

Thank you

Zainab Oke

Marketing Analyst
+234(0)80 9040 4138
08022222746
Zainab.Oke@mainone.net

FABAC Center, 3b Ligali Ayorinde Street, Victoria Island, Lagos, Nigeria
T +234 (1) 448 9500 | www.mainone.net



Connectivity | Managed Services | Media Services | Data Center Services

From: Frances Eza

Sent: 05 August 2015 17:03

To: Zainab Oke

Subject: FW: July Newsletter- Addressing Security concerns in the Data Center

Revised. See below.

Frances Eza

Marketing Communication Manager
+234(0)80 9040 4048
+234 8067 093 374
Frances.Eza@mainone.net

FABAC Center, 3b Ligali Ayorinde Street, Victoria Island, Lagos, Nigeria
T +234 (1) 448 9500 | www.mainone.net



Connectivity | Managed Services | Media Services | Data Center Services

From: Zainab Oke

Sent: 05 August 2015 15:32

To: Frances Eza

Subject: FW: July Newsletter- Addressing Security concerns in the Data Center

Dear Frances,

Pls help proof read.

VIEW ONLINE 



one world
one connection


MainOne

According to Network World, an independent contractor in 2013 accessed Primedia's network operations and stole hardware that had information on employees, former employees and job applicants.

DATA CENTER SECURITY CONCERNS - WHAT TO LOOK OUT FOR

Your data, consisting of customer information, transactions and other business-critical information, is your company's most valuable asset. In today's world, a company cannot afford to lose its data as it impacts its ability to conduct business. The easiest way to cripple a business, government or an individual is to attack their data. With the increasing volume and cost of data breaches, C-level executives have begun considering IT security, a larger business risk. Therefore, protecting your IT Infrastructure, which houses this data, is of great importance to

any organization. Given the current trend where most companies outsource their data center operations, there are security benefits to be gained with a 3rd party Data Center provider. However it is important to understand the areas of security breaches and ensure that the data center operator addresses them adequately. The information below highlights things to look out for.

WHAT TO LOOK FOR IN A DATA CENTER

Access Controls- this is an important element in terms of Data Center Security and you should seek out a provider that strictly controls access to sensitive areas of the facility. For example, evidence of biometric readers located at all entry and exit points with only authorized data center personnel having access to the facility. It is also recommended that the Data Center provide logs from the biometric readers for audit purposes.

Monitoring- Your Data Center of choice should have surveillance cameras installed around the perimeter of the building, at all entrances and exits, and at every access point throughout the building. Monitoring should however not stop here, but should also include secure areas within the facility. A combination of motion-detection devices is also required and footage should be digitally recorded and stored. Installation of cameras and monitoring devices such as CCTV control systems is essential to monitor all external and internal areas of the facility continuously.

Processes- A key requirement when selecting a colocation provider is the processes they put in place to prevent unauthorized access to the facility. Be on the lookout for a provider that has very strict rules and procedures in place such as visitor pre-approval, visitor screenings, authorized escort into the premises. Proper photo identification/badge should be provided to every individual accessing the data center. It is also required that all access history is recorded and stored for

audit by clients, as needed. Organizations need to be in compliance with the laws regarding customers' data and therefore need to select a provider that is up to industry standards in compliance. A standard Data Center facility should be fully compliant with Global Security and Quality standards including ISO 27001 and PCI DSS. This is essential to help control and minimize risk of fraud or compromise of sensitive information. PCI certification is critical for web-based businesses to safely process online payments in business-to-consumer and business-to-business transactions.

Security in the Data Center cannot be overlooked and outsourcing your Data Center operations to a Certified Colocation Provider that imbibes best security policies and procedures to mitigate security risks of physical attacks remains the best choice for IT Professionals. With this decision, one is able to minimize the risks, both internal and external that may arise from collocating in house. It is also beneficial [that](#) the Colocation Provider manages and operates a secure network of its own to complement the security policies that the company adopts.



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.

Our facility is monitored using digital cameras, biometric access control, and qualified security personnel 24/7 restricting access to authorized personnel only. Access to your equipment will only be authorized as pre-agreed and advised by yourselves.

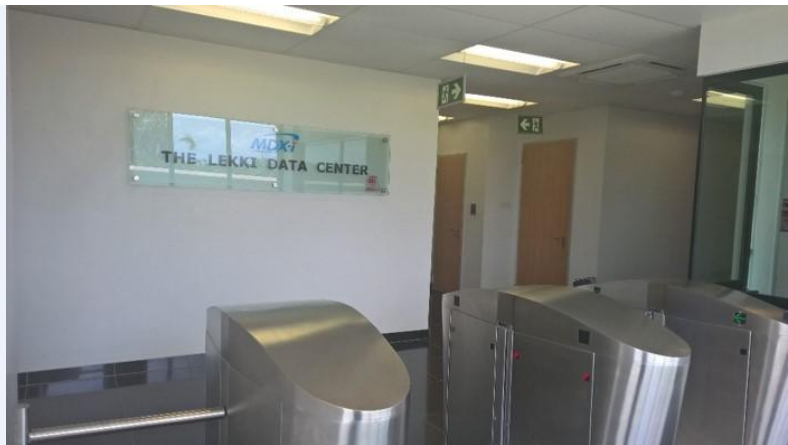
The data center is situated next to MainOne's cable landing station facility with access to the 1.92 Tbps international subsea cable, a world-class IP NGN network, extensive terrestrial fiber networks, all the major network operators and Internet Service providers

<http://www.mdx-i.com/>

Exterior View of the MDX-I Data Center.



Bullet -proof Reception Area at MDX-i



Rack containment Area in the Data Center to protect your equipment



***Network Operations Center
showing the Video Wall.***



More information is available at Data Center Dynamics:

<http://www.datacenterdynamics.com/research/risk-management-best-practices/94001.article>



Fabac Center
3B Ligali Ayorinde Street
Victoria Island
Lagos-Nigeria
+234 (1) 342 2000

WE ARE SOCIAL





© copyright 2015 All right reserved

[unsubscribe](#) | [update preference](#)