DVB AT IBC 2011

Spotlight on New DVB-T2-Lite Profile, Over-The-Top & Hybrid Services with GEM, and DVB-C2.

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Geneva – 09 September 2011 – Visitors to this year’s IBC have the opportunity to see three demonstrations that highlight the ground-breaking progress made by DVB with its family of open standards.

Making its IBC debut is the DVB-T2-Lite profile (See separate release), a new feature of DVB-T2, the world’s most advanced DTT system. The DVB-T2-Lite profile pares down DVB-T2 parameter settings to what is required for mobile/portable reception.

The demo consists of a live over the air transmission using the new profile with two Physical Layer Pipes, one with a DVB-T2 signal of 34 Mbit/s containing 3 HD programs, and another containing a single T2-Lite program of 1 Mbit/s. The signal is generated by a BBC R&D prototype DVB-T2 modulator and received on a commercially available integrated DVB-T2 TV, and a BBC R&D prototype T2-Lite demodulator that in turn displays the content on a small screen.

The DVB-GEM and DVB-C2 demonstrations highlight new applications that go beyond the usual delivery of one-way living room television services.

The GEM (Globally Executed MHP) demo shows a commercial hybrid television service using the most recent GEM 1.3 standard. The demo is made up of a combination of a local DVB-T stream and a live OTT stream from a server. The user can switch between the DVB-T and the OTT service by simply changing channels.

To highlight the approaching launch of DVB-C2 services, a DVB-C2 transmission is being received on an integrated prototype DVB-C2 TV. This TV is also connected to a local Video-on-Demand server that delivers VoD content over a second DVB-C2 channel.
The DVB stand is staffed with DVB representatives and technology experts available to answer queries and provide information on implementation of all DVB standards.

About DVB
Digital Video Broadcasting (DVB) is an industry-led consortium of over 233 broadcasters, manufacturers, network operators, software developers, regulatory bodies and others committed to designing global standards for the delivery of digital television and data services. 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 move towards global standardization, interoperability and future proofing.

DVB dominates the digital broadcasting environment with thousands of broadcast services around the world using DVB’s open standards. There are hundreds of manufacturers offering DVB compliant equipment. To date there are over half a billion DVB receivers shipped worldwide. DVB standards are also widely used for other non-broadcasting applications such as data on the move and high-bandwidth internet over the air. Further information about DVB can be found at: www.dvb.org, www.mhp.org, www.dvbservices.com and www.dvbworld.org.

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