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SERIES I: INTEGRATED SERVICES DIGITAL NETWORK

Overall network aspects and functions – General network
requirements and functions

Network capabilities to support multimedia services: Example of multimedia distribution service class – Switched digital broadcasting (SDB)

ITU-T Recommendation I.375.3

(Formerly CCITT Recommendation)

ITU-T I-SERIES RECOMMENDATIONS
INTEGRATED SERVICES DIGITAL NETWORK

GENERAL STRUCTURE	
Terminology	I.110-I.119
Description of ISDNs	I.120-I.129
General modelling methods	I.130-I.139
Telecommunication network and service attributes	I.140-I.149
General description of asynchronous transfer mode	I.150-I.199
SERVICE CAPABILITIES	
Scope	I.200-I.209
General aspects of services in ISDN	I.210-I.219
Common aspects of services in the ISDN	I.220-I.229
Bearer services supported by an ISDN	I.230-I.239
Teleservices supported by an ISDN	I.240-I.249
Supplementary services in ISDN	I.250-I.299
OVERALL NETWORK ASPECTS AND FUNCTIONS	
Network functional principles	I.310-I.319
Reference models	I.320-I.329
Numbering, addressing and routing	I.330-I.339
Connection types	I.340-I.349
Performance objectives	I.350-I.359
Protocol layer requirements	I.360-I.369
General network requirements and functions	I.370-I.399
ISDN USER-NETWORK INTERFACES	
Application of I-series Recommendations to ISDN user-network interfaces	I.420-I.429
Layer 1 Recommendations	I.430-I.439
Layer 2 Recommendations	I.440-I.449
Layer 3 Recommendations	I.450-I.459
Multiplexing, rate adaption and support of existing interfaces	I.460-I.469
Aspects of ISDN affecting terminal requirements	I.470-I.499
INTERNETWORK INTERFACES	I.500-I.599
MAINTENANCE PRINCIPLES	I.600-I.699
B-ISDN EQUIPMENT ASPECTS	
ATM equipment	I.730-I.739
Transport functions	I.740-I.749
Management of ATM equipment	I.750-I.799

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

ITU-T Recommendation I.375.3**Network capabilities to support multimedia services: Example of multimedia distribution service class – Switched digital broadcasting (SDB)****Summary**

This ITU-T Recommendation specifies the network capabilities required to support the switched digital broadcast service (SDB). The service requires a point-to-multipoint function that can be provided either by the access network topology or by the addition of a specific Replication Unit (RU). Another new functional element, the Broadcast Control Unit (BCU) instructs the RU which programs have to be delivered to a specific end user. This ITU-T Recommendation provides the service architecture and the reference configuration and then specifies the different functional elements and their interfaces.

Source

ITU-T Recommendation I.375.3 was prepared by ITU-T Study Group 13 (1997-2000) and approved under the WTSC Resolution 1 procedure on 10 March 2000.

FOREWORD

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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

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