BUILDING SMART, RESILIENT AND SUSTAINABLE NETWORK

We are future-proofing our network to meet India's growing data demand, combining spectrum portfolio, fiber assets, digital tools and data analytics.

Over the past three years, we accelerated investments towards rural coverage, 5G deployment and fiber rollout.
Our non-standalone (NSA) 5G architecture is built on lowest TCO and delivers superior experience. We are ready to transition to dual mode NSA + Standalone (SA) converged architecture, setting new benchmarks in speed and reliability. Built on a cloud-native design and advanced network virtualisation, our dual mode architecture will support ultra-low latency applications, strengthening broadband experience and massive IoT deployments.

The 'One Airtel' strategy drives synergy across businesses through unified fiber deployment. Our robust backhaul infrastructure supports everything, from homes to enterprises and data centres, ensuring high-capacity, scalable connectivity.

AI-powered digital tools enable end to end control from planning and rollout to proactive maintenance, helping run a smart, self-healing network, delivering superfast speeds.

With 97 MHz spectrum acquired during FY 2024-25 across sub-GHz and mid-bands, we continue to hold India's largest mid-band portfolio, giving us a competitive edge in delivering reliable, ultra-fast connectivity.

01 Overview and Performance

02

03

04

>100K Network sites deployed over the last three years	**>240K** BTS added over the last three years	**~45K** Network sites deployed under rural expansion over the last three years
>134K Rkms Terrestrial fiber rollout over the last three years		**₹71 Bn+** Network opex saved in last three years through various initiatives