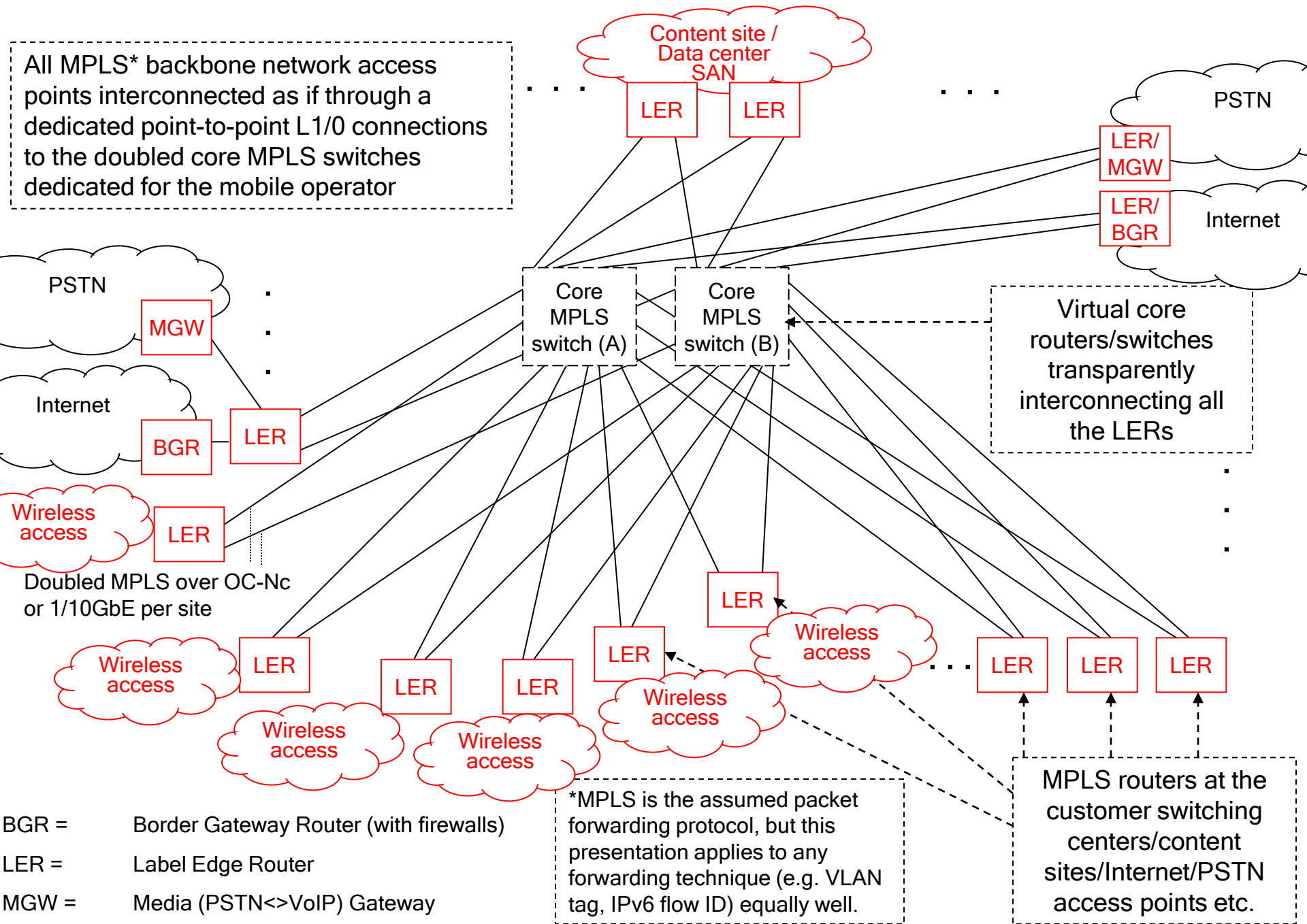




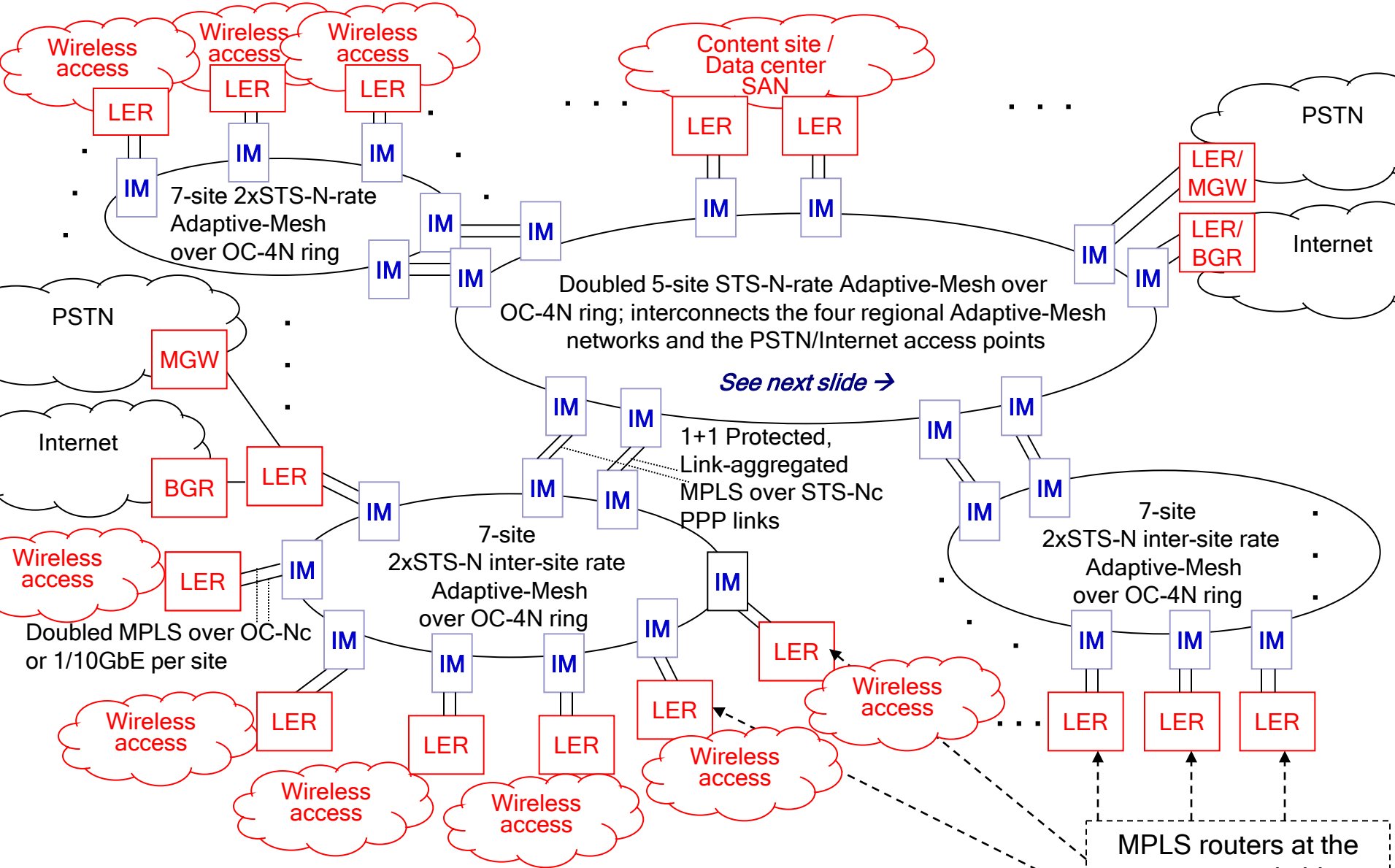
Adaptive-Mesh for Mobile Core Networks

**Edge-controlled multi-service core network
by Optimum Communications Services, Inc.**

Context - Connectivity Requirements for Core Network



Implementation (example) of Connectivity Requirements Using *OCS' ITN Adaptive-Mesh*

