Building a Future Ready Network

Airtel demonstrated its future ready network, being the first telco to launch 5G in India. We leveraged upon our future ready investments and adopted globally accepted non-standalone 5G architecture that offers the best coverage, experience at the lowest Total Cost of Ownership (TCO), and a lower carbon footprint.

Our 'One Airtel' integrated transport strategy is improving fiber rollout planning in a cost-effective way, enabling us to tap the growth potential across Mobility, B2B, and Homes. It is also improving operational efficiency across all business segments, ensuring a more robust and reliable network infrastructure.

Airtel is consistently spurring digital innovations. Digital tooling and innovative technology approach are playing a critical role in enhancing customer experience and improving our productivity. During FY 2022-23, key projects implemented include –

Airtel partnered with Meta and STC to extend 2Africa Pearls to India. Airtel joined the SEA-ME-WE-6 undersea cable consortium to scale up its high speed global network capacity to serve India's fast growing digital economy.

Enhancement of network experience by upgrading in-house built A-SON to identify 4G/5G degradation and auto resolution in real time. We developed broadband coverage and experience heat map, and launched a VISION platform for automated handling of complaints for faster resolution and improved accuracy.

Last fiscal was a historic year as we recorded the highest ever network site additions, exponential fiber rollout, and continued broadband BTS additions. Further, we are leveraging our digital tools to optimise network performance and operations. We have stepped up our War-on-Waste programme and network re-engineering efforts to further optimise costs and make networks more efficient and environment-friendly.

Key Highlights for FY 2022-23

37,492
Highest-ever network sites deployed in a year

33,647 kms
Fiber kms added

7
Submarine cables

80,233
Broadband BTS deployed

₹431 Bn
Spectrum investments – Acquired 19,800 MHz spectrum and secured a pan-India footprint of 3.5 GHz and 26 GHz bands

12 large and 120+ edge
Strong presence in fast-growing Indian Data Center market. Expanding further with six upcoming large data centers