



SUCCESS STORY

Transport Software Defined Networking

GAPS IDENTIFIED IN TRANSPORT SDN CONCEPTS & PRACTICES

In 2013, with the industry migrating toward software defined networking (SDN) and network function virtualization (NFV), OIF identified gaps in the application of SDN concepts and practices for transport infrastructure and service delivery.

TESTING INTEROPERABILITY WITH GLOBAL NETWORK OPERATORS

Initial testing in 2014 focused on the south-bound interface (SBI) but uncovered gaps in the north-bound interface (NBI). Continued multivendor testing with global network operators in 2016 and 2018 led to development of a stable, full-featured T-API 2.0 NBI.

MOVING TOWARD MASS COMMERCIALIZATION OF TRANSPORT SDN

The “Requirements for Integrated Packet Optical SDN” project provides a broader solution overview and context to the deep technical work of APIs and interface specifications like T-API. The certification program helps accelerate T-API and transport SDN adoption.

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