

Radio Access

Nokia Siemens
Networks

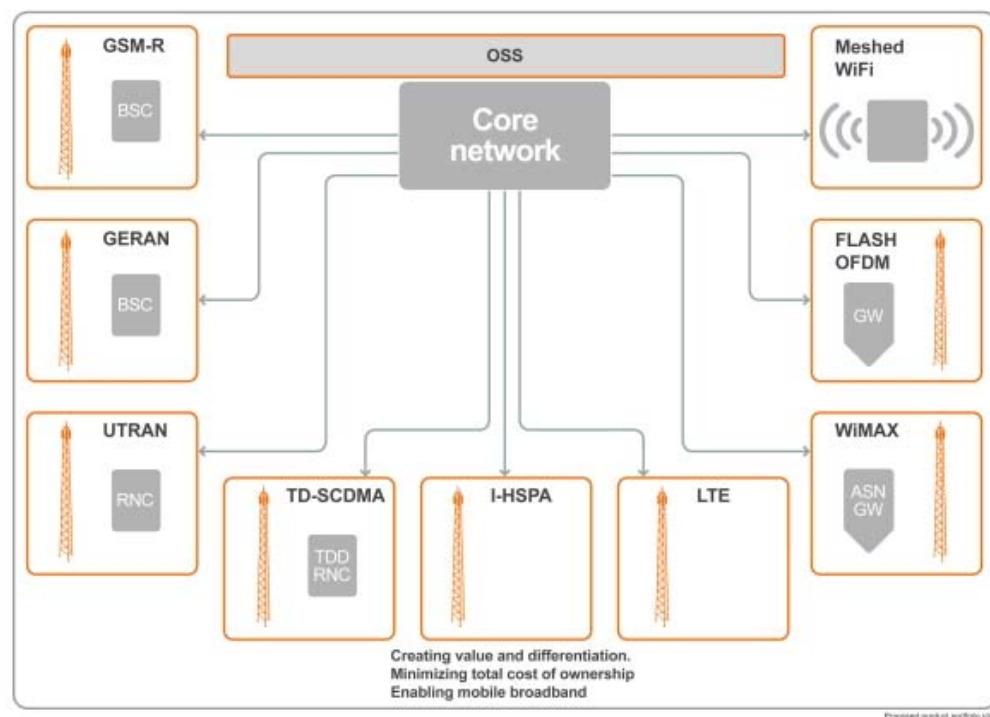


Maximize your profit with our leading multi-radio solutions

Our innovative radio access solutions help you to increase revenues with mobile broadband services and high end user service quality at minimized OPEX and CAPEX over the entire lifecycle.

Based on our unique portfolio of 3GPP and broadband wireless access technologies we deliver the radio access solutions optimized for your business.

Unique portfolio of 3GPP and broadband wireless access solutions



Maximize the value of your 2G/3G radio access network assets

We are committed to the evolution of our 2G/3G radio access solutions, including EDGE evolution and HSPA+. Leading 2G/3G interworking ensures service continuity. With TD-SCDMA we have a solution which fits to the Chinese market. Our 3G solutions can be and have been upgraded to HSPA via remote software upgrade. With our Hybrid Backhauling solution you can exploit Ethernet connectivity for economic mobile data backhauling. With our indoor solutions you can extend your reach and increase customer loyalty.

Master the multi radio challenge for the benefit of your customers

Our multi radio solutions allow cost-efficient upgrade, co-existence and re-farming. With our revolutionary Flexi Base Station we have a common modular platform for 2G, 3G, WiMAX and future technologies, e.g. LTE. With our distributed base station architecture we enable zero-foot-print site extension from 2G to 3G.

Exploit the wireless broadband opportunity

Our WiMAX proposition is unique in that it combines experience from commercially running WiMAX networks, the compact Flexi Base Station, an OSS solution proven in nationwide cellular networks and a comprehensive services offering. In order to get you operational as fast as possible we have strong link with Nokia devices and Siemens Home Communications to ensure end-to-end solution availability.

Our Flash-OFDM solution allows you to exploit the 450MHz band with its excellent radio propagation properties.

Reduce costs with flat architecture to enable a flat rate mobile data model with I-HSPA towards LTE

Our invention of I-HSPA introduces a flat 2-node user plane architecture to the 3G world: a base station and one core network node – nothing else in between. Your benefit: no need for capacity upgrades on either RNC or SGSN while your traffic grows. Your customers' benefit: even lower latency and thus an improved user experience. One may call I-HSPA a pre-LTE that interworks with today's HSPA devices. Introducing I-HSPA architecture prepares for a smooth migration to LTE, which introduces a new high speed air interface. At 3GSM Barcelona, 2007, we have underlined our leadership role on the way to commercial LTE systems by demonstrating LTE air interface data rates of 160Mbps.