

Support of GSE format in Green4DAB modulator brings greater flexibility for feeding DAB transmitters through satellite

Rennes (France), September 06, 2017 – TeamCast, the world-renowned leader in digital modulation technologies for Digital Terrestrial Television (DTT), Wireless Transmission and Satellite Applications, is bringing additional flexibility to DAB network architectures with the support of the Generic Stream Encapsulation (GSE) format on its well established Green4DAB modulators.

Generic Stream Encapsulation (GSE) is a standardised protocol enabling IP packets to be carried on a DVB-S/S2 satellite link, in a flexible and efficient way. Electronic Data Interchange (EDI) is a standardised IP format for distributing a DAB signal from the network head-end to the transmitters.

TeamCast's powerful Green4DAB modulator has been supporting widely-used input standards such as ETI (Ensemble Transport Interface) over G703 or satellite, and EDI over Ethernet for a long time.

With its embedded satellite demodulator and with the new GSE de-encapsulation feature, Green4DAB now supports signal distribution over satellite with the benefits of both EDI and GSE in terms of low overhead and operational flexibility, when compared to ETI over satellite.

"When enabled in the transmitters, this optional feature is compatible with any DAB network head-end equipped with a DVB-S/S2 modulator offering the GSE encapsulation protocol, such as TeamCast's renowned VYPER family. It not only increases the range of input formats supported by the Green4DAB modulator, but also brings greater flexibility to network operators' infrastructures" says **Eric PINSON**, Head of Business Unit at TeamCast.

The Green4DAB modulator with its embedded GSE satellite receiver will be shown at IBC 2017 on TeamCast's stand **#2.B51**.

TeamCast has been **shortlisted** for the **IBC 2017 Innovation Awards** in the Content Distribution category, for its contribution to the Next Generation Broadcast Architecture Project deployed in the USA by Sinclair Broadcast Group, with support from ONE Media.



About TeamCast:

TeamCast is a renowned and highly active member of the Digital TV ecosystem worldwide, with innovative technology offerings based on a solid expertise in Satellite and Terrestrial Digital TV transmission.

Created in 2003, and based in Rennes, France, TeamCast is deeply involved in the development, definition and verification of numerous broadcasting standards including DVB and ATSC 3.0. TeamCast is an active member of the ATSC forum and actively participated to the definition of the ATSC 3.0 physical standard.

Today, major clients in the Broadcasting Industry from 50 different countries invest their confidence in TeamCast and its products. TeamCast has offices in Elmira (New York) and in Singapore to support the development of its business in North America and Asia, and to provide local sales and technical support services to its customers.

For more information: **www.teamcast.com**

TeamCast

Tel: +33 (0) 2 23 25 26 80
Fax: +33 (0) 2 23 25 26 85
Centre Espace Performance
F-35769 Saint-Grégoire Cedex
France

TeamCast Inc.

Tel: +1 312 263 0033
100 North Main Street
Suite 203
Elmira, New York 14901
USA

TeamCast Asia

60, Albert Street
OG Albert Complex - #15-11
Singapore 189969