Vidyo Paves the Road to Personal Telepresence

Written by Bob Snyder
14 April 2010

Can Vidyo Take the Low Road to Personal Telepresence?

The president of Vidyo, Ofer Shapiro, took the stage at NetEvents for a keynote outlining his new video conferencing architecture that aims to make video communication universally available.

Vidyo has devised a way to offer videoconferencing that links several locations simultaneously. The screen is split in two, so anyone participating in a conference with two other locations can see one on each side. OK, so you've seen the split screen before ...what's different here?

Shapiro says: "The difference in what we do is that instead of a delay of a second, we are as instant as voice."

Vidyo's software is very resilient against the effects of packet loss. It also adapts incoming video to the resolution of the receiving device.

Shapiro came up with an architecture for solving videoconferencing transmission problems over the internet. Then he raised capital and hired a team of engineers to put it all together. The company has applied for 22 patents and the first is already approved. Last October, Vidyo was awarded a patent on its VidyoRouter architecture, which leverages H.264 SVC, the latest standard in video compression technology.

The Vidyo software already works on PCs and laptops, but needs a fast processor, such as the Intel chip code-named Moorestown to work on mobiles.

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