



Orange Cameroon Relishes Cambium Networks F300-19R Reliability in Performance During Peak Demand.



“Orange Cameroon is impressed with the link as the capacity and performance achieved is satisfactory. This platform will sustain increasing demands in capacity needs for years to come.”

ABDALLAH NASSAR,
NETWORK ENGINEERING AND DEVELOPMENT DIRECTOR,
ORANGE CAMEROON

The Customer

ORANGE CAMEROON COMMENCED OPERATIONS within Cameroon’s telecommunications space in 1999 and has been a major player in providing communication services to individuals and businesses nationwide. Having deployed fixed wireless broadband infrastructure extensively, Orange is considered the leader in enterprise solutions with unmatched services.

Orange Cameroon now uses Cambium Networks equipment on its network with a significant number of deployments being the F300-19R. The robust nature of the devices guarantees quality service as a result of low latency, high capacity and high availability.

The Challenge

THE CONSTANTLY EVOLVING INTERNET SPACE has made the Ministry of Post and Telecommunications (MINPOSTEL) as well as the Telecommunications Regulatory Board (TRB) to constantly engage operators and ISPs to standardize their services so that the clients can benefit from quality internet service. Frequent interruptions in clients’ service as a result of poor performance of existing network infrastructure, high latency and poor monitoring views of the network were the setbacks faced by Orange on managing their network. Orange needed to ensure performance by adopting an appropriate fixed wireless broadband solution that would be efficient in spectrum utilization, robust and able to curb latency.

The Solution

ORANGE CAMEROON WAS INTRODUCED to Cambium Networks’ ePMP platform by Greenline Technologies. A 45-day trial was done wherein seven links of several product across the ePMP and 450b model were installed by SIS Networking, with the details of installation.



Prior to installation, the LINKPlanner design tool was used to plan the network, and the results guided the engineers on the field to execute the survey and the installation proper. The monitoring and maintenance process was made even easier with the use of the cnMaestro NMS which gives a 360-degree view of the network. The outcome of the trial was Orange ordering a significant number of links of F300-19R.

ePMP is part of the Cambium ONE Network, which simplifies operations by providing one secure IT experience, transforming the network from a collection of disparate parts to a unified architecture. The platform integrates Wi-Fi, switching, network security, SD-WAN and outdoor fixed wireless infrastructure into a single framework managed by cnMaestro™ cloud management.

Next Steps

ORANGE CAMEROON ENVISIONS increasing their infrastructural deployments by integrating other Cambium Networks products into their network. The deployment of wireless solutions is quickly accelerating, and easy-to-deploy solutions such as Cambium Networks stands out in the technology space.

ABOUT GREENLINE TECHNOLOGIES

Greenline Technologies is Africa's premier Value-Added Distributor thereby connecting the continent by providing the world's most advanced and efficient information and communications technology solutions with certified smart hands.

With mission to offer the highest quality products and state of the art technology to the African market in 10 years of operations. Currently with registered and running operations in over ten countries, unmatched 24/7 and 365 days a year technical support.

Our focus on wireless, as well our highly qualified sales, engineering and technical support personnel, have made GreenLine Technologies a leader in wireless networking equipment distribution and implementation. We serve Operators, VARs and Integrators that service the enterprise, government, education, healthcare and security markets throughout Africa.

We provide complete solutions for the most demanding of projects, all backed with our industry leading support and technical expertise, allowing you to move away from just shifting boxes and on to providing complete bespoke solutions to your customers.

ABOUT SIS NETWORKING

SIS Networking is a system integrator established in Cameroon and run major installation and maintenance projects for operators within the telecommunications industry in Cameroon.

The aim of SIS Networking is to contribute to connecting families across the globe via the installations of these communication devices in their communities thus making the world a Global village.

We partner with the major stakeholders in the industry and through our partnerships we are able to connect the appropriate vendors and their solutions to the operators as is the case with Cambium Networks and Orange Cameroon.

With Greenline Technologies we have a sub distributor agreement to act as local representation in distributing and integration of solutions in the Cameroon Market and CEMAC.

ABOUT CAMBIUM NETWORKS

Cambium Networks delivers wireless communications that work for businesses, communities and cities worldwide. Millions of our radios are deployed to connect people, places and things with a unified wireless fabric that spans multiple standards and frequencies of fixed wireless and Wi-Fi, all managed centrally via the cloud. Our multi-gigabit wireless fabric offers a compelling value proposition over traditional fiber and alternative wireless solutions. We work with our Cambium certified ConnectedPartners to deliver purpose-built networks for service provider, enterprise, industrial, and government connectivity solutions in urban, suburban, and rural environments, with wireless that just works.