

Lambda UTILITY Project

Photonic technologies for Distributed Virtual Terabit LAN

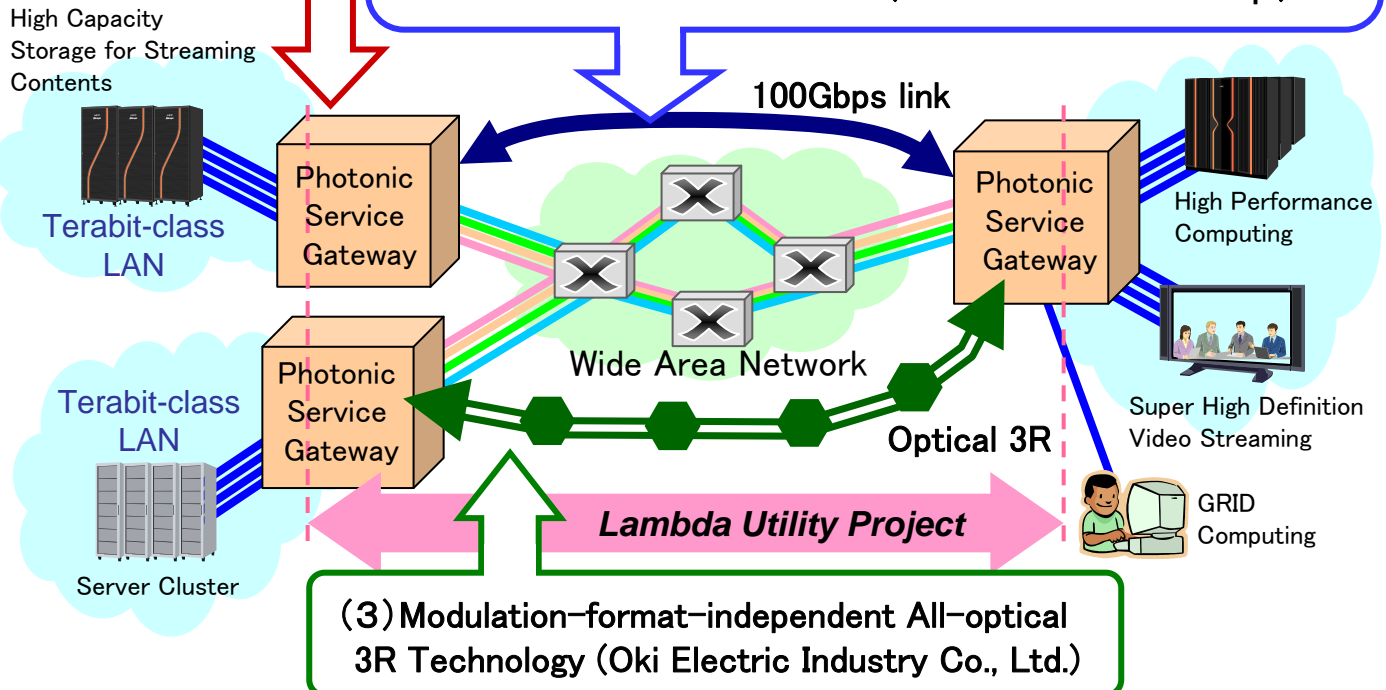
Objective

This project aims at realization of Distributed Virtual Terabit LAN over wide area networks, which enables users to enjoy stress-free access to high bit-rate services, such as super high definition video.

(1) Borderless Optical Path Control and Management Technology (NEC Corp.)

(2) Highly-spectral-efficient Transmission Link Technology

- Multi-level modulation and demodulation technology at 100Gbps and beyond (Osaka Univ. and Fujitsu Ltd.)
- High-coding-gain forward error correction code for multi-level modulation format (Mitsubishi Electric Corp.)



Companies research & University

NEC Corp.

Osaka Univ.

Fujitsu Ltd.

Mitsubishi Electric Corp.

Oki Electric Industry Co., Ltd.