



## CASE STUDY:

# Network International significantly improves payment infrastructure services with MDXi, an Equinix Company

“Our partnership with MDXi has led to significant improvement in reliability and latencies which has translated in the enhancement of our overall delivery of service to our customers in the region.”

**Perry Addo-Quaye, Managing Director,  
Network International Ghana**



## Business Challenges

Network International (NI) is a leading payment solutions provider in the Middle East and Africa (MEA) region, serving over 150,000 merchants and partnering with over 200 financial institutions across major markets in the MEA region including the United Arab Emirates, Jordan, Egypt, Nigeria, Ghana and South Africa. NI's cutting-edge payment products and services simplify commerce and payments for their customers, driving revenue and growth.

NI identified some challenges while delivering services to financial institutions in the West African sub-region, primarily the need for enhanced data protection and compliance with regulatory requirements for local data domiciliation.

NI also looked at further boosting connectivity performance by minimizing latencies on long-distance routes. Recognizing the need for a robust hosting solution to accelerate the growth of their business, NI partnered with MainOne's MDXi, an Equinix Company, to address these challenges.



## Solution Deployed

MDXi's solution architects designed and deployed a secure colocation solution for NI's critical digital infrastructure at its Tier III Data center facility, MDXi Appolonia, in Accra Ghana. This solution included energy-efficient, direct exchange, containment cooling for the racks to ensure optimal performance for NI's equipment. In adherence to Tier-III Data Center standards, NI's racks were also powered by redundant energy sources, guaranteeing constant availability of clean power to their equipment.

The network connectivity design, deployed via last mile fiber carriers over a diverse route architecture, guaranteed low-latency, high availability, and high throughput, allowing seamless access to services by end users and seamless remote infrastructure management by NI engineers.





## Results

The solution provided to NI had a significant impact on their operations and enabled them scale rapidly in West Africa, delivering the following benefits:



**Regulatory Compliance:** NI was able to comply with local data domiciliation regulations.



**Scalability:** NI can easily scale resources within their provisioned racks and expand as needed, providing flexibility for future growth.



**Enhanced Reliability:** NI achieved zero outages for their core network infrastructure and applications, ensuring uninterrupted services and bolstering its reputation as a reliable payment platform in the sub-region.



**Improved Customer Experience:** End-users experienced faster response time while using NI's payment platforms, enhancing their overall customer experience.



**Cost Optimization:** NI optimized costs by leveraging MDXi's shared Data center facility without significant CAPEX investment.



**Enhanced Security:** Hosting at MDXi ensures data protection, with secure and dedicated links for connections to financial institutions, meeting global standards such as PCI DSS, ISO 27001, and ISO 9001.



## Conclusion

By partnering with MDXi Appolonia, NI was able to facilitate direct interconnection with financial institutions, all within a highly secured and reliable environment that adheres to global standards.

This transformed their business operations resulting in improved service and enhanced customer experience.



## Learn more

To learn how MDXi can support your business in its digital transformation journey, please contact your Account Manager or email [info@mdx-i.com](mailto:info@mdx-i.com)