

NEC launches ePASOLINK the ultra-high capacity backhaul solution for HSPA+ and LTE

NEC's innovative and high-quality solution meets capacity need with reduced cost of ownership

Melbourne, June 29, 2010 - NEC Corporation today announced the launch of "ePASOLINK," the new compact wireless transmission system. It enables mobile network operators to build a cost-effective, IP-based mobile backhaul network that meets the high-capacity data demands of mobile broadband technologies such as HSPA(High-Speed Pack Access) , WiMAX(Worldwide Interoperability for Microwave Access) and the anticipated LTE(Long-Term Evolution).

"We expect that as mobile operators deploy 4G mobile broadband networks, there will be a step up in capacity demand in the tail links to cell sites and in the aggregation portion of backhaul," said Hiroyasu Ishii, General Manager, Global Network Division, NEC. "NEC continues its close relationship with leading operators across the world and we are confident that ePASOLINK will be a key component of their strategic portfolio to address the need for increased network capacity."

ePASOLINK provides ultra-high link throughputs of up to 2.5 Gbps in the E-band spectrum range of 70/80 GHz. Traditionally, mobile operators have addressed capacity needs with microwave and optical product solutions. However, there is a gap where sub-42GHz microwave spectrum becomes congested and the fibre optic alternative is too expensive to deploy efficiently. This is particularly the case in dense urban and suburban areas where operators often face intense competition in the expansion of 4G mobile broadband infrastructure.

ePASOLINK provides scalable transport of 2G, 3G, HSPA, WiMAX and LTE in addition to its support for both Ethernet and SDH (Synchronous Digital Hierarchy)/SONET (Synchronous Optical Networking) protocols with carrier-grade reliability. Advanced Quality-of-Service capabilities ensure that operators can provide customers with SLA (Service Level Agreement) assurance and premium content delivery.

ePASOLINK also helps mobile operators to build and operate their backhaul networks with a low cost of ownership. For example, it is supported by NEC's widely adopted Network Management Systems, which facilitate the easy integration with existing microwave infrastructures, such as PASOLINK the microwave transport system market leader. Additionally, ePASOLINK is an all-outdoor solution which helps lower installation and site rental costs in an all-IP backhaul network.

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