

# OIF and ITU-T Collaboration

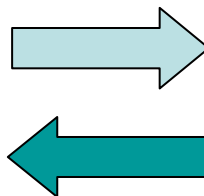


- Promotes the global development of optical internetworking products
- Recognized by ITU-T



- Study Group 15 is the focal point for studies on optical and other transport networks, systems and equipment.

- Carrier Requirements
- Interoperability Experience
- Protocol Specifications in OIF UNI and ENNI
- Adoption of ITU-T Recs.

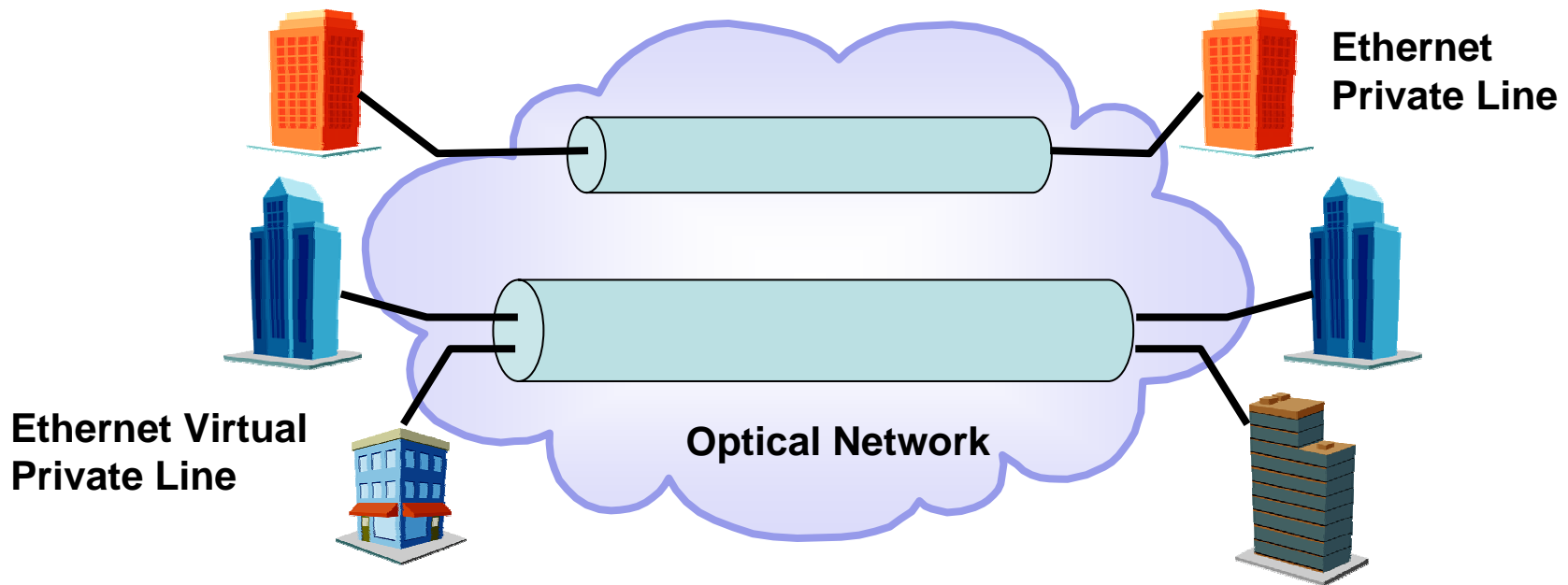


- Ethernet architecture and services Recommendations
- ASON Recommendations for Optical Signalling and Routing
- Transport Recommendations for GFP, LCAS, VCat

