



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

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**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

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## **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.

## FOREWORD

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

The approval of Recommendations by the Members of the ITU-T is covered by the procedure laid down in WTSC Resolution No. 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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