

one world
one connection

MainOne

ADDRESSING SECURITY CONCERNS IN A DATA CENTER



Your data, consisting of customer information, transactions and other business-critical information, is one of your company's most valuable assets. In today's world, a company cannot afford to lose its data or experience data breaches.

Compromised data affects consumers, merchants, and financial institutions as a single incident can severely damage your reputation and your ability to conduct business effectively. Data breaches may lead to catastrophic loss of sales, relationships, Lawsuits, Insurance claims, Cancelled accounts, Payment card issuer fines and Government fines.

From large corporations to small ones, compliance with regulatory certifications are vital to organizations because keeping your customer data secure is of upmost importance. Therefore, when considering colocation at a commercial data center, strict compliance at the facility to global security standards, such as the Payment Card Industry Data Security Standard (PCI DSS) and Information Security Standards, should feature as a key selection criteria.



Hosting your equipment with a provider that is compliant to global standards provides the assurance that your systems and sensitive customer information remains secure. These certifications ensure compliance to globally accepted as well as commitment towards the security and protection of the company's information assets.

The PCI DSS accreditation is the most comprehensive, internationally recognized data security consisting of robust and comprehensive standards, and supporting materials to enhance payment card data security. These include a framework of specifications, tools, measurements and support resources to help organizations ensure the safe handling of cardholder information at every step. It provides an actionable framework for developing a robust payment card data security process -- including prevention, detection and appropriate reaction to security incidents.

The ISO 27001 standard is a globally recognized Information Security Management System (ISMS) standard which specifies the requirements for a business to establish, implement, review, monitor, manage and maintain effective information security management systems. By preventing and minimizing the impacts of security incidents, ISMS ensures business continuity, customer confidence, protect business investments and opportunities, or reduce damage to the business. Ultimately, the standard ensures best practice for security controls to protect information assets.

Security in the Data Center cannot be over emphasized and outsourcing your Data Center operations to a Certified Colocation Provider that imbibes global security policies and procedures to mitigate data breaches remains the best choice for IT Professionals.



THE MAINONE DATA CENTER, MDX-i

MDX-i's Lekki Data Center is a Tier III facility located approximately 30km from Victoria Island, Lagos. The Data Center is of world class carrier-grade and has been designed with a strong focus on security. It is PCIDSS and ISO 27001 certified.

The data center is situated next to MainOne's cable landing station facility with access to the 1.92 Tbps international subsea cable, a world-class IP NGN network, extensive terrestrial fiber networks, all the major network operators and Internet Service providers