

THE COMBINED POWER OF DVB-T2 & HEVC FOR MULTIPLE HD SERVICES ON DISPLAY AT BCA

7 HDTV Channels Over A Single 8MHz DVB-T2 Multiplex

2 - 5 June 2015, BroadcastAsia, Singapore, Stand 5L5-03

Singapore – 2 June, 2015 – Visitors to this year's BroadcastAsia Conference and Exhibition (BCA) in Singapore should not miss the opportunity to visit the DVB stand to witness firsthand the revolutionary effect the combined power the DVB-T2 standard and HEVC coding will have in the delivery of multiple channels of HD services. The demonstration illustrates the future-proof nature of DVB standards.

With most countries in the Asia-Pacific region having chosen to implement either DVB-T or leapfrogged directly to DVB-T2, this is an ideal opportunity for BCA delegates to visit the DVB booth to see for themselves a demonstration that illustrates the efficiency and power of DVB-T2 through combining 7 HEVC encoded High Definition streams into a single 8MHz multiplex, whilst using a very robust transmission mode for indoor and portable reception. The single transmission will be received on both fixed receivers and on portable receivers in a large part of the coverage area.

DVB has a strong presence in the official BCA 2015 Conference Program. In Track T3: "Digital Broadcasting - Standards, Technologies & Implementation" being held on day two of the conference, DVB is represented in a number of sessions throughout the day including: "Updates on the Latest DVB Activities"; "Sharing Practical Lessons and Experiences in Deploying DVB-T2"; "DVB-UHDTV, Going Beyond HD"; "DVB-S2X, Ready for a New Decade of Successful Digital Satellite Broadcasting"; "DVB-S2X and 4K - An Industry in Transition"; and DVB's role in "The Future of DTT Technologies". The sessions draw on the vision and experience of senior executives of the world's leading companies and organizations.

The DVB stand will be tended by DVB representatives and technology experts, available to answer queries and provide information on DVB's wide ranging family of open, interoperable, market driven standards. DVB standards form the basis of services on every continent with well over a billion receivers in operation.

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DVB would like to thank DVB Member companies and others who have generously contributed equipment and content to the demonstrations. They include: Arte, Fraunhofer HHI, IRT, Rohde & Schwarz, Sony and Technicolor. Further information and a list of the DVB Members exhibiting at BroadcastAsia and CommunicAsia can be found on the DVB website.

About DVB-T2

DVB-T2 is the world's most advanced digital terrestrial television (DTT) system, offering more robustness, flexibility and at least 50% more efficiency than any other DTT system. It supports SD, HD, UHD, mobile TV, radio or any combination thereof. Like DVB-T its predecessor, DVB-T2 uses OFDM (orthogonal frequency division multiplex) modulation with a large number of sub-carriers delivering a robust signal, and offers a range of different modes, making it a very flexible standard. DVB-T2 uses the same error correction coding as used in DVB-S2 and DVB-C2: LDPC (Low Density Parity Check) coding combined with BCH (Bose-Chaudhuri-Hocquengham) coding, offering a very robust signal. The number of carriers, guard interval sizes and pilot signals can be adjusted, so that the overheads can be optimized for any target transmission channel.

DVB-T2 has now been adopted or deployed in 70 countries. This well-established standard benefits from massive economies of scale and very low receiver prices.

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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