



Press Release

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AirTies Launches World's Fastest Wireless Bridge and World's Smallest Wireless Video Access Point and Booster for Triple Play Operators

Next generation wireless technology allows self-service installation of TV services and brings high speed, high quality video to multiple devices in every corner of the home

Istanbul, March 13th, 2014 - AirTies Wireless Networks, a leading supplier of advanced wireless and OTT/IPTV technologies, is launching two new versions of its next generation Wireless Video Access Points/APs at the TV Connect show in London from March 18-20th on Stand No.151. Targeted at both Broadband and Pay-TV operators, the AirTies Air 4820 and Air 4920 feature the latest 802.11ac wireless chipsets and simultaneously solve two of the most critical issues facing operators today: the cost of installing a Pay TV service and the problem of consumers not getting the Internet speeds they are paying for when connecting multiple devices in different rooms or on different floors.

The Air 4820 is the world's fastest wireless bridge using a single chipset (the Quantenna 4.4 802.11ac with beam forming) which increases delivery speeds fivefold over traditional wireless video; from 600 Mbps to 1.7Gbps; and is able to simultaneously stream up to ten HD videos to multiple devices around the home.

The Air 4920 is thought to be the world's smallest dual-band wireless booster device. The wireless booster features the Broadcom 3X3 802.11ac with beam forming silicon, alongside the 2X2 802.11n silicon, enabling it to simultaneously support high performance video on the latest 5GHz tablets whilst optimising video performance on 2.4GHz devices like smart phones. Ergonomically designed, with a 9x10 cm small form factor, both the Air 4820 and 4920 devices take up minimum space in the TV cabinet.

The next generation wireless devices dramatically outperform Power Line Communications (PLC) solutions by offering support for mobile devices and comfortably streaming ten simultaneous HD video streams. Combined with AirTies [Mesh technology](#) to expand the coverage area, performance between the PVR in the living room and the TV in the bedroom can improve by up to ten times, in comparison to traditional WiFi or PLC implementations. Dynamic channel changing and radar avoidance capabilities ensure a pixilation-free and robust Pay TV service, even in extremely 'noisy' environments.

Market research indicates that 77% of TV viewers are simultaneously using another device while watching TV. Mobile devices such as tablets, smartphones and laptops can connect to either the Air 4820 or 4920 and achieve their maximum performance without impacting TV service quality. That means that a 'TV Everywhere' service can now stream high quality video throughout the entire home.

In order to solve consumer's complaints of not getting the Internet performance they are paying for many operators are deploying next generation gateways with dual band support for 802.11ac at 5GHz and 802.11n at 2.4GHz. In many cases these devices are installed in cabinets, the basement or near the door resulting in poor WiFi performance even with 802.11ac. The Air4920 connects wirelessly over the high capacity 5GHz link to the new 802.11ac gateways, and can be located anywhere in the house for optimal performance. The Air 4820 & 4920 wireless solutions offer a more cost effective way to upgrade the installed base of home gateways and routers to 5GHz 802.11ac performance and extend coverage range throughout the home using its beam forming technology.

According to Bulent Celebi, Chairman and co-Founder of AirTies: "Many Pay TV operators are now starting to deploy wireless technology to stream HD video to multiple TVs throughout the home. Wireless dramatically reduces the length of time needed to install a new service by technicians. In many situations the consumer can install the TV service themselves, totally eliminating the truck roll." He added: "This new wireless technology coupled with [AirTies Mesh](#) is a real game changer. Not only will consumers see a dramatic difference in Internet performance in every corner of the house but the operator will save a ton of money in the process".

About AirTies

AirTies was founded in 2004 by a senior management and technical team from Silicon Valley, with the strategic intent to become the market leader for the wirelessly connected home. AirTies designs and develops its own software and hardware, wirelessly streaming high definition video to multiple rooms and screens. The comprehensive product portfolio includes broadband Internet devices and Internet based television set top boxes. Its award winning technology enables seamless wireless integration at the touch of a button, as well as 100 percent internet wireless coverage in homes.

AirTies has an install base of over 10 million devices worldwide. More information is available at www.airties.com

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