

the **FIBER-Saver**

Fiber optic wavelength re-mapper and multiplexer system for openGear.

SUMMARY

The MultiDyne Fiber-Saver is an innovative solution for combining as many as 18 HD-SDI feeds, or optical signals of any wavelength onto one single-mode fiber. This allows stadiums, arenas and ball fields to increase signal capacity without the need to install more multi-strand fiber optic cables.

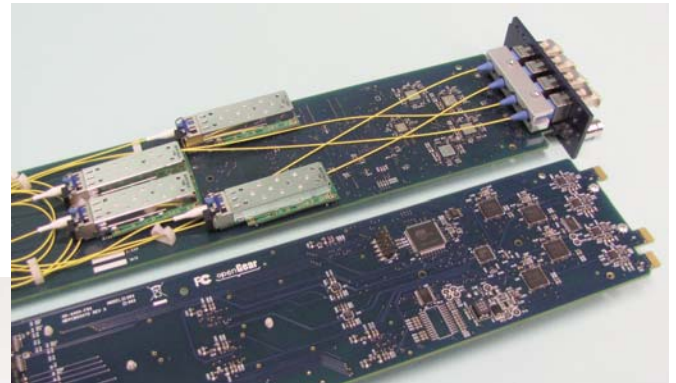
Mobile trucks, OB vans and facility managers can now offer expanded video and audio capacity when hosting major events without having to deal with additional fiber cabling and the associated costs. The MultiDyne Fiber-Saver transport accepts SDI video signals ranging from 270Mbps up to 3Gbps and converts them into optical signals. These signals can then be combined with other optical signals of any wavelength and then transported over one fiber.

The MultiDyne Fiber-Saver has the capacity to handle any combination up to 18 existing transmitter/receiver or new copper HD-SDI feeds that are then combined and sent over just one single-mode fiber. Consider the system expansion capability offered by the MultiDyne Fiber-Saver; an 18-strand fiber cable could now provide enough capacity for 17 new feeds in addition to the signals handled by the MultiDyne Fiber-Saver that uses only one strand from the 18-strand cable.

The MultiDyne Fiber-Saver cards have been designed for the openGear frame, expanding MultiDyne's openGear product offerings. This is an ideal method to expand system capacity over one fiber, using only 2RU of rack space. The SNMP Dash-Board monitoring system provides for both local and remote monitoring of the transport.

FEATURES

- Multiplex any wavelength.
- Mux up to 18 optical signals of any wavelength onto one fiber.
- Up to 4.25Gbps conversion and multiplexing.
- Redundant power
- SNMP Monitoring.
- openGear frame compatible.
- Mux up to 36 optical signals in one openGear frame over just two fibers.
- Any combination of transmit and receive in the same frame.
- Hot swappable cards.

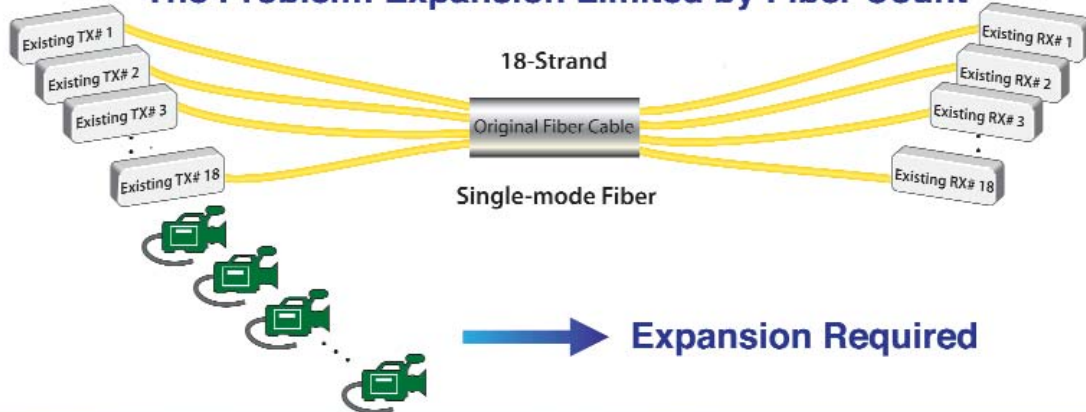


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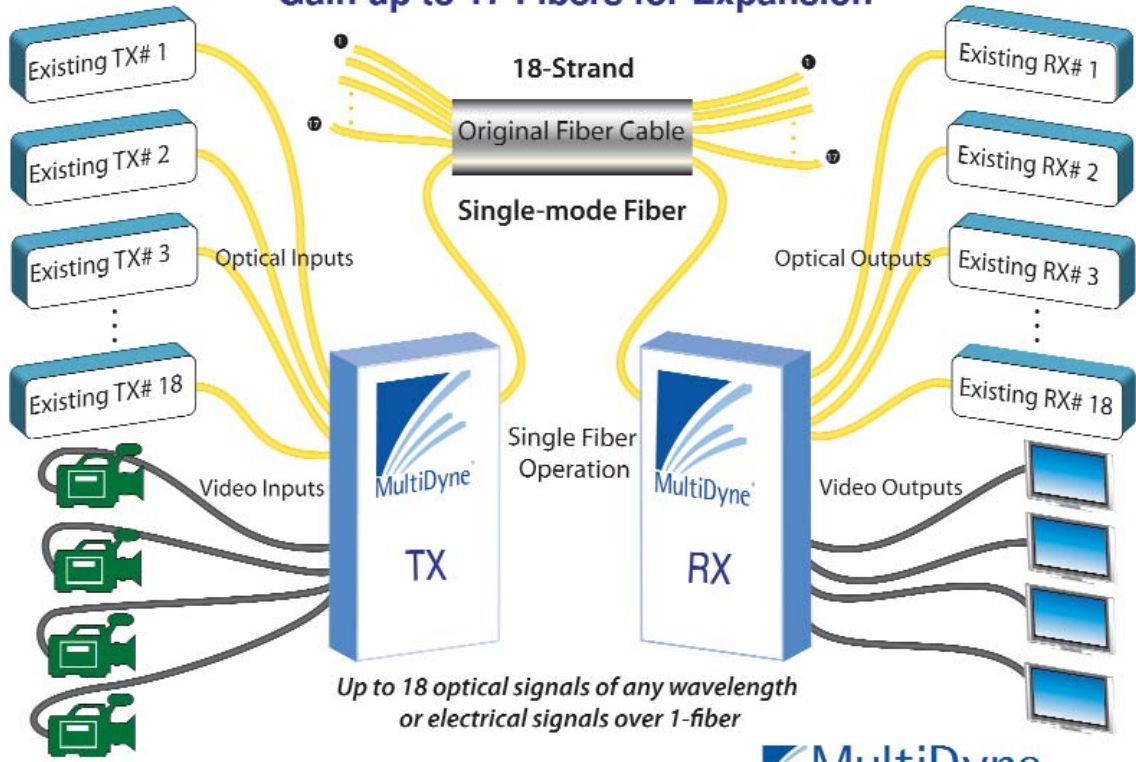
MultiDyne *Fiber-Saver*

The Problem: Expansion Limited by Fiber Count



The Solution...MultiDyne *Fiber-Saver*

Gain up to 17 Fibers for Expansion



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