Africa Mobile Network Surpasses 5000 Base Stations Transforming Connectivity Across Sub-Saharan Africa

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Media:

Milton Keynes, UK - March 2 2026 - Africa Mobile Networks (AMN) has achieved a significant infrastructure milestone, surpassing 5000 base stations and providing critical connectivity to more than 15 million people across Sub-Saharan Africa. The network's advanced architecture now supports approximately 11.2 million billable voice minutes every day, further accelerating the digital transformation of the region. By deploying advanced RAN technology where traditional coverage once ended, AMN are proving that distance is no longer a barrier to digital inclusion, integrating communities without mobile network service into the global digital economy.

Sub-Saharan Africa represents a market of approximately 1.1 billion people, nearly one-seventh of the global population, with 62% residing in rural areas. Today, more than 300 million people across the region live in villages with no mobile network coverage.

By surpassing 5000 deployed base stations, AMN is bridging this gap. AMN deploys its proprietary Radio Node (ARN) on all new installations, a versatile 2G/3G/4G small cell solution engineered to deliver 4TRX alongside HSPA+ within a single frequency band. Centred around AMN's own future-proof, wideband Software Defined Radio (SDR) design, the ARN900 utilises open interfaces and a strategic disaggregation of hardware and software to provide opportunities for continued development.

AMN has deployed ARN900 to existing sites to provide significantly increased voice capacity and data services. By maintaining full ownership and control of the hardware, developed specifically for rural deployment and assembled in-house within the United Kingdom, the company ensures unparalleled operational agility and network security. AMN is currently deploying its first dual-band ARN, offering increased 2G and 4G resources across two frequency bands from a single unit.

A core differentiator of the AMN infrastructure is its total operational independence. By integrating high-efficiency solar power with VSAT backhaul, the system is truly ubiquitous, engineered for rapid installation in regions beyond the reach of conventional power grids or terrestrial network infrastructure. This self-sustaining architecture allows AMN to profitably deliver mobile connectivity to any global community exceeding 1,000 residents, effectively overcoming the geographical barriers to digital inclusion.

"I'm immensely proud of the momentum our team has maintained since our inception. Their commitment to overcoming complex infrastructure challenges is what drives our progress everyday". commented Michael Darcy, CEO of AMN. "We are driven by the conviction that no community should be sidelined by geography. Our 'zero exclusion' is powered by our ARN, by maintaining total in-house architectural control, we possess the unique agility to connect Africa, one community at a time".

Surmounting the 5000-station milestone proves that rural connectivity is achievable at scale, sustainably, and with profound social impact. While these achievements are measured in infrastructure, AMN's true success lies in the human opportunities unlocked; each site serves as a digital anchor that stimulates local economies and fosters global digital participation. With a strategic target of 10,000 sites, AMN is building the foundation to bring life-changing connectivity to millions, reinforcing its commitment to a fully connected Africa.

A comprehensive survey involving 37 villages across Nigeria, Cote d'Ivoire and Zambia revealed a transformative shift in quality of life following the deployment of AMN's infrastructure. On average across surveyed sites, 83% of residents in these previously unconnected communities have adopted mobile money services, representing a massive increase in regional financial inclusion.

AMN plans to deploy an additional 1,000 sites across Sub-Saharan Africa in 2026, expanding its networks in Nigeria, Cote d'Ivoire, and Liberia.

Guided by a focus on technological agility and operational excellence, AMN is bridging the digital divide, ensuring that Sub-Saharan Africa does not just join the digital world, but leads its own digital conversation.

About AMN

AMN builds, owns, operates and maintains mobile network infrastructure designed specifically for rural and hard to reach locations. Through its Network-as-a-Service (NaaS) model, AMN partners with Tier-1 Mobile Network Operators, allowing them to extend coverage into rural areas without upfront capital investment and with limited operational risk. This approach enables operators to serve communities that would otherwise remain unconnected, using a model with advanced RAN technology that is both scalable and sustainable.

For more information about Africa Mobile Networks and its rural connectivity projects, please visit amn.com
or contact AMN: jld@amn.com

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