



INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

X.833

(04/95)

**DATA NETWORKS AND OPEN SYSTEM
COMMUNICATIONS
SECURITY**

**INFORMATION TECHNOLOGY –
OPEN SYSTEMS INTERCONNECTION –
GENERIC UPPER LAYERS SECURITY:
PROTECTING TRANSFER SYNTAX
SPECIFICATION**

ITU-T Recommendation X.833

(Previously "CCITT Recommendation")

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.833 was approved on 10th of April 1995. The identical text is also published as ISO/IEC International Standard 11586-4.

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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DATA NETWORKS AND OPEN SYSTEM COMMUNICATIONS

(February 1994)

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Summary

This Recommendation | International Standard belongs to a series of Recommendations which provide a set of facilities to aid the construction of OSI Upper Layer protocols which support the provision of security services. This Recommendation | International Standard defines the protecting transfer syntax, associated with Presentation Layer support for security services in the Application Layer.