

Nokia unveils low-power mobile server

CHICAGO, US: Nokia Siemens Networks unveils Flexi NS, claimed to be the world's most energy efficient lowest power-consuming server for mobile operators - it uses just 59 watts per 100 000 subscribers.



Nokia Siemens Networks launched its new Flexi NS (Network Server) at 4G World yesterday, 19 October 2010. The packet core network server is claimed to have the lowest power consumption in the market, consuming only 59 watts per 100 000 subscribers. Flexi NS is also claimed to allow operators to serve more smart device users, thanks to its market-leading signal handling capacity. The new Flexi NS will be available for commercial deployment by the end of 2010.

"With the increasing adoption of smart devices, operators are required to reduce power consumption and handle an ever growing signalling load, while still providing an enhanced user experience," said Petri Pöyhönen, head of converged internet connectivity at Nokia Siemens Networks. "Our new Flexi NS not only addresses these issues, but also helps operators lower investment, as a single network server allows them to serve more smart device users."

Based on ATCA

The energy-efficient Flexi NS will work both as SGSN (Serving GPRS Support Node) for 2G/3G/HSPA networks and as MME (Mobility Management Entity) for LTE. It is based on the industry-standard ATCA*-based platform that applies the latest hardware technology advancements. This will ensure operational synergies for network operators, while enhancing Nokia Siemens Networks' portfolio of open and cost-effective packet core network elements. The product is fully compliant with 3GPP Release 8 specifications.

Nokia Siemens Networks is the leading SGSN vendor with an installed base serving more than 750 million subscribers across the world.

For more information go to www.nokiasiemensnetworks.com.