**OnLive Creator Designs Revolutionary Wireless System**

This articles talks about a new revolutionary wireless system called DIDO, created for the same people who created “OnLive” (the cloud gaming company), and that it’s believe that completely transform the world. This new system proposes to eliminate wireless interference in Wi-Fi and 3G through cloud processing.

Steve Perlman, the man who invented Microsoft’s WebTV, published the details of DIDO in a white paper distributed to reporters. One of the most amazing statements is the one made for gaming fans which basically says that a game running on OnLive with DIDO’s help is faster than a game running on an actual console or PC.

While in a normal Wi-Fi or cellular radio the data packet is transformed into a radio signal wave form across the same frequency where interference from multiple PCs of phones causes the wave to be modified and instead of a wave representing a single DataStream, you end up with a wave that represents the sum of all the data packets and it’s up to the PC or cellular radio to figure out which part of the wave is its own data packet. Instead with DIDO the intelligence from the radios both the PC and the access point is cut out and replace with an incredible amount of computing in the cloud, therefore instead of the access point creating the waveform, a DIDO data center creates the radio signal and sends it along a wire connection, the access point simply broadcasts the signal. In easy steps DIDO does this: it creates a radio signal that at each antenna of each user’s device produces an independent waveform for each device with only that device’s date. A good analogy to represent this it’s like a speaker with a voice so perfectly modulated that he could be heard by every person at a crowded bar, even if those people were all speaking at once. According to Perlman DIDO has been tested at frequencies from 1 MHz to 1GHz and it actually improves if the signal overlap and it just have a latency of just a couple milliseconds.

Hachman, Mark. "OnLive Creator Designs Revolutionary Wireless System - ECoustics.com."*Consumer Electronics Product Reviews, News, Articles, Forums and Price Comparisons - ECoustics.com*. PCMAG.COM, 28 July 2011. Web. 23 Sept. 2011. <http://www.ecoustics.com/pcmag/news/2389374>.