



ENENSYS Broadcast Asia Press Release

ENENSYS PROVIDES ONEBEAM™ SYSTEM TO THAI TV5 FOR NATIONAL DVB-T2 NETWORK LAUNCH IN THAILAND

Broadcast Asia, Stand 4B1-07, Singapore – 17th June 2014: In advance of this month's Broadcast Asia, ENENSYS, designers and manufacturers of digital TV transmission technologies, has today announced that it has supplied its OneBeam solution to Thai TV5 for its DVB-T2 digital terrestrial TV network. The network optimisation system comprises: T2 Gateways, IPGuard Seamless Switches and T2Edge local adapters for Thai TV5 in Bangkok for its DVB-T2 digital terrestrial TV network.

The new DVB-T2 network has launched with transmitters in the cities of Bangkok, Nakhon Ratchasima, Chiang Mai and Songkhla with TV5 providing two multiplexes delivering a total of 14 TV channels. Additional transmitters will be commissioned over the next 18 months, providing terrestrial TV reception to 95 per cent of Thai households.

ENENSYS T2 Gateways and seamless switches are installed at the Bangkok head-end, with distribution to transmitters over satellite and IP links. The 'must carry' requirement in Thailand means that the terrestrial TV channels must also be broadcast on DTH free-to-view satellite within the Kingdom. This ENENSYS OneBeam solution enables the DTH satellite service to be used to feed the DVB-T2 transmitters, delivering significant savings in satellite transponder capacity and operational costs.

ENENSYS T2Edge units at each transmitter site build the T2 multiplexes for transmission, enabling Single Frequency Network operation of transmitters. The T2Edge also implements the Emergency Warning System, replacing all

normal TV programmes with an emergency TV service under the control of the disaster coordination centre in Bangkok.

The solution has been supplied through Loxley Public Company Limited, acting as systems integrator for the TV5 network and studio equipment contracts with a total value of more than THB 1 billion.

Colonel Yosapon Meeprom, Director of Technical and Broadcasting Dept, Thai TV5, said, "ENENSYS has been able to meet our requirements to combine satellite delivery to our viewers as well as distribution to our DVB-T2 transmitters. The same technology also supports the Emergency Warning System that Thai TV5 will manage on behalf of all of the digital TV network operators."

Colin Prior, Regional Sales Manager for ENENSYS, added, "We are delighted that Thai TV5 has selected ENENSYS DVB-T2 technology at the core of its new digital terrestrial network. The OneBeam solution has been developed specifically to meet the requirements of network operators such as TV5 to optimise satellite capacity by combining DVB-T2 transmitter feed distribution with conventional DTH delivery."

About ENENSYS:

Founded in 2004 by digital TV professionals, ENENSYS Technologies has years of experience in the design and manufacturing of digital TV transmission systems. Its products sit between encoding/multiplexing and transmission, facilitating signal distribution over a wide variety of networks including IP. ENENSYS is the world leader for DVB-T2 technology, and covers other standards such as DVB-T, LTE Broadcast, T-DMB and DTMB. The company develops the technology embedded in its products and has released 15 patents to protect its intellectual property. For more information visit www.enensys.com.

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