

## Mobile roadshow showcases IoT solutions

Nokia shows latest innovations to help Ghana meet the demand for network capacity, speed, coverage, and utilise Internet of Things (IoT) opportunities.



Image by 123RF

At its Mobile World Congress roadshow (MWC-R) in Accra, Nokia demonstrated to telecom operators how to meet the ever-increasing demand for network capacity, speed and coverage, and improve the customer experience with high-quality and secure networks.

Nokia was showcasing its latest innovations to telecom operators, government departments, enterprises and business partners, to help them build smart cities with Internet of Things (IoT) and critical-communications networks for public safety; while ensuring a world-class mobile broadband customer experience for the subscribers in Ghana.

The demonstrations included key areas like IoT, public safety network, Small Cells, customer experience management, IP backhaul network, transport network and Software Defined Networking.

Ramy Hashem, country senior officer in Ghana, Nokia, said: “Ghana is an important market for Nokia. This is the first innovation roadshow Nokia brings to Ghana for the country’s socio-economic benefits. We see this as an opportunity for the Ghanaian ICT market to benefit from our state-of-the-art technologies and concepts to transform telecom networks to be more dynamic, agile and evolving.

“The series of technology roadshows in Africa are designed according to the different market needs to meet the growing demand for data-intensive applications, and prepare for the next wave of network development including cloud, IoT and ultra-broadband networks. This is foreseen to change the consumer life style for years to come for a wide range of services from education, public safety, e-health, multiple connected devices and more.”

Key demonstrations at MWC-R:

**IoT:** Rapidly developing IoT technology is opening up multiple new business opportunities for operators and enterprises in a range of sectors areas including public safety, healthcare, connected mobility, smart parking, connected home, water leakage management, smart cities, etc.

**Small Cells:** Nokia Flexi Zone small cells cost effectively increases network capacity for operators to meet the huge data demand. It is a 3G, LTE, Wi-Fi-capable small cell that ensures a rich user experience while complementing operators' macro network capacity and coverage.

**FastMile:** This demonstration shows how Nokia's FastMile allows operators to use LTE radio technology to deliver high-speed broadband connectivity to the home in hard-to-reach areas, maximising spectrum use in the process.

**IP Backhaul:** Mobile backhaul solutions gives operators the flexibility, scalability, and operational simplicity to deliver the best customer experience at the lowest possible TCO.

**SDN:** Nokia Nuage Networks' Virtualised Services Platform (VSP) provides SDN capabilities for clouds of all sizes – from small private clouds to the largest public clouds. It makes the network as readily consumable as compute resources.

**CEM:** Nokia CEM tools, built from a deep and thorough knowledge of today's complex network environment, deliver an exceptional customer experience by automating care, service, network and IT operations with unparalleled data analysis.

**Transport:** Nokia IP/MPLS and DWDM convergence creates a flexible high-speed transport network, enabled by the introduction of Transport SDN.

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