

DVB BROADCAST ASIA 2014 EXHIBITION & CONFERENCE PREVIEW

Power and Flexibility of DVB-T2 Demonstrated Delivering HEVC Encoded UHD and Mobile TV in a Single Channel

17 - 20 June 2014, Singapore, Stand 5L5-02

Geneva – 19 May, 2014 – Visitors to the DVB stand at this year's Broadcast Asia can witness the groundbreaking demo of DVB-T2 delivering a wide range of resolutions from UHD down to the smaller screen resolutions for mobile devices. The presentation underlines the power and flexibility of this second-generation standard.

Using the DVB-T2 terrestrial transmission standard, a UHD service utilizing HEVC encoding and a mobile service are being delivered in a single 8 MHz channel. This is enabled through the use of Multiple PLPs (Physical Layer Pipes), a feature of DVB-T2 that allows for the separate adjustment of the robustness of each delivered service within a channel to meet the required reception conditions.

The UHD service is received and displayed on a 55" TV from Sony with built-in HEVC decoder. UHD as well as mobile content has been supplied and encoded by Envivio, The mobile service is received on a mobile phone with embedded DVB-T2 receiver.

Visitors that are registered for the conference will be able to attend the Broadcast and Engineering session on day two of the conference. This session will be entirely devoted to DVB in Asia and advanced broadcast solutions. Delegates will hear presentations given by DVB experts that will provide updates on the latest developments in DVB standards and will acquire in-depth knowledge on such DVB standards as DVB-S2, DVB-T2 and DVB-CI Plus, to name just a few. In addition there will be a panel discussion on "DTT Experiences & What are the Key Opportunities". Full conference details can be found on the Broadcast Asia 2014 website.

About DVB

Digital Video Broadcasting (DVB) is an industry-led consortium of over 200 broadcasters, manufacturers, network operators, software developers, regulators and others from around the world committed to designing open interoperable technical standards for the global delivery of digital media and broadcast services.

DVB standards cover all aspects of digital television from transmission through interfacing, conditional access and interactivity for digital video, audio and data.

DVB dominates the digital broadcasting environment with thousands of broadcast services around the world using DVB's standards. There are hundreds of manufacturers offering DVB compliant equipment. To date there are over a billion DVB receivers shipped worldwide.

Further information about DVB can be found at: www.dvb.org, www.dvbservices.com and www.dvbworld.org.

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