally and remotely from our Miamisburg data center. The nearest fire department is 2.8 miles from the facility.

## Network Carriers

### Delivery:

Staging area for equipment unpacking and setup is provided. Staging area presently would be on the secured shipping dock, which is under closed-circuit camera surveillance. FedEx®, UPS and DHL® pick up and deliver on an as-needed basis.

The Springfield data center is a type-1 access for the following carriers: tw telecom® and SBC Communications.

All other carriers, such as: AT&T®, Verizon®, MCI, Qwest, Global Crossing®, BT, etc., can access the LexisNexis data centers via one of the type-1 carriers listed above. LexisNexis has pre-negotiated agreements in place with each of the type-1 carriers that governs cross-connect charges.

LexisNexis offers hosting customers a wide variety of Internet speeds ranging from fractional T-1 services through 100-Mbps Internet services.

These services can be delivered by virtually any of the major Internet Service Providers (ISPs). A combination of ISPs can also be utilized to provide a high-availability Internet solution if required. Public IP addressing is included with all Internet service providers.

## Security

*Fully staffed building personnel and state-of-the-art security systems protect all aspects of your data storage.*

### Key Features Include:

- Swipe access with PIN code required to enter main doors to the data center.
- Mantrap revolving door to enter off the lobby.
- Data Center Security Control is staffed 24/7 x 365. Data Center Security Control in Miamisburg monitors Springfield in the event the security guard must leave his post.
- CCTV—some with pan/tilt/zoom. Cameras are recorded for a minimum of 30 days.
- Access is electronically logged for all door openings and closings.
- Escorts are provided for all hosting clients requiring access to secured areas. Clients are signed in and escorted to their space by Systems Operations. If in a caged area, a phone call is made to Systems Operations when ready to be escorted out of the facility. If your area does not have a cage you will require a full escort at all times.
- Facility and parking lot is fully enclosed by a security fencing system.

## 24/7 Operations Support

*On-site staff provides 24/7 remote hands and technical support:*

- Fully Managed Services
- Power cycling equipment
- Push a button, toggle a switch, set a dip switch, secure cabling to connectors
- Observe, describe or report on indicator lights or display information on equipment or consoles

## Contact

For more information email:  
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