



INTERNATIONAL TELECOMMUNICATION UNION

**ITU-T**

TELECOMMUNICATION  
STANDARDIZATION SECTOR  
OF ITU

**X.750**

**Corrigendum 1**  
(02/2000)

SERIES X: DATA NETWORKS AND OPEN SYSTEM  
COMMUNICATIONS

OSI management – Management functions and ODMA  
functions

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Information technology – Open Systems  
Interconnection – Systems management:  
Management knowledge management function  
**Technical Corrigendum 1**

ITU-T Recommendation X.750 – Corrigendum 1

(Formerly CCITT Recommendation)

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ITU-T X-SERIES RECOMMENDATIONS  
DATA NETWORKS AND OPEN SYSTEM COMMUNICATIONS

PUBLIC DATA NETWORKS	
Services and facilities	X.1–X.19
Interfaces	X.20–X.49
Transmission, signalling and switching	X.50–X.89
Network aspects	X.90–X.149
Maintenance	X.150–X.179
Administrative arrangements	X.180–X.199
OPEN SYSTEMS INTERCONNECTION	
Model and notation	X.200–X.209
Service definitions	X.210–X.219
Connection-mode protocol specifications	X.220–X.229
Connectionless-mode protocol specifications	X.230–X.239
PICS proformas	X.240–X.259
Protocol Identification	X.260–X.269
Security Protocols	X.270–X.279
Layer Managed Objects	X.280–X.289
Conformance testing	X.290–X.299
INTERWORKING BETWEEN NETWORKS	
General	X.300–X.349
Satellite data transmission systems	X.350–X.369
IP-based networks	X.370–X.399
MESSAGE HANDLING SYSTEMS	X.400–X.499
DIRECTORY	X.500–X.599
OSI NETWORKING AND SYSTEM ASPECTS	
Networking	X.600–X.629
Efficiency	X.630–X.639
Quality of service	X.640–X.649
Naming, Addressing and Registration	X.650–X.679
Abstract Syntax Notation One (ASN.1)	X.680–X.699
OSI MANAGEMENT	
Systems Management framework and architecture	X.700–X.709
Management Communication Service and Protocol	X.710–X.719
Structure of Management Information	X.720–X.729
<b>Management functions and ODMA functions</b>	<b>X.730–X.799</b>
SECURITY	X.800–X.849
OSI APPLICATIONS	
Commitment, Concurrency and Recovery	X.850–X.859
Transaction processing	X.860–X.879
Remote operations	X.880–X.899
OPEN DISTRIBUTED PROCESSING	X.900–X.999

*For further details, please refer to the list of ITU-T Recommendations.*

**INTERNATIONAL STANDARD 10164-16  
ITU-T RECOMMENDATION X.750**

**INFORMATION TECHNOLOGY – OPEN SYSTEMS INTERCONNECTION –  
SYSTEMS MANAGEMENT: MANAGEMENT KNOWLEDGE  
MANAGEMENT FUNCTION**

**TECHNICAL CORRIGENDUM 1**

**Summary**

This Recommendation | International Standard (1996) defines the Management Knowledge Management Function. The Management knowledge management function is a Systems Management function which may be used by an application process in a centralized or decentralized management environment to interact for the purpose of system management.

This Technical Corrigendum 2 revises the text to include ASN.1:1997 in 2.1 and 2.2.

**Source**

Corrigendum 1 to ITU-T Recommendation X.750 was prepared by ITU-T Study Group 4 (1997-2000) and approved on 4 February 2000. An identical text is also published as Technical Corrigendum 1 to ISO/IEC 10164-16.

## FOREWORD

The International Telecommunication Union (ITU) is the United Nations specialized agency in the field of telecommunications. The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of ITU. ITU-T is responsible for studying technical, operating and tariff questions and issuing Recommendations on them with a view to standardizing telecommunications on a worldwide basis.

The World Telecommunication Standardization Conference (WTSC), which meets every four years, establishes the topics for study by the ITU-T study groups which, in turn, produce Recommendations on these topics.

The approval of ITU-T Recommendations is covered by the procedure laid down in WTSC Resolution 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

## NOTE

In this Recommendation, the expression "Administration" is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

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As of the date of approval of this Recommendation, ITU had not received notice of intellectual property, protected by patents, which may be required to implement this Recommendation. However, implementors are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database.

