



INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

Q.821.1

(09/2001)

SERIES Q: SWITCHING AND SIGNALLING
Q3 interface

CORBA-based TMN alarm surveillance service

ITU-T Recommendation Q.821.1

ITU-T Q-SERIES RECOMMENDATIONS
SWITCHING AND SIGNALLING

SIGNALLING IN THE INTERNATIONAL MANUAL SERVICE	Q.1–Q.3
INTERNATIONAL AUTOMATIC AND SEMI-AUTOMATIC WORKING	Q.4–Q.59
FUNCTIONS AND INFORMATION FLOWS FOR SERVICES IN THE ISDN	Q.60–Q.99
CLAUSES APPLICABLE TO ITU-T STANDARD SYSTEMS	Q.100–Q.119
SPECIFICATIONS OF SIGNALLING SYSTEMS No. 4 AND No. 5	Q.120–Q.249
SPECIFICATIONS OF SIGNALLING SYSTEM No. 6	Q.250–Q.309
SPECIFICATIONS OF SIGNALLING SYSTEM R1	Q.310–Q.399
SPECIFICATIONS OF SIGNALLING SYSTEM R2	Q.400–Q.499
DIGITAL EXCHANGES	Q.500–Q.599
INTERWORKING OF SIGNALLING SYSTEMS	Q.600–Q.699
SPECIFICATIONS OF SIGNALLING SYSTEM No. 7	Q.700–Q.799
Q3 INTERFACE	Q.800–Q.849
DIGITAL SUBSCRIBER SIGNALLING SYSTEM No. 1	Q.850–Q.999
PUBLIC LAND MOBILE NETWORK	Q.1000–Q.1099
INTERWORKING WITH SATELLITE MOBILE SYSTEMS	Q.1100–Q.1199
INTELLIGENT NETWORK	Q.1200–Q.1699
SIGNALLING REQUIREMENTS AND PROTOCOLS FOR IMT-2000	Q.1700–Q.1799
SPECIFICATIONS OF SIGNALLING RELATED TO BEARER INDEPENDENT CALL CONTROL (BICC)	Q.1900–Q.1999
BROADBAND ISDN	Q.2000–Q.2999

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

ITU-T Recommendation Q.821.1

CORBA-based TMN alarm surveillance service

Summary

This Recommendation is part of a series of Recommendations that specify the CORBA interface requirements for communication between an Operations System (OS) and a Network Element (NE), between an OS and a Mediation Device (MD), between an OS and a Q Adapter (QA), and between OSs in a Telecommunication Management Network (TMN). This Recommendation provides a Stage 2 and Stage 3 Description for Alarm Surveillance to support the associated TMN management service component described in ITU-T Rec. M.3400.

In this Recommendation, both fine-grained and coarse-grained (i.e. facade) interfaces are defined for the alarm management functions. The fine-grained and facade interfaces provide the same support for alarm management. Both can be used with fine-grained and coarse-grained managed objects (e.g. those defined in ITU-T Rec. M.3120).

The primary purpose of this Recommendation is to provide a set of application messages and associated support objects for the support of communication across CORBA interfaces. Because of the desirability of providing common TMN solutions, these messages and support objects are expected to be applicable to other TMN or TMN-related interfaces.

Source

ITU-T Recommendation Q.821.1 was prepared by ITU-T Study Group 4 (2001-2004) and approved under the WTSA Resolution 1 procedure on 29 September 2001.