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# INTERNATIONAL STANDARD

# ISO/IEC 14754

First edition  
1999-06-01

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## Information technology — Pen-Based Interfaces — Common gestures for Text Editing with Pen-Based Systems

*Technologies de l'information — Interfaces basées sur une plume —  
Mouvements courants en édition de texte avec les systèmes basés sur  
une plume*



Reference number  
ISO/IEC 14754:1999(E)

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 Printed in Switzerland

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## Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

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 14754 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 35, *User interfaces*.

## Introduction

Many systems using pen input mode have been produced. These systems recognize gestures as commands, unfortunately these gestures vary from one system to another. In particular, the gestures conventionally used to make changes to the layout and content of text differ across systems.

This International Standard specifies a set of basic gestures which will enable the user to operate a system regardless of its country of origin or specific manufacturer. The advantage of these gestures lies in the fact that the indication of a location and the indication of an action to be performed on the object at that location can both be carried out simultaneously. The gestures chosen to indicate such functions are the most commonly used. These are essentially the kind of gestures covered by this International Standard. This International Standard consists of 8 clauses and covers commands for two types of required functions and also some optional functions.

# Information technology — Pen-Based Interfaces — Common gestures for Text Editing with Pen-Based Systems

## 1 Scope

This International Standard defines the basic gesture commands for text editing with pen-based systems and defines the user actions required to have the system execute these commands. The feedback to the user when a gesture command has been correctly recognized is also defined. This International Standard does not define the user actions necessary for the input of characters.

## 2 Conformance

A system conforms to this International Standard if it conforms to clauses 6, 7 and 8.

## 3 Normative references

There are no International Standards referenced.