Synergy benefits carriers, vendors and users

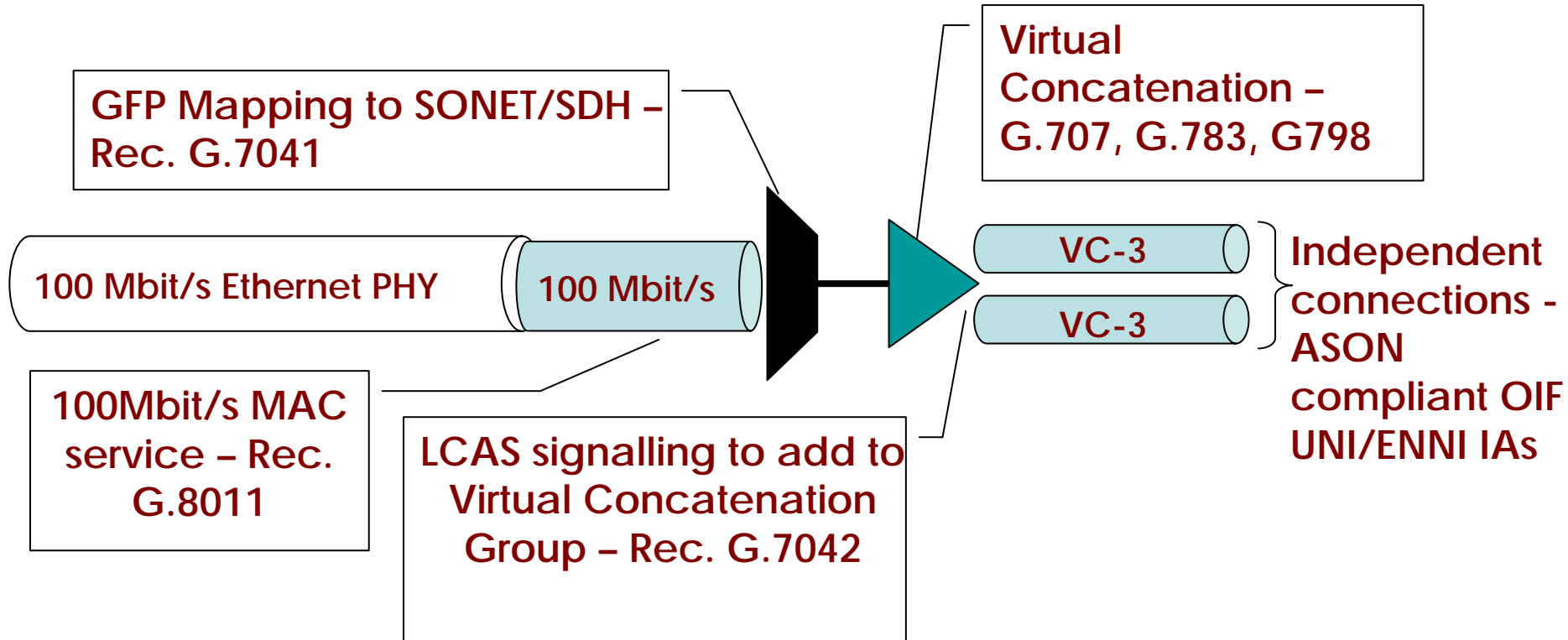
# Ethernet Services and Architecture

- Ethernet Architecture (G.8010), Ethernet Services (G.8011, G.8011.1, G.8011.2) and Ethernet Interfaces (G.8012)
- OIF World Interoperability Demo shows global Ethernet services with automated connection setup using ASON.



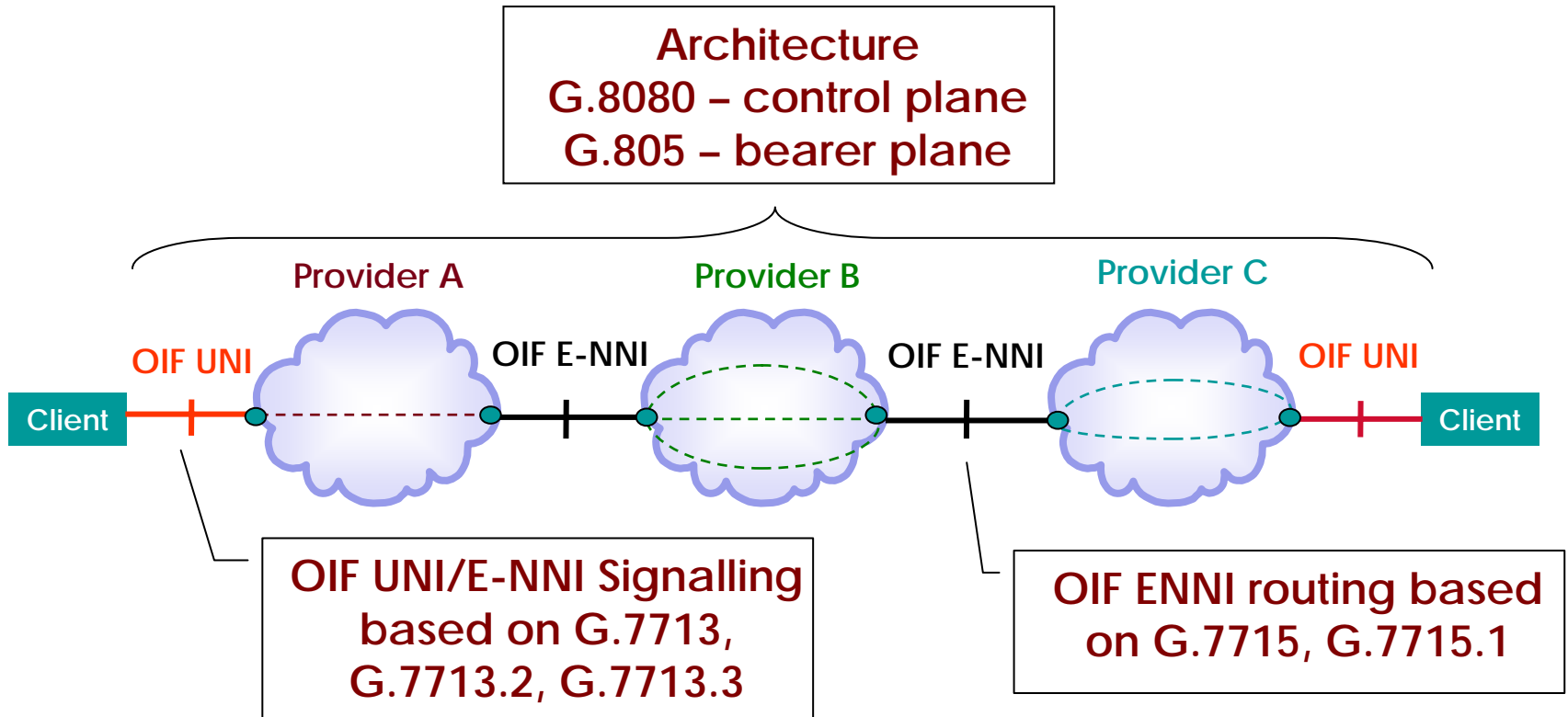
# VCat + LCAS + GFP

- ITU-T Standards enable Ethernet service over optical network.
- OIF World Interoperability Demo shows global Ethernet adaptation service.



# Automatically Switched Optical Network

- Dynamic signalling and routing control over OTN/SONET/SDH network.
- Dynamic signalling for Ethernet services using ASON Interlayer architecture



“Standards for Better Telecommunications”

The ITU-T congratulates  
the OIF on its  
2<sup>nd</sup> Worldwide  
Interoperability Demo

Visit the ITU-T's Fiber to the Premises showcase at booth #76088

