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The Vidyo™ platform was featured in three demonstrations of HD video conferencing over wireless networks at Mobile World Congress in Barcelona.

The VidyoRouter architecture is the first in a generation of software solutions that leverages H.264 Scalable Video Coding (SVC) for high quality video over internet, 3G, 4G and wifi networks. (As it eliminates the need for a Multipoint Control Unit (MCU), it costs a fraction of MCU-based solutions.)

Alcatel-Lucent and Verizon Wireless in a live 4G multi-continent gaming and live video conferencing demonstration between Barcelona and a moving 4G LTE-enabled vehicle in USA.

Alcatel-Lucent in a demo of high-quality video conferencing via TD-LTE, between passengers driving in a brand new Audi A8 automobile wired for broadband with LTE, cruising the neighborhood around the Arts Hotel in Barcelona, and people at the LTE TDD/FDD International Summit inside the hotel.

Intel in a demonstration featuring a multiparty HD Vidyo™ conference using WiMAX and LTE, connecting three Intel-based tablets running Windows 7 positioned at different booths located within the MWC Exhibit Hall, and a PC desktop participant at a remote location, connected via the internet.

“These demonstrations illustrate the unique properties of Vidyo’s groundbreaking technology platform that delivers exceptional fidelity over general purpose networks, even over wireless networks where available bandwidth constantly changes,” says Ofer Shapiro, co-founder and CEO of Vidyo. “...Vidyo enables people to be more productive and visually collaborate from wherever they are – be it their office, hotel room, airport or internet café.”

“Vidyo’s technology in tandem with Intel’s processor platform makes it possible for our tablet and smart phone users to achieve high-quality multipoint video conferencing,” explains Tim Sweeney, Director, 4G Applications Lab, Intel. “Wireless connections are notoriously unstable, but Vidyo’s technology was developed to compensate for dropped packets of audio and video information on non-QoS networks and the results are exceptional.”

Vidyo also demonstrated its multipoint video communication and collaboration platform at the MWC ShowStoppers event, connecting mobile devices including an iPad, iPhone 4, Samsung Galaxy Tab and the new Google Nexus S with laptops, desktops, and enterprise room systems -- presenting its support of LTE, 3G and 4G smartphones.

Vidyo spans a full range of applications, from the VidyoDesktop with personal telepresence capabilities on a PC or a Mac to the VidyoRoom that encodes and decodes HD-quality video at up to 1080p or 60 frames per second. Vidyo is available today in a pilot mobile service from Elisa Corporation on the Samsung Galaxy Tablet; these services will be broadly available to consumers around the world in 2011.

Vidyo technology is licensed by HP, Google, Hitachi, Ricoh, Fuze Box, Teliris, and others.

Go Vidyo