

ENENSYS BROADCASTASIA 2015 PREVIEW DOCUMENT

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Company details:

ENENSYS
6 rue de la Carriere
CS37734
35577 Cesson-Sevigne cedex,
FRANCE

Tel: +33 (0)1 70 72 51 70
Fax: +33 (0)2 99 36 03 84
Email: sales@enensys.com
Web: www.enensys.com
Contact: Richard Lhermitte

Press contact:

JUMP PR
Telephone: + 44 (0) 207 737 4238
Email: joss@jumprr.tv
Contact: Joss Armitage

ENENSYS Technologies is a leading designer and manufacturer of digital TV distribution systems. Its products sit between encoding/multiplexing and transmission, facilitating signal distribution over a wide variety of networks including IP. ENENSYS is a world leader in broadcast network technology, providing powerful optimisation and regionalisation solutions for terrestrial TV. The company covers the key standards such as DVB-T, DVB-T2, LTE Broadcast, ATSC and ISDB-T. It develops the technology embedded in its products and has obtained 15 patents to protect its intellectual property.

At BroadcastAsia 2015, ENENSYS will focus on new DTT network optimisation and regionalisation features within its overarching OneBeam solution, targeted at the needs of the Asian market.

ENENSYS CELEBRATES THE SUCCESS OF ONEBEAM AND UNVEILS NEW FEATURES FOR ITS DTT NETWORK OPTIMISATION AND REGIONALISATION SOLUTIONS

OneBeam: ENENSYS is celebrating two years of success with OneBeam, the innovative DTT network regionalisation solution for DVB-T/T2. OneBeam solves the problem of how to use the same satellite capacity to deliver services to both DTH (DVB-S/S2) receivers and DTT (DVB-T or T2) transmitters. OneBeam is now being used in the largest DVB-T2 rollout worldwide, joining multiple deployment successes globally.

SHOW DEBUT AT BROADCASTASIA 2015:

T2-MI GEN: This is a simple and cost-effective T2Gateway solution for generating T2-MI-compliant streams for regional DVB-T2 headends, supporting the adaption of a small number of services.

Integrated satellite receiver option in T2Edge & T2EdgeDTH: ENENSYS has released a satellite receiver option for T2Edge and T2EdgeDTH products to enable direct satellite input (DVB-S/S2) at transmission sites. This development allows increased density by removing the need for an external IRD, enabling operators to reduce costs. BISS de-scrambling is also supported for applications where content protection is used on the satellite.

HDc chassis – ENENSYS’ modular chassis platform offers a high density, flexible solution that can house up to six different modules in 1RU, providing valuable space and cost savings.

ASIIPGuard –ENENSYS’ ASIIPGuard seamless switch product is a high density (up to six switches in one HDc chassis), cost-effective solution. ASIIPGuard supports 2:1 and 3:1 switching for both ASI and IP transports streams, with options for seamless T2-MI and seamless Transport Stream switching. ASIIPGuard can be used to autonomous switching between main and backup distribution and contribution feeds and provides comprehensive monitoring and flexible switching criteria.

ALSO ON SHOW AT BROADCASTASIA 2015

Regional Emergency Warning System (rEWS): Providing TV-based emergency warnings of dangerous weather events and natural disasters is a primary concern across many countries and regions. ENENSYS has developed a technologically elegant and cost-effective solution – rEWS – for digital terrestrial (DVB-T and DVB-T2) networks, including those with multiple regions where only one region needs the warning. rEWS avoids the need for special receiver software by using broadcast TV channels to convey the warning message across all TV channels in a region (or nationally) at the same time.