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## CONTENTS

	<i>Page</i>
1) Subclause 2.1 .....	1
2) Subclause 2.2 .....	1
3) Subclause 13.1 .....	1
4) Subclause A.2.4 .....	1

## INTERNATIONAL STANDARD

## ITU-T RECOMMENDATION

**INFORMATION TECHNOLOGY – OPEN SYSTEMS INTERCONNECTION –  
SYSTEMS MANAGEMENT: MANAGEMENT KNOWLEDGE  
MANAGEMENT FUNCTION**

**TECHNICAL CORRIGENDUM 1**

**1) Subclause 2.1**

*Insert the following references alphanumerically:*

- ITU-T Recommendation X.710 (1997) | ISO/IEC 9595:1998, *Information technology – Open Systems Interconnection – Common management information service.*
- ITU-T Recommendation X.711 (1997) | ISO/IEC 9596-1:1998, *Information technology – Open Systems Interconnection – Common management information protocol: Specification.*

**2) Subclause 2.2**

*Remove the following paired references:*

- CCITT Recommendation X.208 (1988), *Specification of Abstract Syntax Notation One (ASN.1).*  
ISO/IEC 8824:1990, *Information technology – Open Systems Interconnection – Specification of Abstract Syntax Notation One (ASN.1).*
- CCITT Recommendation X.209 (1988), *Specification of Basic Encoding Rules for Abstract Syntax Notation One (ASN.1).*  
ISO/IEC 8825:1990, *Information technology – Open Systems Interconnection – Specification of Basic Encoding Rules for Abstract Syntax Notation One (ASN.1).*
- CCITT Recommendation X.710 (1991), *Common management information service definition for CCITT applications.*  
ISO/IEC 9595:1991, *Information technology – Open Systems Interconnection – Common management information service definition.*
- CCITT Recommendation X.711 (1991), *Common management information protocol specification for CCITT applications.*  
ISO/IEC 9596-1:1991, *Information technology – Open Systems Interconnection – Common management information protocol – Part 1: Specification.*

**3) Subclause 13.1**

*Replace "CCITT Rec. X.209 | ISO/IEC 8825" with "ITU-T Rec. X.690 | ISO/IEC 8825-1".*

**4) Subclause A.2.4**

**a)** *Remove the following IMPORTS statement:*

**RelativeDistinguishedName**

**FROM InformationFramework {joint-iso-ccitt(2) ds(5) modules(1) informationFramework(1)}**

-- NOTE – This Recommendation | International Standard imports

-- RelativeDistinguishedName from CCITT Rec. X.501 (1988) | ISO/IEC 9594-2:1990.

-- The specification for this syntax can now be found in an informative

-- annex of ITU-T Rec. X.711 (1997) | ISO/IEC 9596-1:1998.

**b)** *In the IMPORTS FROM CMIP-1, insert the following before Scope:*

**"RelativeDistinguishedName,"**

c) *In the IMPORTS FROM Attribute-ASN1Module, insert the following before NameBinding:*

**"DMI-TYPE-IDENTIFIER,"**

d) *Remove "GdmoAttributeId ::= OBJECT IDENTIFIER".*

e) *Replace the production for ImplementedValues with the following ASN.1 production:*

**"MKMF-VALUES ::= DMI-TYPE-IDENTIFIER**

**ImplementedValues ::= SET OF SEQUENCE {**

**attributeId MKMF-VALUES&.id ({ImplementedValuesSet}),**

**defaultValue [1] EXPLICIT MKMF-VALUES.&Value ({ImplementedValuesSet} {@.attributeId}) OPTIONAL,**

**initialValue [2] EXPLICIT MKMF-VALUES.&Value ({ImplementedValuesSet} {@.attributeId}) OPTIONAL,**

**minValue [3] EXPLICIT MKMF-VALUES.&Value ({ImplementedValuesSet} {@.attributeId}) OPTIONAL,**

**maxValue [4] EXPLICIT MKMF-VALUES.&Value ({ImplementedValuesSet} {@.attributeId}) OPTIONAL**

**}**

**ImplementedValuesSet MKMF-VALUES ::= {...}**

**"**

## SERIES OF ITU-T RECOMMENDATIONS

Series A	Organization of the work of ITU-T
Series B	Means of expression: definitions, symbols, classification
Series C	General telecommunication statistics
Series D	General tariff principles
Series E	Overall network operation, telephone service, service operation and human factors
Series F	Non-telephone telecommunication services
Series G	Transmission systems and media, digital systems and networks
Series H	Audiovisual and multimedia systems
Series I	Integrated services digital network
Series J	Transmission of television, sound programme and other multimedia signals
Series K	Protection against interference
Series L	Construction, installation and protection of cables and other elements of outside plant
Series M	TMN and network maintenance: international transmission systems, telephone circuits, telegraphy, facsimile and leased circuits
Series N	Maintenance: international sound programme and television transmission circuits
Series O	Specifications of measuring equipment
Series P	Telephone transmission quality, telephone installations, local line networks
Series Q	Switching and signalling
Series R	Telegraph transmission
Series S	Telegraph services terminal equipment
Series T	Terminals for telematic services
Series U	Telegraph switching
Series V	Data communication over the telephone network
<b>Series X</b>	<b>Data networks and open system communications</b>
Series Y	Global information infrastructure and Internet protocol aspects
Series Z	Languages and general software aspects for telecommunication systems