Press 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."