



Full ONU Management & Control Interface Tests Positive

Torino, Italy - 4 April 2008

Full Service Access Network group (FSAN) and ETSI highlight results from latest GPON Interoperability event

ETSI is pleased to announce the successful completion of the sixth FSAN-sponsored GPON interoperability test event held 31 March - 4 April in Torino, Italy, organized by ETSI and Telecom Italia with the support of France Telecom.

The main goal of this ETSI Plugtests™ event was to demonstrate the interoperability of GPON equipment at the service layer in a full OMCI (ONT Management & Control Interface) context. Detailed test cases were carried out to verify the provisioning of services in a multi-vendor environment.

The test results demonstrated that several data service models can be successfully provisioned using OMCI. There were a total of 56 pairings during the event with each pairing consisting of 10 test cases covering different VLAN configurations.

The ITU G.984 GPON (Gigabit-capable Passive Optical Network) standard enables line rates of 2.5 Gbps in the downstream direction (central office to customer) and 1.2 Gbps in the upstream direction (customer to central office). This allows network operators to efficiently handle bandwidth requirements for services like HD IPTV, online-gaming, Ethernet services, VoIP and TDM over fibre.

The event was hosted by Telecom Italia Lab - Wireline Access Infrastructure Innovation department which provided technical support, testing infrastructure and facilities for the event. 14 GPON equipment and integrated circuit device vendors were involved including; Alcatel-Lucent, BroadLight, Cambridge Industries, Comtrend, ECI, Ericsson, Freescale, Huawei, Ikanos, NEC Corporations, Nokia-Siemens Networks, PMC-Sierra, TXP Corporation and ZTE.

Paolo Solina (Telecom Italia) and Regis Coat (France Telecom), Co-Chairs of FSAN Interoperability Task Group said:

'The Torino event showed further progress towards full OMCI interoperability across a wide number of GPON system and chipset vendors. This is encouraging for FSAN, who recently created an ad-hoc study group with the goal to achieve plug and play OMCI interoperability'.

Anthony Wiles, Director - ETSI Centre for Testing and Interoperability and responsible for ETSI Plugtest™ Events said:

'The support from Telecom Italia, France Telecom and the high level of engagement from participants was crucial to getting these results. This is the second GPON Plugtest that we have organized and the technical feedback this time around was even better. ETSI is already looking to the future for further initiatives in this area'

Notes for Editors

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About FSAN

The Full Service Access Network (FSAN) Group is an interest group for the world's leading telecommunications services providers, independent test labs, and equipment suppliers to work towards a common goal of truly broadband fiber access networks.

For more information: <http://www.fsanweb.org/>

About ETSI Plugtests

ETSI Plugtests™ are a series of interoperability events aimed at validating and improving the technical quality of ETSI standards and other specifications.

For more information: <http://www.etsi.org/plugtests/>

About ETSI

ETSI produces globally-applicable standards for Information and Communications Technologies (ICT), including fixed, mobile, radio, converged, broadcast and internet

technologies and is officially recognized by the European Commission as a European Standards Organization. ETSI is a not-for-profit organization whose 700 ETSI member organizations benefit from direct participation and are drawn from 62 countries across 5 continents worldwide.

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