



## Press Release

### **ENENSYS LAUNCHES ASIIPGUARD A VITAL TOOL FOR A HIGH-QUALITY VIEWER EXPERIENCE**

**Rennes, France – 28th October 2014:** ENENSYS, designers and manufacturers of digital TV transmission technologies, has today announced the official release of its new ASI switcher technology, ASIIPGuard. The solution is a significant upgrade of its widely deployed ASI switches, and is a highly cost-effective technology, allowing network operators and broadcasters to provide premium signal quality for viewers.

ASIIPGuard provides automatic switching capabilities between two ASI sources, ensuring the best quality input is selected at any given moment by analysing transport feeds. It can also be used as a 1+1 redundancy solution.

Laurent Roul, Broadcast Networks Product Line Manager, said, “The launch of ASIIPGuard is the latest development from us designed to provide network efficiency and a premium quality viewer experience. It allows broadcasters to avoid transmitter de-synchronisation and transmission blackouts in DTT SFN (single frequency network) environments, which is vital. The technology is equally important in other broadcast networks too.”

When operating at transmission sites, ASIIPGuard analyses and realigns transport feed data to seamlessly switch over inputs, selecting the best DVB-S/S2 source from either ASI, IP or satellite inputs, which is crucial. It’s primarily designed for cases where there is a main and backup feed – for example, where the Multiple Program Transport Stream (MPTS) is delivered over IP with a satellite stream as backup. If errors are detected within the IP stream (at IP or MPTS level), the system will automatically switch to the

satellite input to select a better quality source for onward transmission – and vice versa.

ASIIPGuard is fully compatible with the new ENENSYS HDc chassis, providing high-density switching. The HDc chassis allows modules and power sources to be hot swappable for maximum flexibility and easy maintenance. The HDc platform is highly scalable and is fully future-proof. It can run up to six ASIIPGuard modules to enable six ASI switch functions in 1U..

The ASIIPGuard has been designed as a 2:1 automatic ASI switch to provide redundancy for any equipment with ASI connections. With up to three ASI, two IP and one satellite input, it offers the option to switch between three feeds to become a 3:1 automatic ASI switch.

**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](http://www.enensys.com).

**ENENSYS contact:**

Richard Lhermitte  
Email: [richard.lhermitte@enensys.com](mailto:richard.lhermitte@enensys.com)  
Tel: +33 1 70 61 76 30

**PR Contact:**

Joss Armitage  
Jump PR  
Email: [joss@jumppr.tv](mailto:joss@jumppr.tv)  
Tel: +44 (0)208 771 9435  
Mob: +44 (0)7979 908547