

**Implementation of
ISO/IEC 10164-4:1992**

**Information
technology —
Open Systems
Interconnection —
Systems Management:
Alarm reporting
function**

UDC 681.3:691.39

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National foreword

This British Standard reproduces verbatim ISO/IEC 10164-4:1992, including Technical Corrigendum 1, and implements it as the UK national standard.

This British Standard is published under the direction of the Information Systems Technology Standards Policy Committee whose Technical Committee IST/21 has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international committee any enquiries on interpretation, or proposals for change, and keep UK interests informed;
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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the ISO/IEC title page, pages ii to iv, pages 1 to 14 and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

INTERNATIONAL STANDARD

ISO/IEC
10164-4

First edition
1992-12-15

Information technology – Open Systems Interconnection – Systems Management: Alarm reporting function

*Technologies de l'information – Interconnexion de systèmes ouverts –
Gestion-système: Fonction de compte rendu d'alarme*



Reference number
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Descriptors: Data processing, information interchange, network interconnection, open systems interconnection, application layer, systems management, management.

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.

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 10164-4 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, in collaboration with the CCITT. The identical text is published as CCITT Recommendation X.733.

ISO/IEC 10164 consists of the following parts, under the general title *Information technology — Open Systems Interconnection — Systems Management*:

- *Part 1: Object management function;*
- *Part 2: State management function;*
- *Part 3: Attributes for representing relationships;*
- *Part 4: Alarm reporting function;*
- *Part 5: Event report management function;*
- *Part 6: Log control function;*
- *Part 7: Security alarm reporting function;*
- *Part 8: Security audit trail function;*
- *Part 9: Objects and attributes for access control;*
- *Part 10: Accounting meter function;*
- *Part 11: Workload monitoring function;*
- *Part 12: Test management function;*
- *Part 13: Summarization function;*
- *Part 14: Confidence and diagnostic test categories.*