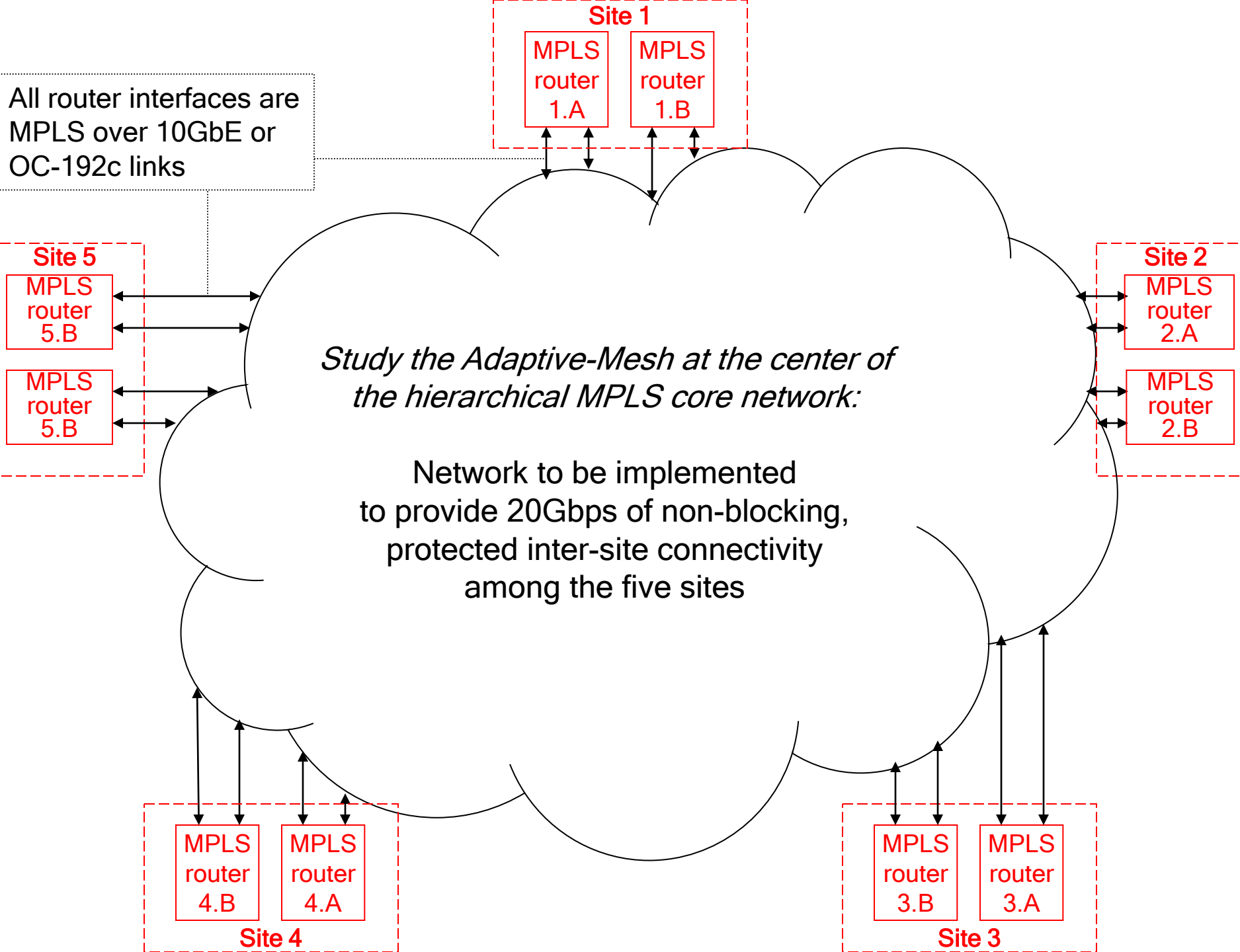


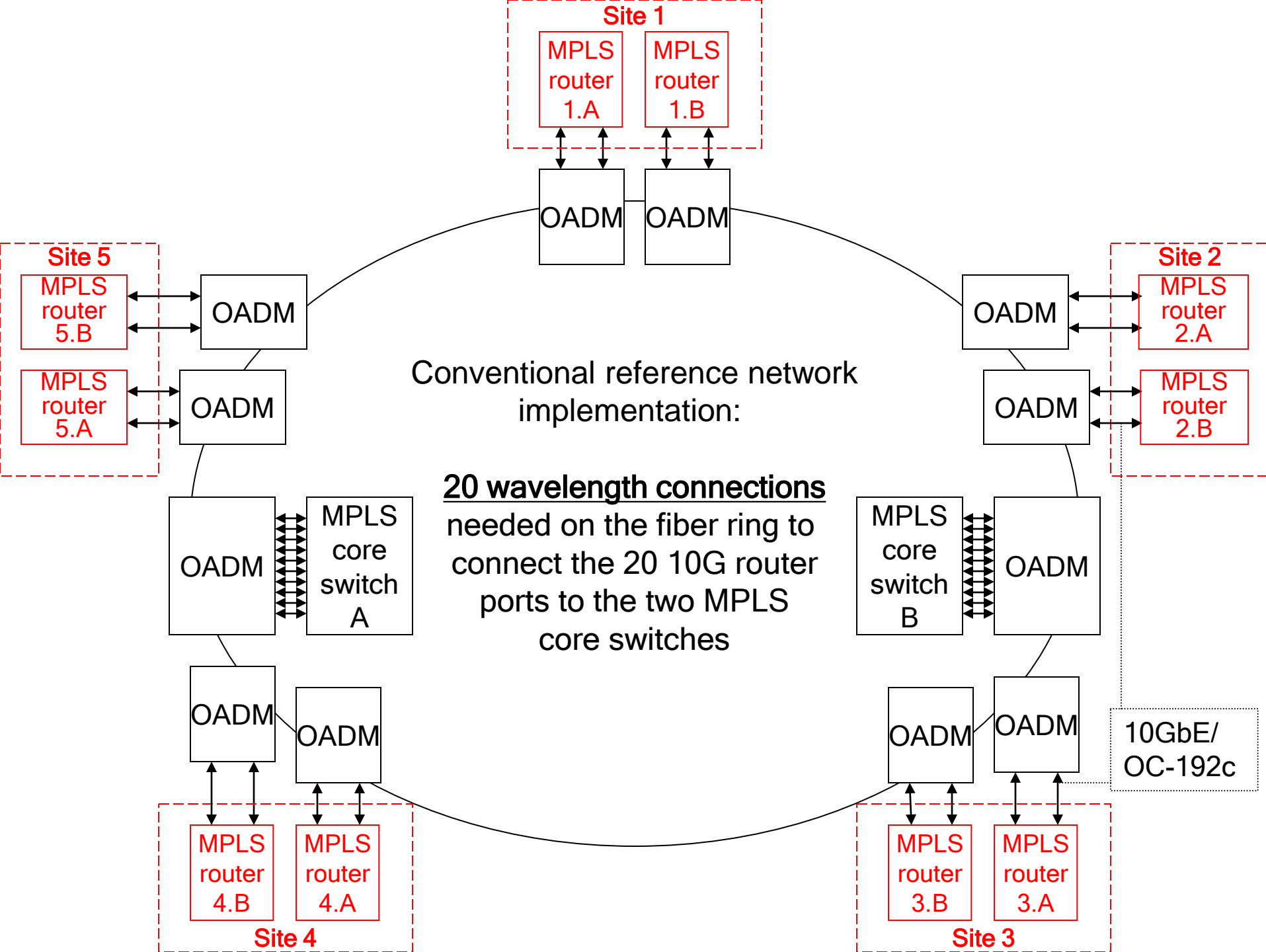
BGR = Border Gateway Router (with firewalls)
 LER = Label Edge Router
 MGW = Media (PSTN<->VoIP) Gateway

