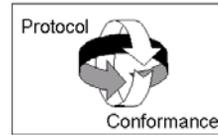


TELECOM CONFORMANCE TESTING / RELIABILITY

Verification of optical and electrical interface parameters

Do you need to verify the suitability of your equipment for connection to public networks?

Conformance tests for terminal equipment with digital interfaces using diverse bit rates on transmission paths

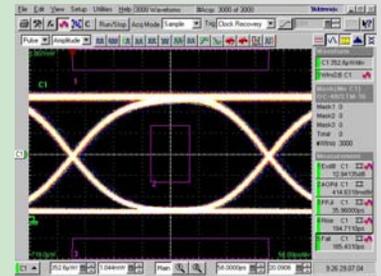


We recommend layer-1 tests in accordance with relevant ITU-T, IEEE, ISO/IEC or ANSI standards (jitter, return loss, pulse shape, receiver sensitivity...) for access to the public network. Our test laboratories offer all the necessary test facilities and the expertise to perform every test in this area.

We provide test documentation in accordance with the terms of DIN EN IEC 17025.

We are accredited as a neutral test laboratory and have the facilities to conduct conformance tests for digital transmission interfaces in accordance with the following specifications:

E1 to E4	ITU-T G.703, G.823
STM1 (electrical)	ITU-T G.703, G.825
STM1 to STM64 (optical)	ITU-T G.957, G. 825
DS1 to DS3	GR-499-CORE, ITU-T G.703, G.824
Ethernet 10/100Base-T	IEEE 802.3i, u, ANSI X3.263:1995
Ethernet 10/100Base-FX	IEEE 802.3u, ISO/IEC 9314-3
Ethernet 1000Base-FX/T	IEEE 802.3z, ab



We manage conformance tests from start to finish so you do not need to tackle the test specifications on your own.

Our services are provided on the premises of the independent Center for Quality Engineering in compliance with strictly objective criteria. The neutrality and independence of the institute have been recognized by the Deutscher Akkreditierungs-Rat (DAR) [German Accreditation Council] and are principally guaranteed by our company management.

We are continually extending our portfolio

We are continually extending our portfolio and can already conduct performance tests on the DSL- interface (e. g. UR-2) to verify the interoperability between the subscriber's CPE and the DSLAM on the exchange side.



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