

Empowering the next generation of mobile network FEMTOCELL

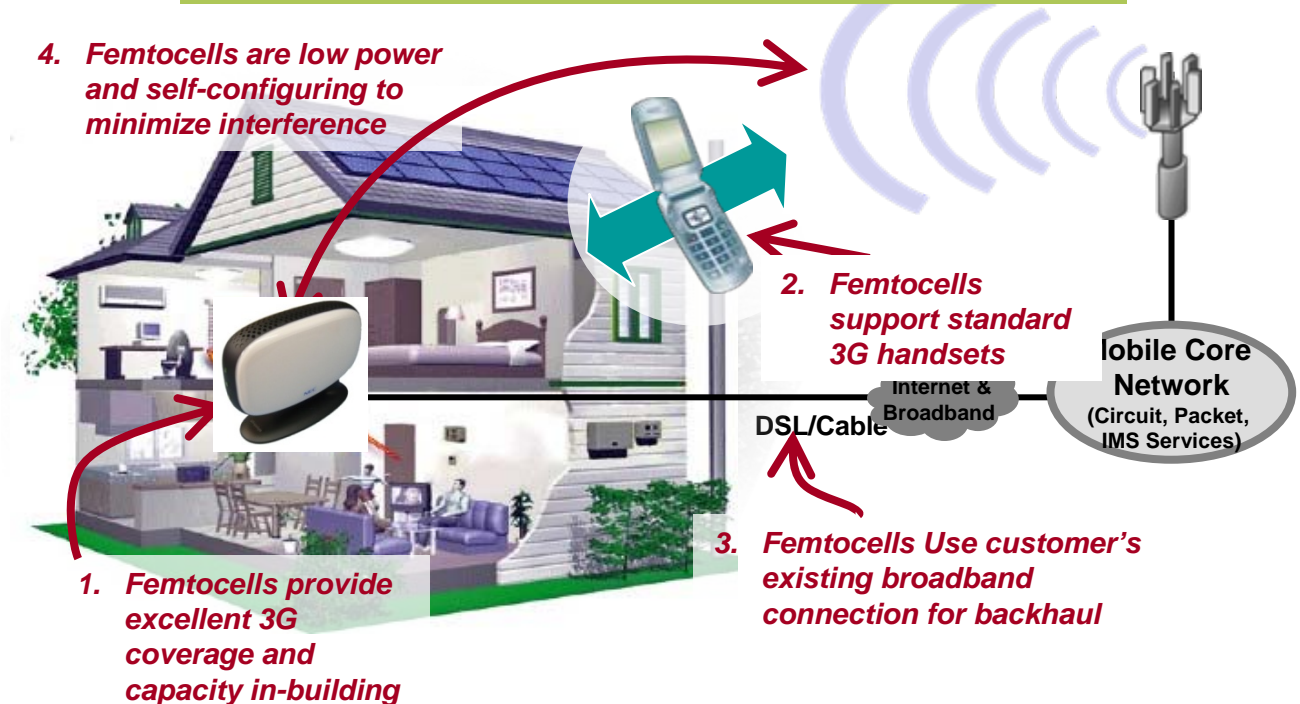
Welcome to the Future of Connectivity

The Growth of Femto

Demand for 3G mobile voice and data services is accelerating. According to Portio Research, all non-voice Value Added Services (VAS) continue to grow with forecasts showing the worldwide market for non-voice services to be worth a quarter of a trillion USD by 2012. However, a large proportion – up to 70-80% - of mobile services are used indoors, and issues remain with 3G penetrating buildings. This factor could limit the potential growth and revenue opportunities for operators, VAS and prevent the consumer from getting a first class user experience.

What Are Femtocells?

Femtocells solve the challenge of poor 3G mobile coverage, low bandwidth and high mobile usage costs indoors



In Touch With Innovation

With such a high proportion of mobile users inside a building, it is vital for operators to improve the quality of service for indoor users. An effective solution will make the 3G mobile a high-quality, low-cost channel for delivering high-speed voice and data services indoors and out, creating true personal high speed broadband.

Femtocells are 'plug and play' 3G access points which extend the capacity of the core network indoors without expensive capital investment in network upgrades. They use available power in the building and utilise the customer's broadband service for backhaul to the core network. Femtocells provide lowcost, dedicated 3G coverage and capacity indoors, enabling service providers to bundle more services and tie up more wallet share per customer.

Femtocell Offers

Mobile Web TV	More than 6000 TV channels available through web and P2P
MusicStation	Application that transforms the phone giving the user the functionality and user experience of an iPod
Mobile Search	Personalised predictive search right in the palm of your hand
Personal Mobile PVR	New content is automatically downloaded when it is available
Podcast	Femtocell powered podcast application for feature phones
Child Alert	Security supplement to notify parents when child leaves and returns home

Contact Us

NEC Europe

E-mail: femtocell@eu.nec.com

URL: www.nec.com