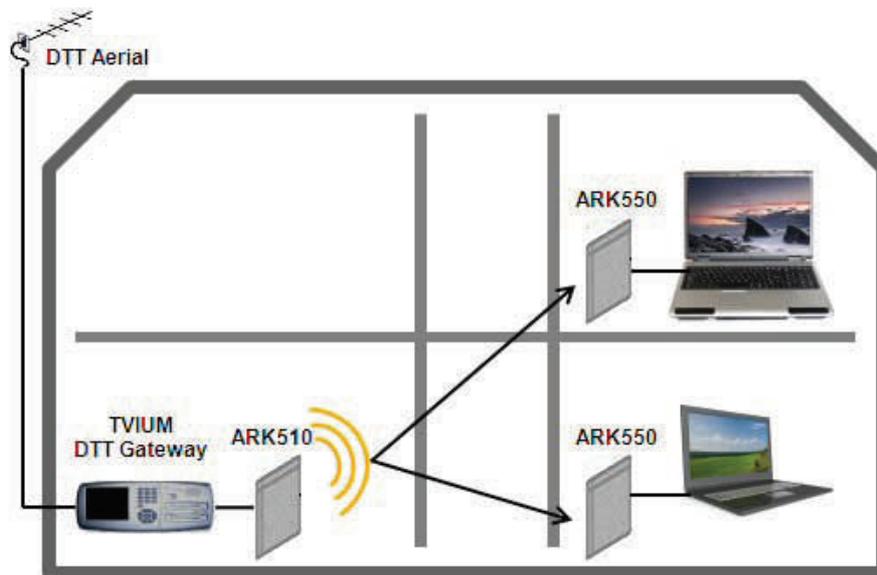


## PIPTV Achieves Successful Multicasting of Digital TV Programmes over WiFi

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UK systems integrator PIPTV has successfully achieved multicasting of UK Freeview digital TV programmes over a WiFi network in recent testing. Programmes were streamed from a TVIUM-TR100 DTT gateway manufactured by Breeze Technologies Limited across a WiFi network utilising the ARK500 WiFi HD Video Link from ArkTron Limited, with desktop PC and laptop display via the VLC media player.



PIPTV carried out testing across a building with very substantial walls and an environment that is plagued with interference from several neighbouring wireless networks. In spite of these conditions picture quality on the PC screens was of good quality with a lack of artefacts and interruptions in viewing.

ARK500 from ArkTron Limited, a UK supplier of high performance technology products for the delivery of multimedia services and wireless distribution of video, data and multimedia, is a plug and play, easily installed wireless video bridge that enables HD video content and data distribution to multiple devices around a building. It gives carrier grade performance and reliability and a single access point can support up to 8 client devices. The solution consists of the ARK510 access point and ARK550 client device that are 802.11n compliant and utilise second generation digital phased array beam-forming technology from Celeno. This technology gives industry leading bandwidth efficiency, range, robustness and throughput of HD video streaming over standard WiFi.

TVIUM-TR100 from Breeze Technologies Limited, a UK vendor of digital products that address video encoding, video transmission and reception, is a compact TV gateway that captures digital television and radio from a digital terrestrial (DVB-T) feed for distribution over a building IP network. Offering a built-in Electronic Programme Guide (EPG) to create a complete end-to-end solution in conjunction with compatible set-top boxes (STBs) or PCs running a suitable media player, TVIUM simplifies the integration of IPTV services. TVIUM can be configured in minutes using its remote control and built-in LCD.

PIPTV believes that the combination of TVIUM and ARK500 represents a very cost-effective solution for the distribution of TV channels to multiple users in the likes of schools and small hotels. Both products come with a price tag that won't break the bank and reduced cost and effort (no wires and easy setup) to install.

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