Open Optical Transport System

Mitsubishi will release new products that are compliant with Open APN (Open All-Photonics Network) based on photonics technology.

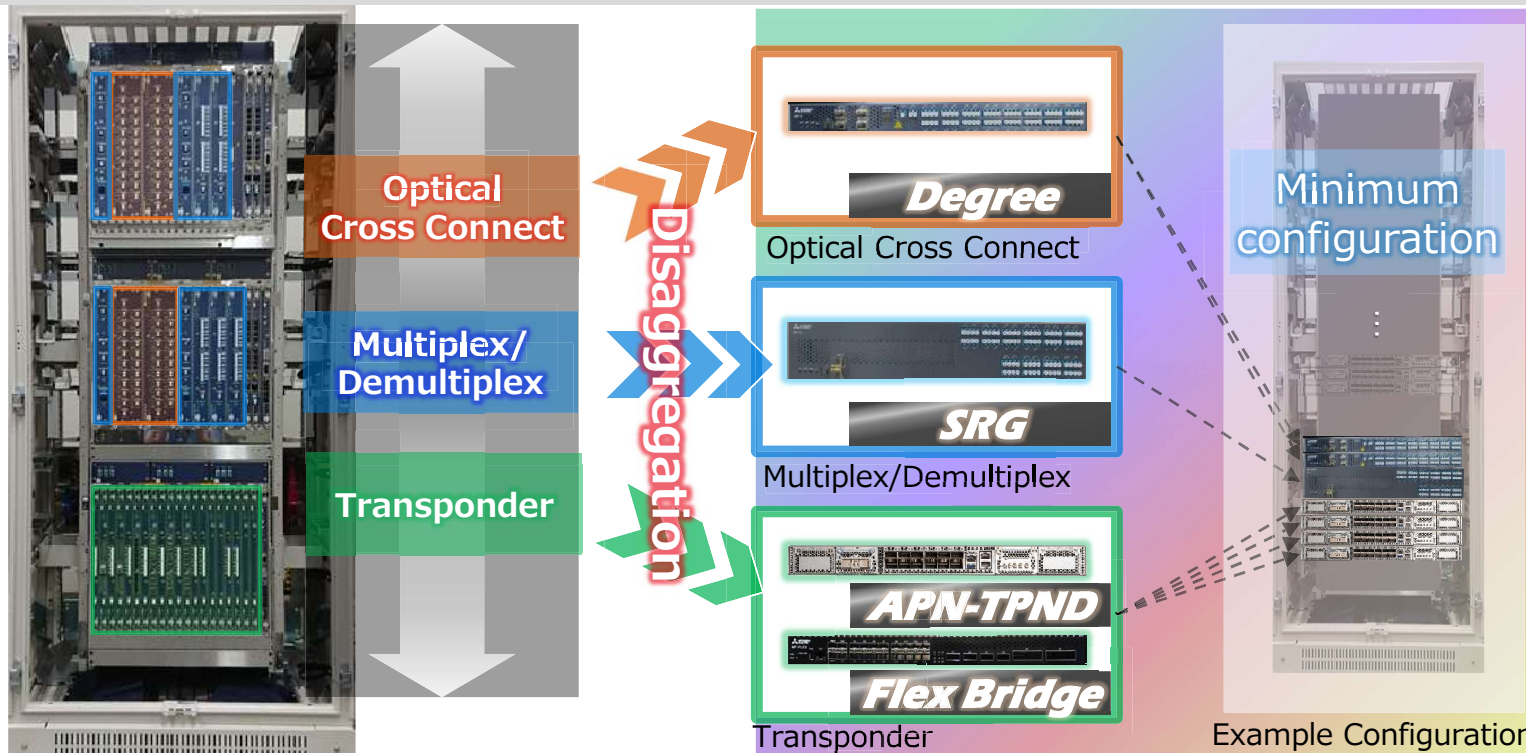## Flexible networking through open architecture

- It is possible to build a flexible network regardless of a specific vendor by changing from a vertically integrated system based on a network constrained by a single vendor to a disaggregated configuration.

Blade type system for easily expanded functionality

- Blade type products that divide the system by function enable function expansion with minimal impact on service.
- This enables small starts depending on the scale of the network and contributes to flexible capital investment.

Monitoring and control by a common controller

- Different vendors' equipment can be monitored and controlled with a common controller by utilizing an open specification for the control interface.
- It is possible to optimize the entire network depending on traffic volume by utilizing an automatic control program and AI in the one vendor's controller.

Optical Cross Connect

Degree
Optical Cross Connect

Multiplex/Demultiplex

SRG
Multiplex/Demultiplex

Transponder

Disaggregation

APN-TPND

Flex Bridge
Transponder

Minimum configuration

Example Configuration

MF-8800GW-XC(original products)
- ✓Vertically integrated System
- ✓Mounting the required packages on designated shelves

Open MF *series*
- ✓Open ROADM
- ✓Blade type products per functional block
- ✓Alien wavelength control

▶**Point**
- ✓ Mounted on all-purpose racks.
- ✓ Enables minimal network design work depending on the application.
- ✓ Interconnection and common control with other companies' equipment.