

National Broadband Mapping Systems in Malawi

A context of Airtel Malawi Plc

Limbani Ngoma
Enterprise Director

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Airtel Malawi PLC



**BIGGER
FASTER
TOGETHER**

Airtel Malawi PLC Brief Overview

- Airtel Malawi Limited was incorporated in Malawi under the Malawi Companies Act 1994 as repealed by the Companies Act 2013 as a private Company limited by shares.
- Re-registered as Airtel Malawi PLC on 18th November 2019.
- Listed on the Malawi Stock Exchange on 24th February 2020.
- Connecting > 8 million Customers – With unrivalled data, voice solutions, VAS and high speed fixed broadband internet services.
- Airtel's three licences were renewed by the Malawi Communications Regulatory Authority (MACRA) in 2024 - Application Service Licence, Network Service Licence and Network Facilities Service Licence.



Network and Mobile Broadband Coverage

Number of Sites

Technology	Airtel
All Sites	1,141
Total 2G Sites	1,141
Total 3G Sites	1,141
Total 4G Sites	1,141
Total 5G Sites	31
Metro Fiber	316
InterCity Fiber	1,891
Leased Fiber Capacity	1,550

Blantyre

- Sites: 125
- Primary Data Center
- MSC/MGW/RNC/BSC

Lilongwe

- Sites: 198
- DR Data Center
- MSC/MGW/RNC/BSC

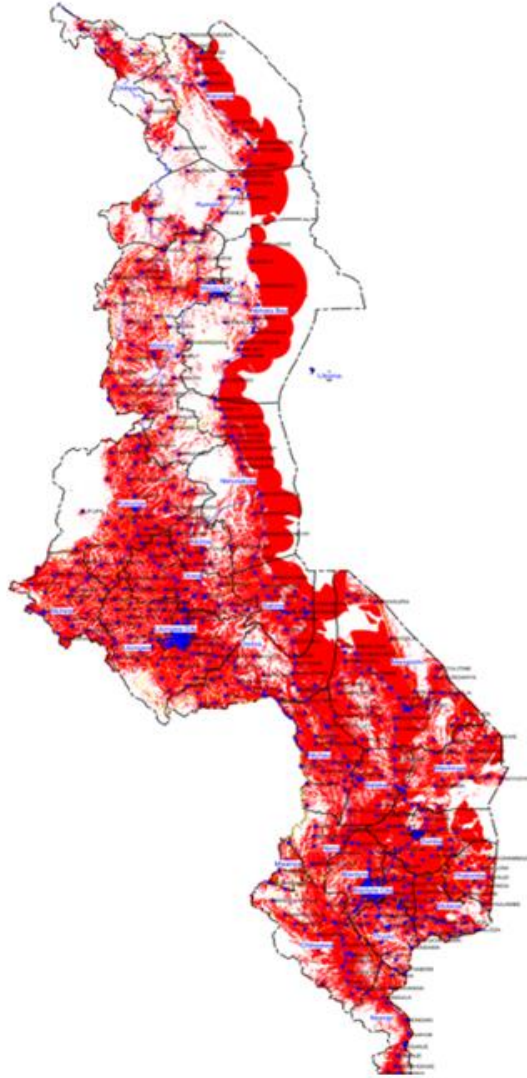
Mzuzu

- Sites: 41
- 1No BSC
- 1No RNC

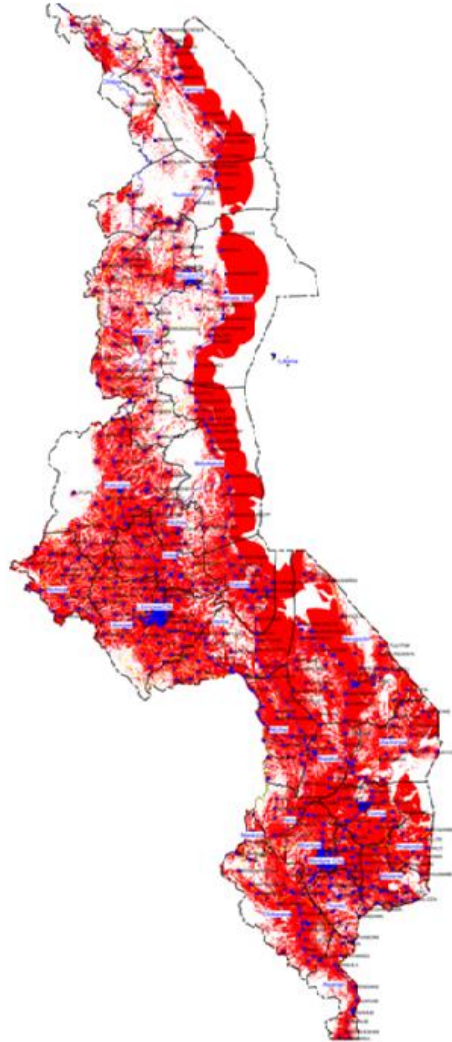
Population Coverage

2G	3G	4G
87%	86%	70%

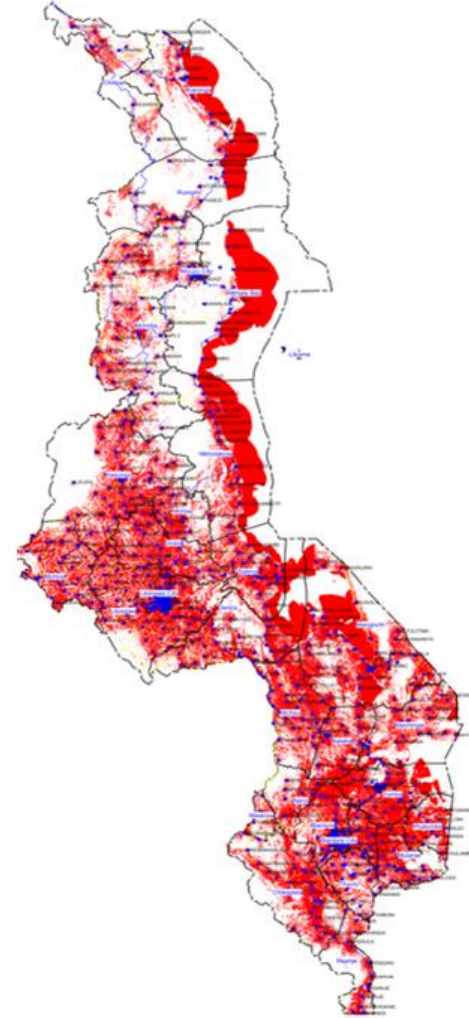
Network and Mobile Broadband Coverage Map



87% 2G Coverage



86% 3G Coverage



70% 4G Coverage

Fixed Broadband



Fixed Broadband Coverage



- Available nationwide in all districts including Likoma & Chizumulu Islands
- Dedicated Speeds from 1Mbps full duplex
- 60Km of Enterprise Fiber available for Blantyre, Lilongwe & Mzuzu
- Service Connectivity dependent on Airtel BTS presence.
- Unlimited Downloads

Challenges



Major Challenges

- Foreign Exchange sourcing challenge for Capex Projects – Currently prioritization is on capacity projects to improve customer experience.
- Infrastructure Damage - approx 57% of Airtel's nationwide fibre cuts are due to road networks and the 43% are due to vandalism and sabotage

Thank You

