

Your digital doorway to African connectivity

Low Earth Orbit (LEO) satellite

Bayobab's Low Earth orbit (LEO) Satellite is a fixed connectivity service to remote locations where traditional terrestrial networks may be unavailable

LEO provides high-speed, low-latency and globally available connectivity through a constellation of satellites orbiting at altitudes between 500 km and 2,000 km.

Unlike traditional Geostationary (GEO) satellites, LEO satellites offer faster response times, better performance for real-time applications, and enhanced global coverage, making them ideal for enterprise, government, and consumer use cases.

Benefits

Global Coverage:

OneWeb's LEO constellation consists of hundreds of satellites that provide connectivity in locations where fibre and mobile networks cannot reach.

High Speed, Low Latency:

LEO satellite delivers download speeds up to 195Mbps and latency lower than 70ms.

Cost Effective:

Lower capital and operational outlays than GEO satellites.

Guaranteed Performance:

Supports multi-service Quality of Service (QoS) to prioritise your critical network traffic and ensure optimal performance.

Enhanced Redundancy

Back-up connectivity during fibre cuts, outages or natural disasters.

Key features	Description
Service Plans	Broadband, Enterprise, Dedicated and Pool Plans
User Terminals	Huges Single & Dual Panel Intellian Single Panel, Intellian Dual Dome
Support	24x7 NOC support
Capacity	High bandwidth ranging from 40to 220 Mbps with option of MIR or CIR
Low Latency	Faster throughput and latency less than 100ms
Reliability	Delivered over OneWeb's network with 99.5 SLA availability

End-to-End Solution:

Turnkey offering including capacity, user terminals, installation and managed services.

Round-the-Clock Support:

Our team of support engineers is available 24/7/365 via our GNOC Support Centre.

We open the doorway to Africa's most extensive network infrastructure, partnering with you to deliver seamless, uninterrupted connectivity:

Speak to your Bayobab connectivity consultant or visit **Bayobab.Africa**