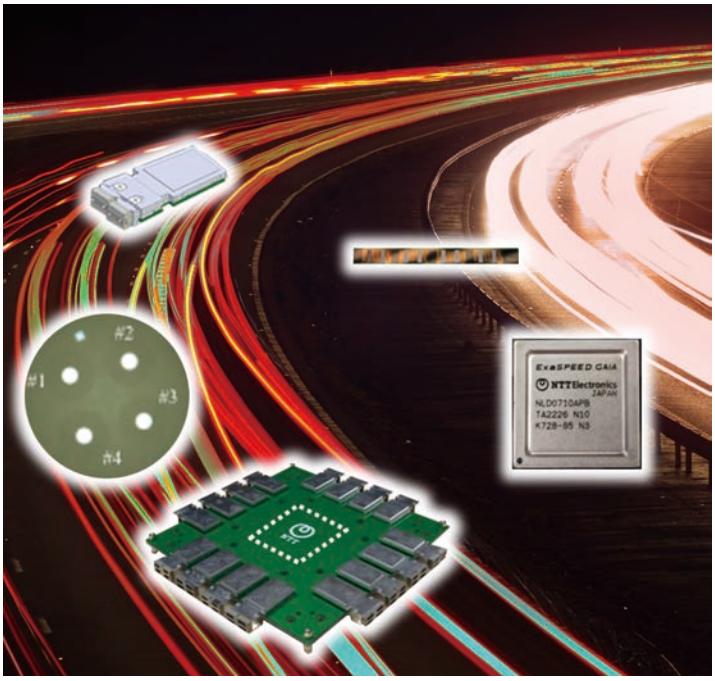
IOWN Now

Key devices for large-capacity optical paths in the IOWN era

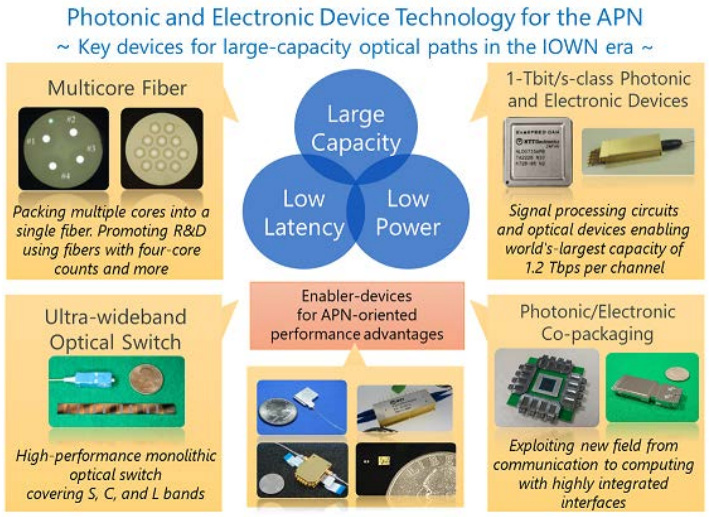


Background

NTT has developed several advanced devices for high-speed high-capacity optical path. Advanced electronics and photonics integration results in the cost-effectiveness of the APN to support various user experiences.

Summary

At NTT, we are developing basic technologies for transmitting and controlling optical signals at ultra-high speeds to achieve the APN. In this exhibit, we will introduce devices having advanced functions along with their development objectives.



Feature 1

Ultra large-capacity and high-speed transmission used by advanced device technologies

Feature 2

Functionality advancement for compactness, power efficiency, and high integration

Feature 3

Photonic/electronic co-packaging and new interfaces

Future benefits

These devices provide functionality advancement such as ultra-large-capacity, and will be used in core, metro, and access networks in the APN, as well as in transceivers and white-box switches for datacenters.

Collaboration partners

Hakusan corporation

Related Exhibits

N-E12, A-N02

Exhibiting Company

NIPPON TELEGRAPH AND TELEPHONE CORPORATION

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