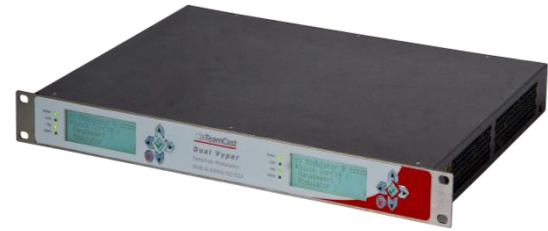


What is a Dual Vyper modulator?

Dual Vyper is a new, cost effective and compact solution for satellite transmissions. Based on the successful and recognized VYPER platform, Dual Vyper hosts two independent modulators in a single 1RU chassis. It is ideally suited for high density applications, such as DSNG trucks and large teleports, while offering high quality output signals. Dual Vyper fully supports DVB-S/S2/S2X including 64 APSK modes for a maximized useful payload, and is CID compliant.



Why a Dual Vyper modulator?

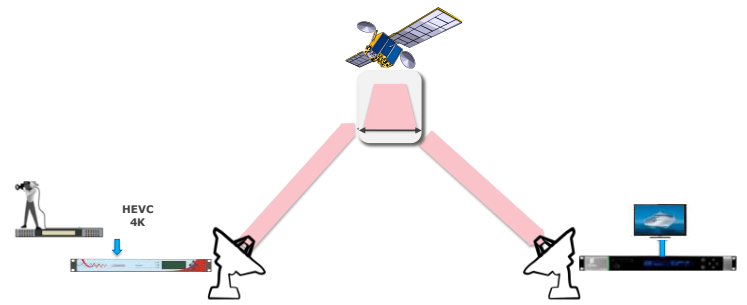
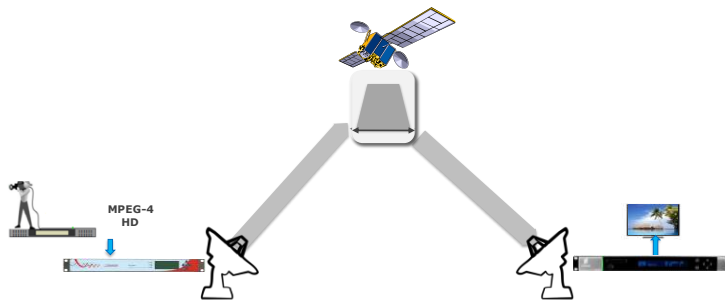
The basic idea is to propose a very compact solution, thus to provide a product that is able to save room where space is limited. Please, find below some use cases.

Use cases

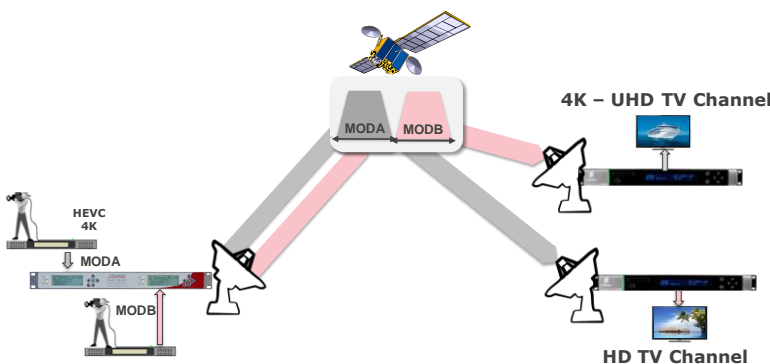
1 – HD/4K Simulcast: A typical use case of the Dual Vyper would be to broadcast in parallel both formats, 4K and HD, to make the program available in 4K and HD format or to broadcast to two different locations.

The HD transmission

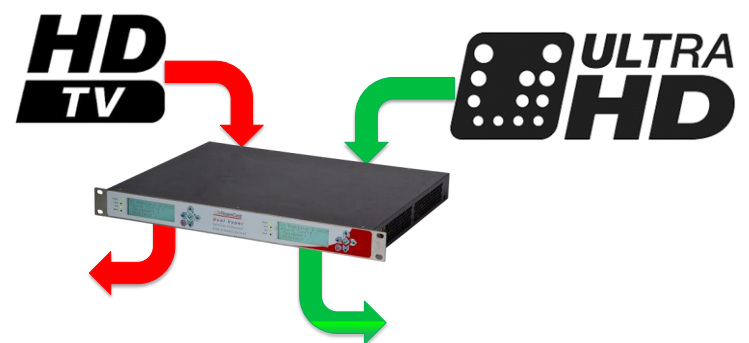
And the 4K transmission



can be replaced by a Dual Vyper to save room in the OB-Van:



SimulCast HD/4K



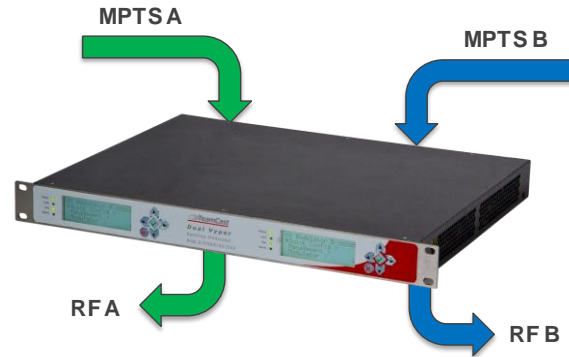
Save room in your OB-Van

Dual Vyper Modulator



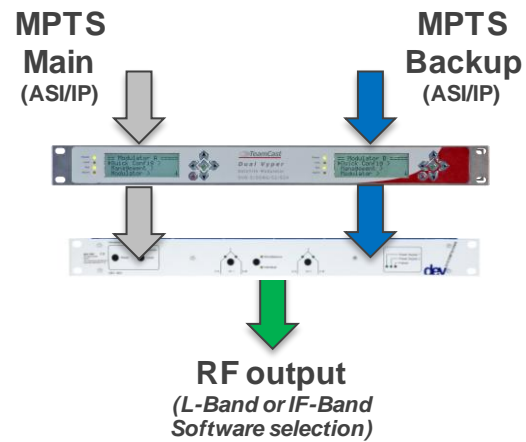
2 – Dual independent Modulation: Dual Vyper is able to support a parallel, independent signal path of two transport-streams because the two modulators are totally independent of each other, their inputs/outputs as well as their power supplies.

Note: An optional passive L-Band combiner can be embedded in the 1RU unit to save even more room!



3 – Compact Redundancy: Dual Vyper is a 1RU chassis with two satellite modulators inside. Therefore, a redundancy system only needs 2 1RU units.

Note: An optional RF Switch could be embedded in the 1RU unit to save even more room!



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 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.

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