



GETTING A GRIP WITH DISASTER PREPAREDNESS

The time to start planning for a disaster is not in the middle of the next disaster. Be ready and KNOW that you're ready. NYI consults and guides companies of all sizes to ensure their business operations are backed up — and more importantly remain operational when disaster strikes.

We've pulled together a useful checklist to get you thinking and help you plan. Contact NYI to take action and get additional measures in place. Be ready and be confident that you are protected.

SO, ARE YOU READY?

- Do you currently have a DR plan in place?
- Have you tested your plan in the last 12 months?
- Does your DR plan include a data center facility as a secondary site?
- If you are currently using a data center, is there a failover plan to another data center or office location if needed?

IS YOUR DATA CENTER PROVIDER READY?

PRIMARY SITE

- Does your primary data center own and operate their facilities?
- Do they have to contact third parties or building owners to access generators and power/cooling systems?

ENVIRONMENTAL SYSTEMS

- Are there generators and back up power and cooling systems?
- Does the facility offer SLA's for power uptime?
- Have you verified that the site has state-of-the-art smoke detection and fire suppression systems, FM200 systems?
- Are there redundant connections to utilities such as water, power?

EXPERTS AND RESOURCES

- How many IT professionals are on staff 24/7?
- How many techs are on call?
- What is the data center's service response time?
- Do they offer clearly defined escalation paths in SLA's?
- How is system performance measured and monitored?
- Do they offer remote hands to address equipment or network issues if needed?

LOCATION

- Does the facility have easy access to and major highway exchanges or railroads?
- Is it in close proximity to fuel storage tanks?
- Is the building near hazard zones such as flood plains or manmade hazards such as oil refineries, chemical factories or industrial centers?
- Are there clear procedures for shipping equipment in case quick replacement is needed?
- Does the facility offer secure and sheltered shipping/receiving docks so equipment can be unloaded easily without exposure to the elements?
- Does the facility have a break room, phones, workstations for use with hard wired and wireless networking connection, and access to secure parking?
- Is the facility certified for SSAE16, HIPAA, SOC & PCI?
- Does the facility have raised floor with fire and flood sensors throughout?

SECONDARY SITE

- How far is your secondary site from your primary location?
- Is your secondary site located outside of areas affected by hurricanes, earthquakes, tornados, floods, and deep freezes?
- Is your secondary site easily accessible via several major highways and/or an international airport?
- Does your secondary site include office space for your employees?

Contact NYI today to learn how to reinforce your existing DR Plan or create a new one.

800.288.7387 / 212.269.1999 / salesteam@nyi.net / www.nyi.net

NYC LOCATION – DATA CENTER FEATURES

- Located in the heart of Lower Manhattan with direct connectivity to all major exchanges and peering networks
- Skilled onsite support, available around the clock when you need it 365 days a year
- Low-latency access to 999 Frontier, NYI's DP BCP facility less than 40 miles away in Bridgewater, NJ
- SSAE16, HIPAA, SOC & PCI compliant
- Over 30,000 square feet of usable data center space
- 18" raised floor with fire and flood sensors throughout
- Roof access available, with clear line-of-sight in all directions
- Fully Serviced NYI Client Lounge with vending machines for drinks/snacks

CONNECTIVITY

- Low-latency connectivity for trading platforms, backup processes, and other latency-sensitive applications
- Sub-millisecond market connectivity guarantee

SECURITY

- Multiple layers of hardened physical security
- 24x7x365 on-site security
- CCTV surveillance with digital storage
- Multiple layers of electronically controlled card access
- Biometric access

POWER

- 100% power & environment guarantee
- 5 MW of power available, 20MW available for future expansion
- 2N + 1 UPS configuration (over 2MW capacity) with 15 minutes of battery runtime at full capacity
- 2N generator configuration with an 11,000-gallon fuel tank capable of operating the facility for up to 72 hours at full capacity without refueling
- Power density of over 150 Watts per square foot
- RussElectric Automatic Transfer Switch Gear (ATS), which switches to generator power within 90 seconds of commercial power loss
- Hospital-grade fueling contracts with multiple vendors to ensure priority refueling

COMPLIANCE

- SSAE16, HIPAA, SOC & PCI compliant

FIRE DETECTION/SUPPRESSION

- Zoned, triple pre-action VESDA fire suppression system
- FM200 fire suppression for all UPS rooms
- Fire-rated walls for added protection

NJ LOCATION – DATA CENTER FEATURES

- Located less than 40 miles from Lower Manhattan
- Skilled onsite support, available around the clock when you need it 365 days a year
- Standalone NJ building with over 40,000 square feet
- 24" raised floor with fire and flood sensors throughout
- Roof access available, with clear line-of-sight in all directions
- Designed for optimum airflow and humidity ambient temperature range of 68° to 75°F (20° to 24°C)
- N + 1 redundant cooling
- Raised floor delivery

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