



ATIS STANDARD

ATIS-100064/2003(S2020)

**Network and Customer Installation Interfaces –
Broadband ISDN: Common Criteria**

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ATIS-1000646.2003(S2020), *Network and Customer Installation Interfaces – Broadband ISDN: Common Criteria*

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ATIS-1000646.2003(S2020)

(Formerly T1.646-2003, Revision of T1.646-1995)

American National Standard for Telecommunications

**Network and Customer Installation Interfaces --
Broadband ISDN: Common Criteria**

Secretariat

Alliance for Telecommunications Industry Solutions

Approved January 16, 2003

American National Standards Institute, Inc.

Abstract

This standard is a revision of the common criteria for broadband ISDN in T1.646-1995 and replaces the relevant clauses of that standard in their entirety. This standard provides NI compatibility information and is not meant to be an equipment specification. Information and requirements specific to particular transmission technologies has been removed to standards associated with those technologies.

Foreword

The information contained in this Foreword is not part of this American National Standard (ANS) and has not been processed in accordance with ANSI's requirements for an ANS. As such, this Foreword may contain material that has not been subjected to public review or a consensus process. In addition, it does not contain requirements necessary for conformance to the standard.

This standard is one of a series of telecommunication network and customer installation interface standards developed by Technical Subcommittee T1E1 of Accredited Standards Committee T1, Telecommunications. It covers common criteria for broadband ISDN (B-ISDN) network and customer installation interfaces. Committee T1 standards serve the public interest through promoting understanding between carriers, end customers, and manufacturers.

This standard will be useful to those engaged in the provisioning or operation of telecommunications equipment or services that share a boundary at the Network Interface (NI). It establishes requirements for interfacing and connecting with telecommunication carrier networks. Compliance should provide compatibility in most installations. Conformance with the standard does not guarantee interface compatibility or acceptable performance under all possible operating conditions. Where both a mandatory requirement and a recommendation are specified for the same criterion, the recommendation represents a goal currently identified as having distinct compatibility or performance advantages.

There is one annex in this standard. It is informative and is not considered to be part of this standard.

This standard is a revision of the B-ISDN common criteria in T1.646-1995 and replaces the relevant clauses of that standard in their entirety. This standard provides N compatibility information and is not meant to be an equipment specification.

Suggestions for the improvement of this standard are welcome. They may be addressed to the Alliance for Telecommunications Industry Solutions 1200 Connecticut Avenue, NW, Suite 500, Washington, DC 20005.

The standard was processed and approved for submittal to ANSI by Accredited Standards Committee T1 on Telecommunications. Committee approval of the standard does not necessarily imply that all committee members voted for its approval. At the time it approved this standard, Accredited Standards Committee T1 had the following members:

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