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INTELLIGENT NETWORK

TELECOMMUNICATION APPLICATIONS FOR SWITCHES AND COMPUTERS (TASC) – GENERAL OVERVIEW

ITU-T Recommendation Q.1300

(Previously "CCITT Recommendation")

FOREWORD

The ITU-T (Telecommunication Standardization Sector) is a permanent organ of the International Telecommunication Union (ITU). The ITU-T is responsible for studying technical, operating and tariff questions and issuing Recommendations on them with a view to standardizing telecommunications on a worldwide basis.

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 (Helsinki, March 1-12, 1993).

ITU-T Recommendation Q.1300 was prepared by ITU-T Study Group 11 (1993-1996) and was approved under the WTSC Resolution No. 1 procedure on the 17th of October 1995.

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

This Recommendation gives an overview to the Q.1300-Series of Recommendations which define Telecommunication Applications for Switches and Computers (TASC). The main purpose of TASC is to allow applications running within the network user's environment to integrate telecommunications services with computing facilities. This would typically allow business applications to use TASC to integrate the computer workstation and telephone at the user's desktop. The overview contained in this Recommendation considers the requirements behind TASC and the key concepts leading to its definition. It also defines the vocabulary which is used by the other Recommendations in the TASC series.

Recommendation Q.1300**TELECOMMUNICATION APPLICATIONS FOR SWITCHES
AND COMPUTERS (TASC) – GENERAL OVERVIEW***(Geneva, 1995)***1 Scope**

This Recommendation provides a general overview of Telecommunication Applications for Switches and Computers (TASC). The basic concepts, vocabulary and architecture upon which TASC is defined are presented.

2 References

The following Recommendations and other references contain provisions which, through reference in this text, constitute provisions of this Recommendation. At the time of publication, the editions indicated were valid. All Recommendations and other references are subject to revision: all users of this Recommendation are therefore encouraged to investigate the possibility of applying the most recent edition of the Recommendations and other references listed below. A list of the currently valid ITU-T Recommendations is regularly published.

- ITU-T Recommendation Q.1301 (1995), *Telecommunication Applications for switches and computers (TASC) – TASC architecture.*
- ITU-T Recommendation Q.1302 (1995), *Telecommunication Applications for switches and computers (TASC) – TASC functional services.*
- ITU-T Recommendation Q.1303 (1995), *Telecommunication Applications for switches and computers (TASC) – TASC management: Architecture, methodology and requirements.*
- CCITT Recommendation X.200 (1988), *Reference model of Open Systems Interconnection for CCITT applications.*
- CCITT Recommendation X.208 (1988), *Specification of Abstract Syntax Notation One (ASN.1).*
- CCITT Recommendation X.209 (1988), *Specification of basic encoding rules for Abstract Syntax Notation One (ASN.1).*
- CCITT Recommendation X.217 (1988), *Association control service definition for Open Systems Interconnection for CCITT applications.*
- CCITT Recommendation X.219 (1988), *Remote operations: Model, notation and service definition.*
- CCITT Recommendation X.227 (1988), *Association control protocol specification for Open Systems Interconnection for CCITT applications.*
- CCITT Recommendation X.229 (1988), *Remote operations: Protocol specification.*
- ISO/IEC 9545:1994, *Information technology – Open Systems Interconnection – Application Layer structure (ALS).*

3 Terms and definitions

The following vocabulary and terms are used:

3.1 TASC

3.1.1 client: A component of an application which invokes a functional service.

3.1.2 data terminal: A device to allow a user to communicate with a computer.