

Fixed-Mobile Convergence

Mobile entry

Unified Core Network

Radio access networks

[Nokia Flexi BTS platform](#)

[Flexi EDGE Base Station](#)
[Flexi WCDMA Base Station](#)
[Flexi WiMAX Base Station](#)

[GSM / EDGE solutions](#)
[WCDMA RAN](#)
[HSPA solution and I-HSPA](#)
[Transport](#)
[Radio evolution](#)

Fixed / broadband

Nokia Flexi WiMAX Base Station: Making the personal mobile internet a reality



Nokia Flexi WiMAX Base Station and Nokia ASN Gateway completes Nokia's mobile WiMAX solution for radio access technologies.

WiMAX technology offers broadband wireless for operators with no WCDMA 3G license or spectrum.

The choice of radio technology is led by each operator's current network, spectrum assets, and voice strategy. The Nokia Flexi WiMAX Base Station and Nokia ASN Gateway will be available at the end of 2007, while Nokia WiMAX devices are expected in 2008.

Install base stations practically anywhere

Using weatherproof modules that can be installed indoors or outdoors even without a cabinet, the Nokia Flexi WiMAX Base Station revolutionizes how sites are acquired and deployed. Many new installation options are possible, such as billboards and street kiosk roofs.

Compact size, low-power consumption and light weight mean fast site acquisition, easy site build-outs and low site rental costs. Not only is network rollout rapid, but the base station's modular design and OBSAI (Open Base Station Architecture Initiative) compliance make capacity upgrades easy. Operators can enhance their WiMAX capacity to match their growing business.

Services for deploying mobile WiMAX

Mobile WiMAX will appeal most to operators without cellular spectrum allocations, but who want to offer mobile broadband. With limited experience of wide area mobile networks, they will need a technology partner that understands the demands that mobile access makes on WiMAX networks.

With more than 15 years experience, Nokia knows how to roll out and support large, commercial, single vendor and multivendor networks. Nokia is the technology partner of choice for many operators and can handle every aspect of a network, even managing services on behalf of the operator.

Ready for the mobile broadband future

Offering mobile WiMAX underlines Nokia's support for a multiradio future, giving operators the flexibility to choose different technologies as they evolve. Nokia plans to evolve network technologies to give users access to the same volumes of data as found on today's fixed networks.

Support for fixed and mobile broadband users

The Nokia WiMAX solution supports both fixed and mobile broadband users by enabling WiMAX to be deployed as an alternative to fixed access, bringing broadband service to areas without DSL and by making DSL services mobile.

For further information:

- [WiMAX from Nokia](#)



Nokia Siemens Networks



Nokia Siemens Networks started operations on April 1st, 2007. For the latest information on the company, please visit www.nokiasiemensnetworks.com

