

Press Release

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For immediate release

Powerful standard-based DVB-T2 regionalisation solution

ENENSYS' world leader of DVB-T2 end-to-end solutions leverages its DVB-T2 portfolio to support the delivery of regional/local TV services over DVB-T2 networks. The T2Edge benefits of the DVB-T2 Multiple PLP technology to offer a standard-based regionalisation solution that allows operator to save annual OPEX cost.

Since the early stage of the award-winning DVB-T2 standard, ENENSYS has helped broadcast and network operators to understand, to assess, to trial and to deploy DVB-T2 technology. The DVB-T2 ENENSYS solution ranges from the DVB-T2 Gateway that performs DVB-T2 encapsulation, SFN adaption and Multiple PLP management, to the T2-MI Seamless ASI switch that enables seamless switch-over between T2-MI streams, up to the DVB-T2 modulator that modulates the signal according to the DVB-T2 standard. ENENSYS provides also DVB-T2 test tools to analyse and to monitor DVB-T2 RF signals and T2-MI streams.

ENENSYS leverages its offering to support the delivery of regional/local TV services over DVB-T2 networks. Based on the T2Edge product, ENENSYS offers a unique standard-based regionalisation solution that relies on the DVB-T2 Multiple PLP technology and supports SFN broadcasting. Running at the transmission site, the T2Edge inserts locally DVB-T2 regional/local services by replacing PLP of a national T2-MI stream from a regional T2-MI stream. The national TV channels carried over the main T2-MI stream are transmitted only once towards all the regions to optimize the network distribution bandwidth. The T2Edge performs the local insertion in a deterministic manner to enable SFN broadcasting without requiring an external clock reference. It also updates DVB-SI tables to reflect the service information related to the regional/local services.

"We are delighted to offer such a regionalisation solution to DTT broadcast and network operators", said Laurent Roul, ENENSYS networks product manager. "Offering regionalisation solution over DVB-T network was a real nightmare as soon as operators wanted to combine it with SFN broadcasting and statistical multiplexing. With the T2Edge solution, ENENSYS solves not only this issue in DVB-T2 but also provides a fully standard-based solution that allows operator to offer more local services and to save annual OPEX cost for the network distribution. Knowing that 50% of the DTT content is local or regional, ENENSYS had to provide a solution to match to the market demands. After the successful launch of nationwide DVB-T2 services in Europe, T2Edge will help operators to go one step beyond by offering DVB-T2 regional services."

About ENENSYS Technologies SA

ENENSYS Technologies has years of experience in the design and manufacturing of Digital TV transmission systems. ENENSYS is the world leader for DVB-T2 technology, and covers other standards such as DVB-T, DVB-H, T-DMB, DTMB... Product range covers Broadcast Network Equipment for Digital Terrestrial TV, Mobile TV and IP Distribution, but also Test & Monitoring solutions. Customers range from Broadcast & Network Operators, Chipset Vendors and Receivers Manufacturers. ENENSYS is headquartered in Rennes, France, in the heart of the European Digital Broadcast Cluster.

For more information on Broadcast Network Equipment, please visit www.enensys.com.

For more information on Test & Monitoring, please visit www.enensystem.com