



INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

X.1
(03/00)

SERIES X: DATA NETWORKS AND OPEN SYSTEM
COMMUNICATIONS

Public data networks – Services and facilities

**International user classes of service in, and
categories of access to, public data networks
and integrated services digital networks (ISDNs)**

ITU-T Recommendation X.1

(Previously CCITT Recommendation)

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.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
Management functions and ODMA functions	X.730–X.799

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 ITU-T List of Recommendations.

ITU-T RECOMMENDATION X.1

INTERNATIONAL USER CLASSES OF SERVICE IN, AND CATEGORIES OF ACCESS TO, PUBLIC DATA NETWORKS AND INTEGRATED SERVICES DIGITAL NETWORKS (ISDNs)

Summary

This Recommendation describes international user classes of service in, categories of access to, public data networks and Integrated Services Digital Networks (ISDN). Details for leased circuit, circuit-switched, packet-switched, and frame relay data transmission services are provided. This revision includes the access to FRDTS via B-ISDN.

Source

ITU-T Recommendation X.1 was revised by ITU-T Study Group 7 (1997-2000) and was approved under the WTSC Resolution No. 1 procedure on 31 March 2000.