



Press Release

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For immediate release

Monetizing your spectrum with the new ENENSYS DVB-T2 Gateway multiple PLP feature

ENENSYS Technologies keeps on innovating in digital terrestrial television and investing on the new DVB-T2 technology to provide the most cutting-edge broadcast solution of the market. Throughout its DVB-T2 Gateway and the multiple PLP properties, ENENSYS allows broadcast operators to offer a wide range of business models combining HD and SD services, video and radio, fixed and Mobile services.

The second generation terrestrial network, DVB-T2, includes the state-of-the art technology to efficiently use as much as possible the terrestrial spectrum while relying on the better algorithm. The Physical Layer Pipes concept defined within the DVB-T2 standard enables services-specific robustness. Operators can transmit at the same time HD services with high robustness and SD services with lowest robustness. A single multiplex can also address fixed TV antenna, mobile devices, radio receivers, ...

The ENENSYS' DVB-T2 Gateway features the DVB-T2 encapsulation of MPEG-2 Transport Stream into baseband frames, inserts synchronization information for SFN/MISO broadcasting, control in-band DVB-T2 modulators using the T2-MI protocol communication, and generates T2-MI packets over ASI and IP. The new NN6-T2 Gateway version accepts incoming MPEG-2 Transport Stream over IP and handles the delivery of multimedia services over multiple PLP.

Laurent ROUL, head-end product manager at ENENSYS, said: "We are very proud to leverage our DVB-T2 solution to support the multiple PLP transmission. The NN6-T2 Gateway is the core component of the DVB-T2 infrastructure for SFN/MISO broadcasting and now for the delivery of services over multiple PLP. It provides the tools to enable Operators to efficiently use their available spectrum and to offer a great deal of services within one multiplex. Throughout this technology, they can combine various kind of audiovisual services and monetized them according to the associated robustness."

The NN6-T2 Gateway multiple PLP featuring completes the ENENSYS set of DVB-T2 bundles. Five end-to-end DVB-T2 bundles have been defined to allows operators and labs to discover the new DVB-T2 concepts, to start SFN/MISO experimentation or to launch an advanced DVB-T2 trial. A dedicated bundle enables multiple PLP broadcasting with the NN6-T2 Gateway, the ENENSYS' DVB-T2 modulator, and the DiviDual T2-MI monitoring and analyzing the different PLP.

About ENENSYS Technologies SA

ENENSYS Technologies has years of experience in the design and manufacturing of Digital TV transmission systems. Offer ranges from Mobile TV, Digital Terrestrial TV, IP Distribution to Test & Monitoring solutions, with high grade services and trainings. Covered standards include DVB-H, T-DMB, DVB-T, DVB-T2, DTMB, Digital Cable, ... ENENSYS has over 200 customers in 50 countries. Customers are Broadcast & Network Operators, Telcos, Chipset Vendors, Receivers Manufacturers and Global System Integrators. Headquartered in Rennes, France, in the heart of the European Digital Broadcast Cluster. For more information, please visit www.enensys.com.