



PRESS RELEASE

Date: 11 September 2009

Arqiva transmits DVB-T2 high-definition at IBC

- **Terrestrial HDTV transmissions covering Amsterdam Rai Centre**
- **In partnership with BBC, Tandberg Television, Enensys, Harris and dB Broadcast**
- **DVB-T2 demonstrated at the DVB stand and elsewhere at IBC**

Arqiva is providing DVB-T2 test transmissions at the International Broadcasting Convention in Amsterdam to facilitate the demonstration of high-definition terrestrial TV throughout the exhibition centre, including the DVB stand. Four HD services are accommodated in one DVB-T2 multiplex within a standard 8 MHz transmission channel.

In providing the transmissions on behalf of the IBC organisers, Arqiva was supported by a range of partners including the BBC (HD content), Tandberg Television (HD MPEG-4 AVC statistical VBR encoding and multiplexing), Enensys (DVB-T2 modulator), Harris Corporation (DVB-T2 transmitter) and dB Broadcast (professional satellite IRDs and ASI distribution equipment).

The facilities in the Amsterdam Tower, just south of the Rai Centre, were courtesy of Alticom who have provided accommodation for the racks of equipment and antennas as well as feeder and power installation services. Arqiva has provided transmission antennas and combiners, satellite reception for content and project management for the whole installation.

"We're delighted to play an active part in showcasing DVB-T2 with our continued leadership in HD MPEG-4 AVC compression, and look forward to enabling many successful launches of DVB-T2 worldwide" says Simon Frost, DTT business development director at Tandberg Television, part of the Ericsson group.

Laurent Roul, head-end product line manager at Enensys, added. "Through its professional DVB-T2 modulator, Enensys is proud to help the partners demonstrate all the benefits of the second generation terrestrial network (DVB-T2) standard. This effective collaboration shows

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that the DVB-T2 technology is now ready for deployment and several DVB-T2 receivers should be unveiled during this IBC. We are at the dawn of DVB-T2 services reaching the home and this is a really positive step for the coming years.”

A separate Arqiva installation has also provided MediaFlo mobile TV transmissions as part of an end-to-end system from Qualcomm, with content courtesy of the BBC, Channel Four and CSC Media.

- Ends –

About Arqiva

Arqiva operates at the heart of the broadcast and mobile communications industry and is at the forefront of network solutions and services in an increasingly digital world. The company provides much of the infrastructure behind television, radio and wireless communications in the UK and has a growing presence in Ireland, mainland Europe and the USA. There are three business units:

Terrestrial Broadcast provides transmission for all UK terrestrial TV broadcasters, including the new networks being built for the Digital Switch Over. Transmission is also provided for BBC Radio and most commercial radio stations, both analogue and DAB. The company owns and operates two of the six UK digital terrestrial TV multiplexes, enabling major media companies to bring their TV and radio services to Freeview.

Satellite & Media provides global communication platforms to enterprise, government and broadcast customers around the world. It owns and operates teleports at key locations including Los Angeles, Washington, London and Paris, as well as comprehensive satellite capacity, an international terrestrial fibre network and extensive media facilities. These enable Arqiva to provide world leading organisations with a comprehensive range of services to deliver their data, broadcasts and media across the globe.

Wireless Access provides cellular, wireless broadband, voice and data solutions for the mobile communications, public safety, local government, and commercial markets. Arqiva is the largest independent provider of radio sites in the UK and Ireland. With its own spectrum, the company can provide complete mobile communications networks including backhaul links.

Arqiva has its headquarters near Winchester and other major UK offices in London, Warwick, Buckinghamshire and Yorkshire. Major customers include the BBC, ITV, Channel 4, Five, BSkyB, Classic FM, the five UK mobile operators and the emergency services.

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