

Executive Summary

MTN is Africa's largest mobile network operator, sharing the benefits of a modern connected life with 272 million customers in 19 markets across Africa and the Middle East. MTN Nigeria was seeking a Multi Service platform to serve its corporate remote VoIP, enterprise and Cellular Backhaul customers. SpaceBridge provided its Hub equipped with WaveSwitch™ capabilities, offered with the U7400, a professional modem that dynamically switches from TDMA to SCPC based on a predefined set of triggers, designed to serve remote Cellular backhaul sites.



Challenge

Extend reach and deploy remote rural cellular backhaul for CBH links in a multi band and multi satellite environment, with the ability to grow and add various other types of applications over the same platform

Solution

SpaceBridge provided its Hub equipped with WaveSwitch™ capabilities, offered with the U7400, a professional modem that dynamically switches from TDMA to SCPC based on a predefined set of triggers, designed to serve remote Cellular backhaul sites.

Additionally, SpaceBridge's C7700, a broadband Internet satellite modem was offered to provide VoIP and corporate internet and enterprise connectivity to remote sites.

Results

The solution provided by SpaceBridge allowed MTN Nigeria advantage of a single platform with high flexibility, high efficiency, and high capacity to provide quality communication links for different applications.