Press Release

ENENSYS RISES TO IP STREAM REDUNDANCY CHALLENGE WITH MODULAR IPGUARDV2

Rennes, France, 22 March 2016: [ENENSYS](#), designers and manufacturers of digital TV transmission technologies, has risen to the redundancy challenge provided by the huge growth in the use of IP streams with the launch of its new IPGuardV2. As well as its core redundancy capabilities, the system also includes advanced switching criteria specifically designed for the broadcast and related media markets.

Jean-Baptiste MARIE, Product Marketing Engineer with ENENSYS, said, "The whole industry is now moving towards IP throughout the broadcast chain. A prime network example is where once it was satellite from headend to transmitter, now it's increasingly IP. This is a global phenomenon. Of course, with increased usage comes increased redundancy requirements. Successful redundancy is essential in meeting service level agreements."

IPGuardV2 provides smart and automatic redundancy for all IP-based appliances and networks and is designed for any customer that needs to secure IP stream transport or generation. For example, used in DTT headend it allows seamless single frequency network and T2-MI switching, preventing any loss of synchronisation between transmitters in a network and thus, avoiding a complete TV blackout.

In order to provide the capacity and flexibility that the market now requires, IPGuardV2 is compatible with the company's High Density Chassis and can be purchased and installed in a modular way for maximum scalability and flexibility. In 1RU the chassis contains six product modules, each module able to handle 66 streams. This means a total of 396 streams per 1RU. This high

density and huge processing capabilities makes the product ideal for high stream count networks like CATV and IPTV.

IPGuardV2 can provide 1+1 IP automatic stream redundancy for any IP-based equipment (encoders, multiplexers, VoD servers, etc.).In the case of network redundancy, IPGuardV2 can manage seamless redundancy of identical TS and T2-MI streams coming from different network paths with different transport delays by performing streams alignment. For instance, it can be used to provide redundancy for streams to a remote site through both a fibre and an Ethernet network. It also allows only specific affected streams to be replaced.

Finally, thanks to its "bypass" feature and the hot plug power supply, IPGuardV2 ensures 100 per cent service availability by preventing systems failures from impacting successful delivery.

Marie said, "IPGuardV2 is a direct response to market demands. Combining its ability to provide IP stream monitoring and switching capabilities for any type of network - MultiCast or Unicast, UDP or RTP – with its modularity, it's a unique and powerful solution to a growing market issue."

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, DTMB, ATSC and ISDB-T. The company develops the technology embedded in its products and has released 18 patents to protect its intellectual property. For more information visit www.enensys.com.

ENENSYS contact:
Richard Lhermitte
Email: richard.lhermitte@enensys.com
Tel: +33 1 70 61 76 30

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