



The Wireless Video Company

Company news

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How to deliver household wide wireless HDTV: ProVision joins Parks Associates' signature CES debate

"802.11n - the only standard for wireless HDTV across all rooms"

According to [Professor Andrew Nix](#), the next generation Wi-Fi technology, 802.11n, "is the only standard capable of cost-effectively transmitting interactive wireless HD video across all rooms within a home."

The co-founder of [ProVision Communications](#) will argue this as part of the signature panel debate on wireless networking by analyst firm, [Parks Associates](#), at January's Consumer Electronics Show (CES) in Las Vegas.

ProVision, the Bristol, UK based specialists in video over wireless technology, will join [Pulse~LINK](#), [SiBEAM](#) and [AMIMON](#), backing the HDMI, Wireless HD and WHDI standards respectively.

In November, ProVision announced a new division to commercialise the company's vast expertise in wireless video. The company will also be demonstrating its technology to key audiences at CES.

Commenting on the technology standards, Professor Nix stated, "streaming live HDTV wirelessly throughout the home has long been talked about as a holy grail, but its progress has been [hampered](#) by a lack of defined and universally adopted standards. Many wireless technologies are only effective within a single room."

"If [real-time wireless HDTV] is to be adopted by the consumer, and [soon](#), the devices need to be more than just a replacement for short cables. It must reach every area of the house and with a high quality of service. Distributed HD video must support channel hopping as well as interactive services and must not succumb to interference from other devices or networks. It must also be affordable and therefore heavily based on widely used standards.

"With these in mind, only 802.11n, used together with H.264 [video compression], can deliver wireless HDTV across all rooms. Even then, a number of proprietary additions are required to achieve the low latency and high video quality demanded by the application."

ProVision's CEO, David Sykes commented that the inclusion in Parks Associates' signature CES panel was testament to the strength of ProVision's wireless expertise. He also stated that getting wireless HDTV right is more than just choosing a standard and connecting products together, "ProVision has expertise across all aspects of wireless video and it is this that will ensure success in the market. With the right standards adopted wireless HDTV products will rapidly become commonplace in people's homes."

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About ProVision Communications

ProVision Communications, a wireless and HD video company, has been delivering innovative designs to leading broadcast operators and set top box manufacturers including Thomson, Pace, the BBC, and BSkyB since 2001. Recent developments have included real time video transmission over Wi-Fi to portable devices at outside broadcasting events, along with HD and wireless innovations for set top boxes and media home gateways. ProVision's expertise lies in its end-to-end understanding of wireless networks and video systems: this includes MPEG-4/H.264 Advanced Video Codecs, radio propagation, antenna design, wireless networking, and reliable interoperation between HD video and wireless standards. ProVision is now strongly placed to deliver its world-leading HD video networking products and technologies to cable and satellite TV operators. The company is based in Bristol, UK.

For more information please visit www.provision-comm.com.

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