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DVB DEMOS HYBRID BROADCAST BROADBAND

DVB Hybrid Set-Top Box Highlights Latest Capabilities For Reception Of HD Content Via DVB-T & IP

16 – 19 June 2009, Singapore Expo, Stand No. 7/7P3-01

Singapore – 16 June 2009 – At BroadcastAsia 2009, DVB will focus on its comprehensive range of delivery options for DTV using DVB technologies. The line up will include a demonstration of Hybrid Broadcast Broadband (HBB) reception of HD content with a hybrid set-top box. Visitors to the stand can also view live mobile TV via DVB-T.

The Hybrid Broadcast Broadband demonstration will show reception of a live free-to-air DVB-T transmission as well as content streamed over IP infrastructure displayed on a TV screen. Both transmission schemes include HD content that is being received by an Albis Technologies hybrid set-top box capable of decoding H.264 signals. The demo highlights the seamless transition between broadband and broadcast services using a single hybrid set-top box.

HBB is the name given to a set of devices that has a free-to-air digital TV connection (typically terrestrial) and an Ethernet port for connecting to a home network and from there to the Internet.

A separate demo will showcase the reception of live mobile TV services using DVB-T on an LG mobile telephone using MPEG-2 video compression.

“Hybrid Broadcast Broadband is an exciting new way of delivering content to the TV screen. We are seeing many consumer electronic manufacturers striving to launch products with broadband connections designed to link to the viewer’s home network. The DVB Project continues to do some excellent work on the delivery systems for IPTV. It is currently examining the delivery of broadband TV and HBB. Indeed DVB has recently published a set of measures for signalling applications in HBB,” commented Peter Siebert, Executive Director DVB Project.

DVB Demos Hybrid Broadcast Broadband

For the broadcasters of the ASEAN nations, the importance of a reliable disaster warning system is paramount. DVB-T can be used to implement a vital Emergency Warning System (EWS). The in-built capabilities of DVB-T through the Service Information specification, DVB-SI (ETSI EN 300 468), provides the essential support to establish an EWS. This EWS requirement was foreseen many years ago and is thus an inherent part of the DVB system. Visitors to the stand can find useful information on using DVB-T to implement an EWS.

DVB representatives and technology experts are on hand to answer queries and provide information on the implementation of the world's most successful set of technical standards for DTV. DVB's open, interoperable standards form the basis of services on every continent with more than 240 million receivers now deployed.

Background

The DVB Project

The Digital Video Broadcasting Project (DVB) is an industry-led consortium of over 270 broadcasters, manufacturers, network operators, software developers, regulatory bodies and others in over 35 countries committed to designing global standards for the delivery of digital television and data services. The DVB standards cover all aspects of digital television from transmission through interfacing, conditional access and interactivity for digital video, audio and data. The consortium came together in 1993 to create unity in the march towards global standardisation, interoperability and future proofing.

To date, there are numerous broadcast services using DVB standards. There are hundreds of manufacturers offering DVB compliant equipment, which is already in use around the world. DVB dominates the digital broadcasting world. A host of other services is also on-air with DVB-T, DVB-S and DVB-C including data on the move and high-bandwidth Internet over the air. Further information about DVB can be found at: www.dvb.org, www.dvb-h.org, www.mhp.org.

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