Ceragon Networks
Powering Digital Africa with Broadband Solutions

Why will you have the best technology to give the most robust backbone for the most modern and trusted broadband solutions and want to withhold it from the fastest growing telecom market in Africa? That was the question that Ceragon had to grapple with when the country Nigeria came into its radar. Being a lover of revolutionary trends itself, Ceragon wasted no time in deciding to enter this country, where the telecom revolution has already set aglow many positive activies. Ceragon's interest is to take the sector to the next level – of the revolution: namely, broadband!

Nigeria @ 50

Special Edition
50th Independence Anniversary

Ceragon's presence in Nigeria was a sign of the good things happening in the telecom sector. As one of the leading players in the high-capacity mobile backhaul market, Ceragon wanted to contribute to this region that was fast becoming a telecom miracle. It established its physical presence in two of the fastest developing mobile countries in the world. Ceragon, like many others, was interested in having its name imprinted as one of the pacesetters of Nigeria's, and at a larger view Africa's, telecom revolution.

As Africa is a project-oriented region, having local representation would allow the company to join forces with local partners throughout southern and western Africa. This way Ceragon can offer its existing and new customers complete turnkey projects with excellent control and close follow-up.

Ceragon strengthens its position in Africa's two major mobile markets by opening an office in Lagos, Nigeria and another in Johannesburg, South Africa. With local Ceragon employees on the ground, the new offices serve Ceragon's expanding list of customers and partners throughout western and southern Africa. Nigeria is one of the continent's single largest mobile market according to industry research group Wireless Federation, with over 70 million subscribers. Furthermore, South Africa boasts 50 million users; and these markets continue to demonstrate an annual growth rate of over 10 per cent.

Ceragon Networks Ltd., is a leading provider of high capacity wireless backhaul solutions that enable wireless service providers to deliver voice and premium data services, such as Internet browsing, music and video applications. Ceragon's wireless backhaul solutions use microwave technology to transfer large amounts of network traffic between base stations and the infrastructure at the core of the mobile network. Ceragon designs solutions to provide fibre-like connectivity for circuit-switched, or SONET/SDH, networks, next generation Ethernet/Internet Protocol, or IP-based, networks, and hybrid networks that combine circuit-switched

or SONET/SDH, networks, next generation Ethernet/Internet Protocol, or IP-based, networks, and hybrid networks that combine circuit-switched and IP-based networks. Ceragon's solutions support all wireless access technologies, including GSM, CDMA, EV-DO and WiMAX.

These solutions address wireless service providers' need to cost-effectively build-out and scale their infrastructure to meet the increasing demands placed on their networks by growing numbers of subscribers and the increasing demand for premium data services. Ceragon also provides its solutions to businesses and public institutions that operate their own private communications networks. Ceragon's solutions are deployed by more than 150 service providers of all sizes, as well as in hundreds of private networks, in nearly 100 countries.

Ceragon has a long and proven track record in Africa. Established in 1996 as a member of the RAD Group of companies under the name "Giganet", Ceragon Networks was first listed on the NASDAQ on September 6, 2000.

Ceragon designs and manufactures high-capacity communication systems for wireless backhaul – addressing the segment of the cellular market that connects a typical cell tower or towers to an operator's core network. Ceragon provides wireless solutions based on microwave with speeds ranging from 50Mbit/s up to 900 Mbit/s per radio channel.

Ceragon markets its solutions under the FibeAir family brand and shipped its first FibeAir product in Q4/1998. Ceragon has a customer base of over 150 service providers and hundreds of private networks. Ceragon's solutions are deployed in nearly 100 countries across the globe.

It has numerous sales offices located throughout North and South America, EMEA and Asia, handling direct sales. Partnerships with leading distributors, VARs and system integrators around the world provide an active indirect channel. Its US headquarters was opened in 1999 and its European headquarters in 2000.

Since 2000 after its first public offering and the company re-named to Ceragon Networks, it has gone ahead to record some milestone achievements: in 2004 its FibeAir 3100 system was commercially deployed. It introduced its spectrally efficient FibeAir 1528 system in 2001. In 2002 it made the introduction of industry's first fixed wireless system with built-in SONET/SDH ADM. It introduced its FibeAir 1500P, a spectrally efficient compact radio capable of operating in multiple network configurations in 2004.

It marked its first profitable quarter in the company's history in 2004. Introduction of FibeAir 10060, a 60 GHz ultra-high capacity, license-exempt system was recorded in the second quarter of 2004. Introduction of FibeAir 4858, a 5.8 GHz license-exempt carrier-class system was made in the third quarter of 2004. In 2005, introduction of FibeAir 4849, a carrier-class wireless transmission system, over 4.940-4.990 GHz public safety band was achieved. Introduction of FibeAir 1500HP, a next generation long haul wireless system was also achieved in 2005. In 2006, the introduction of FibeAir IP-Max, a wireless Gigabit Ethernet solution. Introduction of FibeAir 640P, a high capacity carrier class solution for TDM and Ethernet connectivity in 2006. In 2007, Ceragon is first to achieve Metro Ethernet Forum (MEF) certification for Ethernet Microwave. In 2007, introduction of FibeAirIP-MAX2, an advanced Ethernet platform for wireless backhaul. And the introduction of FibeAir IP-10, a wireless Ethernet solution that delivers risk-free migration to IP backhaul was achieved in 2008.

The list of achievements goes on. These achievements directly reflect on the services carried out in the offices in Africa. In line with the digital era of Nigeria, Ceragon aligns itself with the challenges and successes recorded over the past few years of Nigeria's telecom sharing in the celebration of the country 50th independence anniversary with eyes for greater successes – in telecom and other socio-economic platforms.