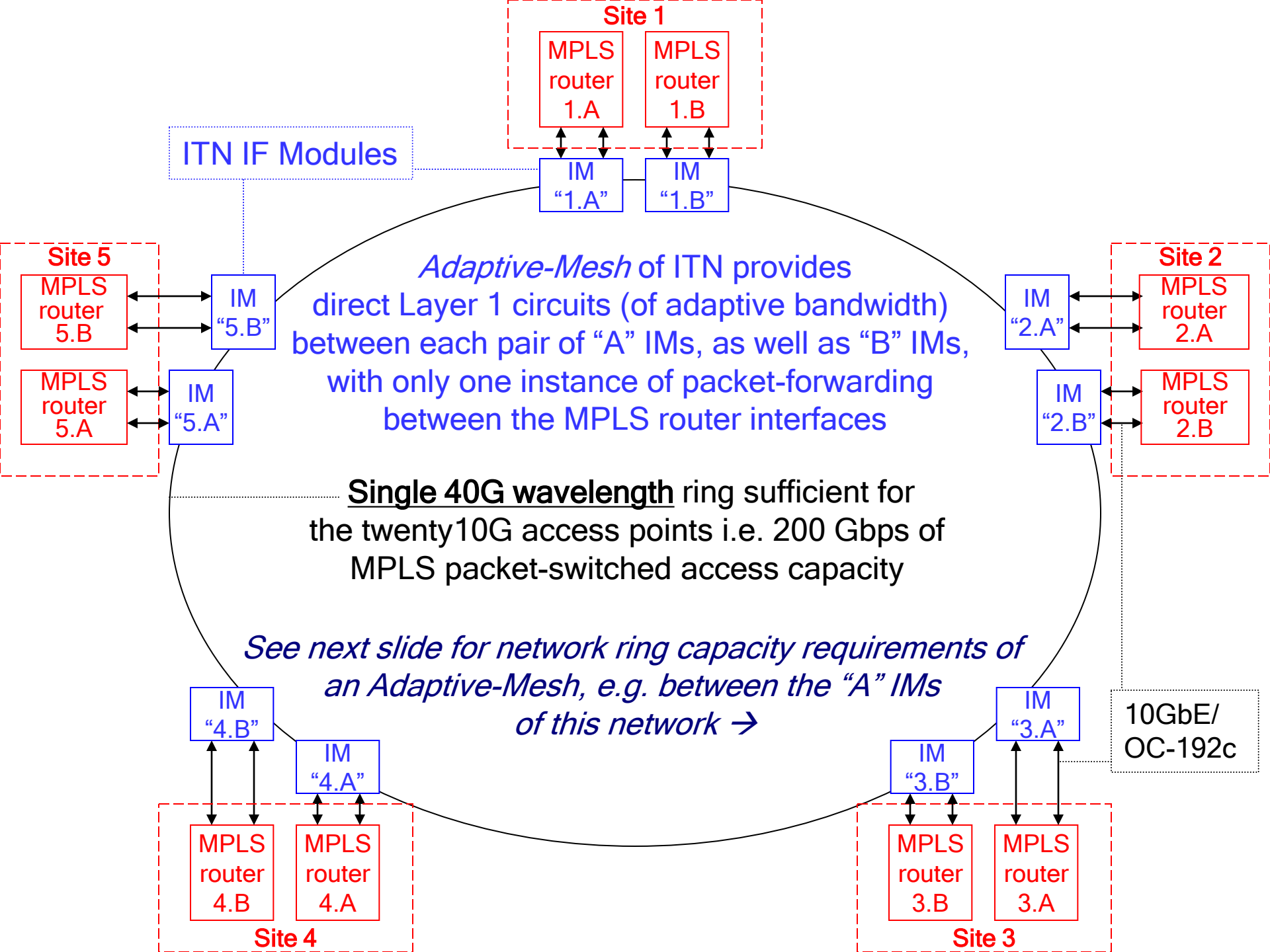
IM = OCS' Intelligent Transport Network™ IF module

