



INTERNATIONAL TELECOMMUNICATION UNION

# ITU-T

TELECOMMUNICATION  
STANDARDIZATION SECTOR  
OF ITU

# X.740

**Corrigendum 2**  
(10/96)

SERIES X: DATA NETWORKS AND OPEN SYSTEM  
COMMUNICATION

OSI management

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Information technology - Open Systems  
Interconnection - Systems management:  
Security audit trail function

**Technical Corrigendum 2**

ITU-T Recommendation X.740 - Corrigendum 2

(Previously "CCITT Recommendation")

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

## FOREWORD

ITU (International Telecommunication Union) is the United Nations Specialized Agency in the field of telecommunications. The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of the ITU. Some 179 member countries, 84 telecom operating entities, 145 scientific and industrial organizations and 38 international organizations participate in ITU-T which is the body which sets world telecommunications standards (Recommendations).

The approval of Recommendations by the Members of ITU-T is covered by the procedure laid down in WTSC Resolution No. 1 (Helsinki, 1993). In addition, the World Telecommunication Standardization Conference (WTSC), which meets every four years, approves Recommendations submitted to it and establishes the study programme for the following period.

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. The text of ITU-T Recommendation X.740, Corrigendum 2 was approved on 5th of October 1996. The identical text is also published as ISO/IEC International Standard 10164-8.

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## 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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## Summary

Current X.700-Series Recommendations | International Standards mandate the use of CMIP and thus preclude the possibility of using other communications protocols for the transfer of systems management messages between Operations Systems (OS). This constraints industry from adoption of other applicable communications solutions whilst still remaining compliant to OSI Systems Management Functions. This Technical corrigendum makes provision for other communications protocols to be used although it does not specify what these are. It further removes an ambiguity in messages received by an OS thus ensuring the OS, or other system (e.g. a network element) knows explicitly what will be received when a conformance statement uses the term *mandatory* for a part of the message received.

This Technical corrigendum involves changes on this Recommendation | International Standard and other Recommendations | International Standards as follows: CCITT Rec. X.701 | ISO/IEC 10040, CCITT Rec. X.730 | ISO/IEC 10164-1 to CCITT Rec. X.736 | ISO/IEC 10164-7, CCITT Rec. X.740 | ISO/IEC 10164-8 and ITU-T Rec. X.741 | ISO/IEC 10164-9.

A further Technical corrigendum removes an error in ASN.1, which can prevent software systems being built for network applications involving the security audit trail function.



INTERNATIONAL STANDARD

ITU-T RECOMMENDATION

INFORMATION TECHNOLOGY – OPEN SYSTEMS INTERCONNECTION –  
SYSTEMS MANAGEMENT: SECURITY AUDIT TRAIL FUNCTION

TECHNICAL CORRIGENDUM 2

**1) Subclause A.5**

*Apply the following change:*

*Replace “...asn1Module(2) 1}” with “...asn1Module(2) 1};”.*

**2) Annex B**

*In Table B.6 – “PICS Support Summary”, of CCITT Rec. X.740/Cor.1 | ISO/IEC 10164-8/Cor.1, first row referencing “CCITT Rec. X.730 | ISO/IEC 10164-1 Annex E, SM Application Context”, change the status from “m” to “o” and add the following note for the corresponding row of this table:*

“NOTE – The supplier of implementation shall indicate the application contexts supported.”

**3) Subclause B.1.3**

*Add the following sentence after the line “– Not applicable or out of scope” and immediately before “NOTES”:*

“The value of ‘m’ in the Status column for the receiving of parameters, of tables of type MCS in Annex B indicates that there is a minimum requirement for the implementation to be able to receive the parameter, The Additional information column shall be used to state whether the implementation provides support for more than the minimum requirement.”

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