



## IBC Press Release

### **ENENSYS' LAUNCH OF DTTCaster PROVIDES COST-EFFECTIVE REGIONAL DTT RETRANSMISSION**

**Rennes, France, 1<sup>st</sup> September 2016:** [ENENSYS](#), designers and manufacturers of digital TV transmission technologies, is announcing the launch of DTTCaster at IBC 2016. This provides highly cost-effective off-air reception and retransmission of DTT signals at transmitter sites where other connectivity isn't possible or is cost-prohibitive.

DTTCaster, a brand new product, is an important addition to ENENSYS' DTT network regionalisation and optimisation portfolio. It allows highly cost-effective retransmission of DTT networks at regional/local transmitter sites where IP (microwave, fibre and so on) or satellite connectivity isn't possible or is too expensive. In terms of the former, this is usually down to either geography or cost or a combination of the two. C-band satellite reception at local transmitter sites isn't always possible either as the dishes are very large and there's surrounding infrastructure required too. Of course with satellite there are also capacity costs to consider.

Laurent Roul, Product Line Manager, Broadcast Networks Equipment, said, "Digital Terrestrial Television is for huge parts of the world's population the primary, indeed only, way to receive television signals. We are constantly striving to allow DTT networks to reach further, and with as tailored content as possible, in a way that is financially viable. DTTCaster is another important development in that regard."

DTTCaster allows reception of network content using a simple antenna then re-generates that content on another frequency. This provides low-cost, high-quality retransmission of a network. With DVB-T2, ENENSYS has developed an innovative and fully standards-compliant solution that allows the rebroadcasting of Single Frequency Network content in both single PLP and multiple PLP mode. This allows an efficient parent/child transmitter architecture. DTTCaster units are housed in

ENENSYS's HDc chassis with a maximum of six DTTCaster units in 1U enabling the reception of 24 RF signals.

In summary DTTCaster allows:

- DVB-T/T2/ISDB-T/Tb rebroadcasting for DTT retransmission sites or cable headends
- Up to four RF signals from a single DTT antenna
- DVB-T2 SFN rebroadcasting

**About ENENSYS:**

Founded in 2004, ENENSYS Technologies designs and manufactures innovative professional hardware and software solutions enabling Efficient Video Delivery over broadcast and telecoms networks.

The Broadcast Networks division of ENENSYS Networks develops equipment for digital Terrestrial TV, Targeted Content Insertion and Switches and IP Transport. Products sit between encoding/multiplexing and transmission, facilitating signal distribution over a wide variety of networks. Focused on innovation, the company has released 22 patents to protect its intellectual property. For more information, visit [www.enensys.com](http://www.enensys.com).

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