

INTERNATIONAL
STANDARD

ISO/IEC
10164-10

First edition
1995-12-15

**Information technology — Open Systems
Interconnection — Systems Management:
Usage metering function for accounting
purposes**

*Technologies de l'information — Interconnexion de systèmes ouverts
(OSI) — Gestion-systèmes: Fonction de compteur d'usage à des fins
de calcul*



Reference number
ISO/IEC 10164-10:1995(E)

Contents

Page

1	Scope	1
2	Normative references	2
2.1	Identical Recommendations International Standards	2
2.2	Paired Recommendations International Standards equivalent in technical content	2
3	Definitions	3
3.1	Basic reference model definitions	3
3.2	Management framework definitions	3
3.3	Systems management overview definitions	3
3.4	Common management information definitions	3
3.5	Management information model definitions	3
3.6	Log control function definitions	4
3.7	Definitions specific to this standard	4
4	Abbreviations	4
5	Conventions	5
6	Requirements for usage metering	5
7	Model for usage metering and usage logs	6
7.1	Model for accounting	6
7.2	Model for usage metering	7
7.2.1	Usage metering control	7
7.2.2	Usage metering data	8
7.2.3	Relationships between accountable objects, usage metering control and usage metering data objects	8
7.2.4	Operation of usage meters	8
7.3	Model for usage metering records	10
7.4	Specialization of usage data	10
8	Generic definitions	11
8.1	Usage metering control	12
8.1.1	Generic usage metering control functionality	12
8.1.2	Metering control object package	12
8.1.3	Metering control capabilities package	12
8.1.4	Packages for usage metering actions	13
8.1.5	Packages for usage metering notifications	13
8.2	Usage metering data	14
8.2.1	Generic usage metering data functionality	14
8.2.2	Metering data object package	14
8.2.3	Metering data info package	14
8.2.4	Conditional packages	17
8.2.5	Usage metering data report notifications	17
8.3	Usage metering records	18
8.4	Parameter definitions	18
8.4.1	Denied metering action	18
8.5	Compliance	18

© ISO/IEC 1995

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

ISO/IEC Copyright Office • Case postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland