

INTERNATIONAL
STANDARD

ISO/IEC
14766

First edition
1997-04-01

**Information technology —
Telecommunications and information
exchange between systems — Use of OSI
applications over the Internet Transmission
Control Protocol (TCP)**

*Technologies de l'information — Télécommunications et échange
d'information entre systèmes — Emploi d'applications OSI sur protocole
de commande de transmission entre réseaux (TCP)*



Reference number
ISO/IEC 14766:1997(E)

Foreword

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In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

International Standard ISO/IEC 14766 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 6, *Telecommunications and information exchange between systems*.

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Printed in Switzerland

Information technology – Telecommunications and information exchange between systems – Use of OSI applications over the Internet Transmission Control Protocol (TCP)

1 Scope

This International Standard defines a mechanism which allows OSI upper layers (all session, presentation, and application entities) to operate over the Internet Transmission Control Protocol (TCP) without being aware that they are running on a TCP/IP internetwork.

It provides similar functionality to ISO/IEC Transport Protocol Class 4.

It does not provide a gateway facility between Internet and OSI applications.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

2.1 International Standards

ISO/IEC 8072:1996, *Information technology - Open Systems Interconnection - Transport service definition*.

2.2 Other references

All references in this subclause were correct at the time of approval of this International Standard. The provisions of the referenced specifications, as indicated in this subclause, are valid within the context of this International Standard. The reference to a specification within this International Standard does not give it any further status within ISO/IEC; in particular, it does not give the referenced specification the status of an International Standard.

RFC 1006 *ISO Transport Service on top of the TCP, Request for Comments 1006, May 1987, Internet Standard 35.*