Samsung demonstrates the first LTE netbook

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Samsung Electronics is demonstrating the world's first Long Term Evolution (LTE) netbook PC at Mobile World Congress 2010. Samsung's own in-house designed LTE modem chipset, Kalmia, enabled the development of a small form factor netbook with LTE capability. Following the company's latest deployment of a commercial LTE dongle, Samsung reasserts its industry-leading position in next generation mobile technology with the largest line-up of devices.

Samsung demonstrates live video streaming via the company's own LTE network equipment on the Samsung netbook N150.The Samsung netbook N150 is currently available in market with HSPA 3G communications and WiFi access and will become commercially available with LTE according to service schedule and market demand. The inclusion of LTE will deliver high speed, low latency and ubiquitous connectivity to all users who require high-volume data access whenever

they want and wherever they are. For the first time, operators preparing for the deployment of next generation networks can deliver high-powered products to showcase network strength and the true benefits to end-users.

With its high-quality design and great value, the Samsung N150 offers users everything they need in a portable netbook. The N150's 10.1" anti-reflective LED display gives users fine-tuned images with the sharpest detail and boldest colours, without the inconvenience of mirror effects under bright lights or in sunny weather. This energy-efficient display also works with the N150's optimized processing performance and Samsung's proprietary-enhanced battery life solution to deliver exceptional battery performance of up to 8.5 hours*.

Using the integrated Easy Resolution Manager tool, screen resolution can easily be changed if a program or game needs to be viewed in 1024x768. Additional visual enhancements include an integrated Digital LiveCam for video-conferencing or live messaging. An integrated webcam, internal microphone and headphone-out connection also provide an easy and cost-effective way to stay in touch with friends and family using video-conferencing, live messaging or VoIP telephony.

"The N150 is the smart choice to meet all your essential mobile computing needs with style," said Kyu Uhm, Vice President of Samsung IT Solutions Business.

He continued, "We see increasing demand for data services, regardless of whether the consumer is indoors, outside, or even on the move. With our end-to-end Total Solution from core chipset to a variety of devices, we are providing true value to our customers."

Samsung has proven its leadership in next generation mobile technology and has a long history of involvement in the 3rd Generation Partnership

Project (3GPP). Collaboration with groups of telecommunications associations to make a globally applicable 3G and 4G standard is a natural progression for Samsung, who are also introducing the most up-to-date LTE technology at the show.

Samsung's public demonstration of Long Term Evolution (LTE) included a total solution from infrastructure to mobile devices. In particular, Samsung has developed its own access and core networks, which support multi-vendor interoperability. Besides the world's first LTE embedded netbook PC, Samsung is also showcasing the dongle type device GT-B3710. Samsung's LTE solution is fully compliant with the latest 3GPP LTE Rel-8 standard. Initial deployment of the service began in 2009 and active discussion and trial tests will continue in 2010.

Alongside the world's first demonstration of the LTE netbook N150, Samsung also showcased an extensive line-up of netbook and note PCs at the show including N210, N220 and NB30.

Source: Samsung