

Press Release

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Nokia Siemens Networks simplifies transition of mobile backhaul to all-IP #MWC11

Launches new FlexiPacket Microwave platform for operators upgrading 3G, WiMAX and LTE

Operators now have a quick and cost effective option to transition their network to all-IP backhaul. Nokia Siemens Networks' new FlexiPacket Microwave platform includes software that can be programmed to provide operations for both hybrid and full packet traffic mode. This allows operators to choose any evolutionary path from legacy TDM-base to all-IP backhaul, using a single platform across the whole transport network. This will allow them to scale-up according to the need of the hour.

"With transport networks moving towards all-IP, operators want the convenience of migrating parts of the network rather than the whole network in one go," said Vesa Tykkyläinen, head of Microwave Transport business line, Nokia Siemens Networks. "Our new FlexiPacket Microwave offers operators more functionality and flexibility. The platform's software features make capacity upgrades simple and flexible."

Since the platform is customized to meet diverse customer needs and is modeled on a pay-as-you-grow- approach, it can help optimize the operator's total cost of ownership along with reducing risks that result from any technology migration. In addition, its zero footprint and low-power consumption design translates into lower site costs, lower installation and commissioning costs coupled with faster rollout.

Nokia Siemens Networks FlexiPacket Microwave provides unique capabilities for the "Single RAN" evolutions, offering IP migration capabilities for all Radio technologies, optimized for legacy BTS in co-locations as well as new "Full IP" Single RAN solutions.

An end to end point and click service provisioning system enables customers also to provide a faster time to market for new services, better monitoring of network performance, improved quality of service as well as service differentiation.

Nokia Siemens Networks is an undisputable market leader of microwave solutions for mobile network backhaul applications. It has more than one million transceivers installed worldwide and more than 200 customers in 100 countries.

The new FlexiPacket Microwave Platform is being launched at Mobile World Congress 2011 in Barcelona, Spain. Network operators, customers, press and analysts are welcome to see the platform at Nokia Siemens Networks Experience Center in Hall 8, C01.

About Nokia Siemens Networks

Nokia Siemens Networks is a leading global enabler of telecommunications services. With its focus on innovation and sustainability, the company provides a complete portfolio of mobile, fixed and converged network technology, as well as professional services including consultancy and systems integration, deployment, maintenance and managed services. It is one of the largest telecommunications hardware, software and professional services

companies in the world. Operating in 150 countries, its headquarters are in Espoo, Finland.
www.nokiasiemensnetworks.com

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Notes to editors:

The first version of Nokia Siemens Networks' FlexiPacket Microwave (for full packet traffic only) was launched in 2009 with about 30,000 transceivers delivered so far. [Click here for the complete release](#)

The new FlexiPacket Microwave solution comprises of three basic components:

- FlexiPacket Multiradio (Dual Mode) - fully Outdoor Unit (ODU), full-fledged high-capacity microwave system, featuring a standard GE UNI interface. Unique software- platform, which can be programmed, provides operations for both hybrid and full-packet traffic mode and capacity upgrade up to 1.2 Gbps per carrier.
- FlexiPacket FirstMile 200 – cost-effective peripheral switch optimized for backhauling networks' tail and chain sites.
- FlexiPacket Hub 800 (Dual Mode) – best-in-class ultra-flexible nodal switch, supporting up to 14 different directions in one unit for both small and large microwave hubs. Its Software can be configured for both Hybrid and Full-Packet traffic mode.

The new components (FlexiPacket Multiradio and FlexiPacket Hub 800) will be launched for the first time at Mobile World Congress, 2011.