

Press Release

FOR IMMEDIATE RELEASE

World's first automatic satellite link optimization solution introduced by TeamCast

Rennes (France), January 9, 2018 – **TeamCast**, the world-renowned leader in digital modulation technologies for Digital Terrestrial Television (DTT), Wireless Transmission and Satellite Applications, is introducing a totally disruptive solution for optimizing satellite links.

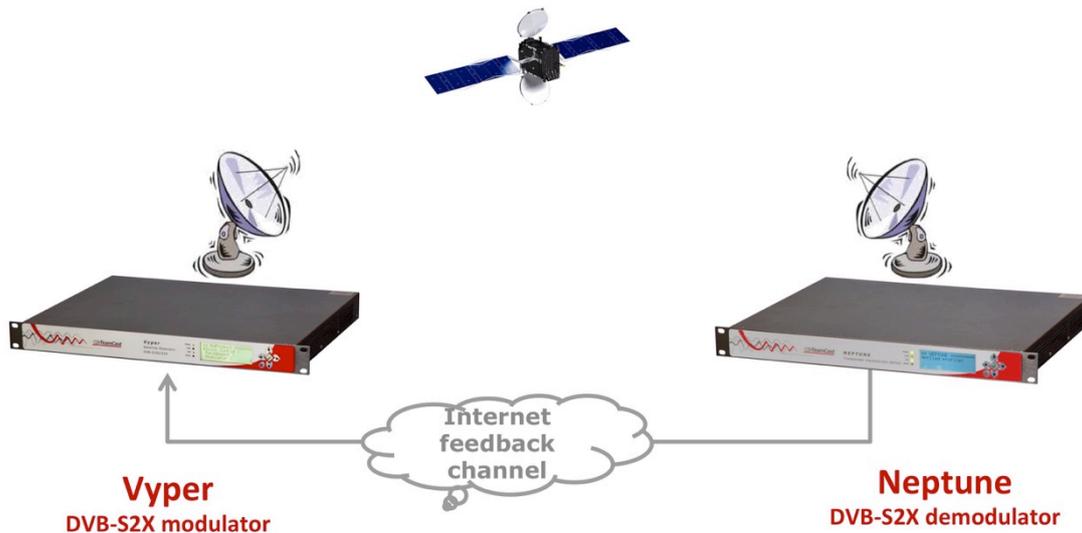
The solution uses a feedback channel through a regular low bitrate internet connection to optimize the link budget, and increase the available payload capacity while keeping your costs low.

The feedback information elaborated by the downlink **Neptune** receiver is used by the uplink **Vyper** modulator to pre-correct the linear and non-linear impairments of the on-board transponder chain.

The optimization is automatic and transparent for the user. It can be used while the link actually carries user data, without any need to put the transmission on hold. No specific knowledge of the transponder characteristic is necessary; no specific skills are required for the operator.

The link budget automatically increases while the link is used. That means the link margin is getting better providing the possibility either to secure the link against unexpected adverse conditions or increase the useful bandwidth by adjusting the modulation parameters.

*"Our fully automatic solution offers increased transmission performance to operators, without requiring specific equipment or knowledge" says **Christophe Trolet**, head of the **Satellite Business Unit** at **TeamCast**. "We are proud to offer this new and powerful tool to operators, without adding operational complexity. Everything is included in the **Vyper** modulator and the **Neptune** receiver, both meeting DVB-S2/S2X requirements for the highest operational flexibility and the payload capacity for a given transponder" he adds.*



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 at Rennes in France, TeamCast is deeply involved in the development, definition and verification of numerous broadcasting standards.

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

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