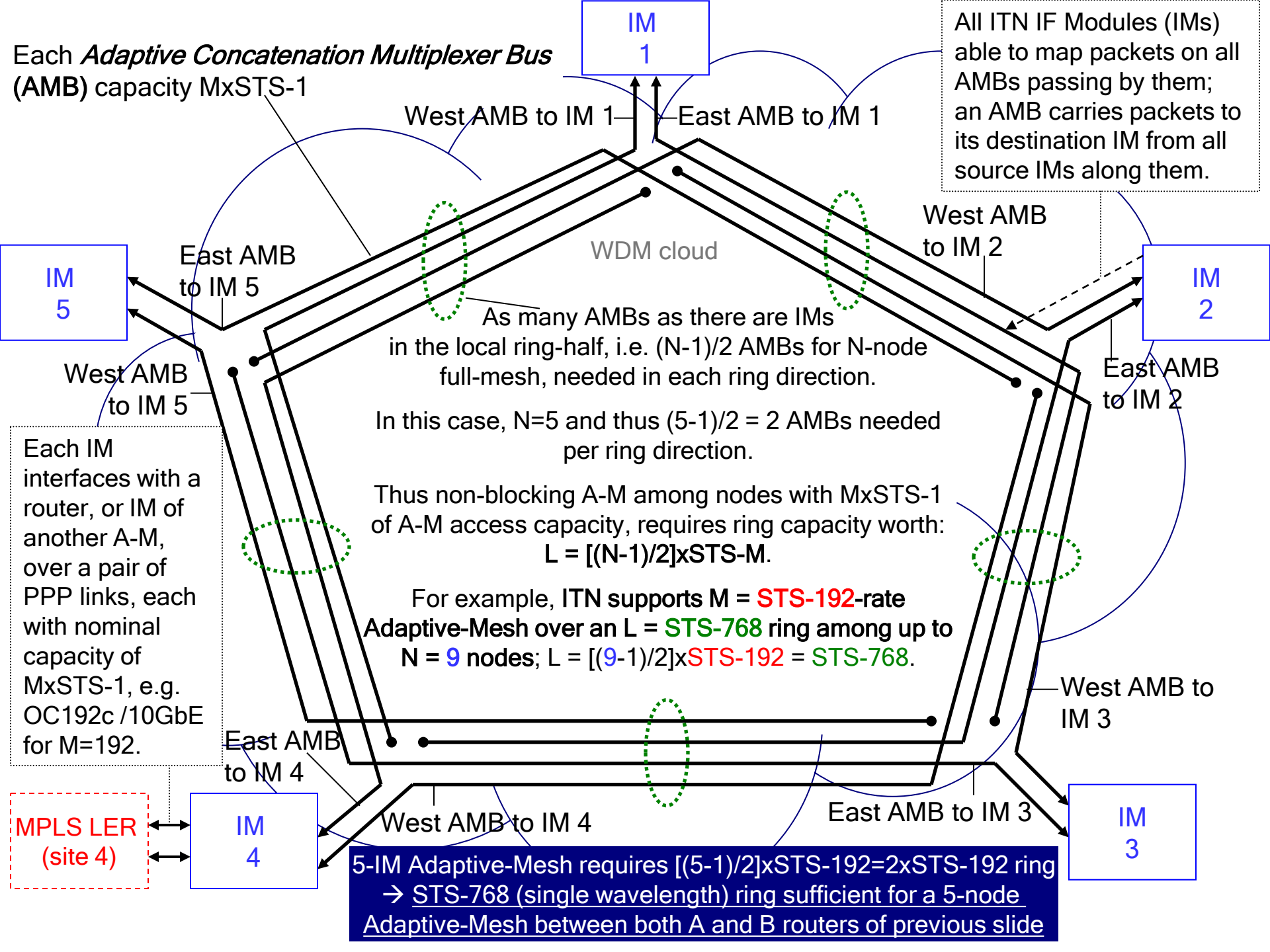
MPLS routers at the customer switching centers/content sites/Internet/PSTN access points etc.

All router interfaces are MPLS over 10GbE or OC-192c links









Adaptive-Mesh for Mobile Core

Summary:

- 1) Customer controllable, transparent packet-switched network service
- 2) Up to 20X architectural network cost-efficiency gain
- 3) Efficient multi-service integration

OCS' Adaptive-Mesh Service:

Customer's private packet-switching backbone -- just without the need for the customer to spend capital on deploying or operating their backbone network





We look forward to working with you!

Optimum Communications Services, Inc.

www.ocsipholding.com