



INTERNATIONAL STANDARD ISO/IEC 10164-14:1996
TECHNICAL CORRIGENDUM 2

Published 2002-04-15

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION
INTERNATIONAL ELECTROTECHNICAL COMMISSION • МЕЖДУНАРОДНАЯ ЭЛЕКТРОТЕХНИЧЕСКАЯ КОМИССИЯ • COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

**Information technology — Open Systems Interconnection —
Systems Management: Confidence and diagnostic test categories**

TECHNICAL CORRIGENDUM 2

Technologies de l'information — Interconnexion de systèmes ouverts (OSI) — Gestion-systèmes: Catégories de tests de confiance et de diagnostic

RECTIFICATIF TECHNIQUE 2

Technical Corrigendum 2 to International Standard ISO/IEC 10164-14:1996 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*.

INTERNATIONAL STANDARD

ITU-T RECOMMENDATION

INFORMATION TECHNOLOGY – OPEN SYSTEMS INTERCONNECTION –
SYSTEMS MANAGEMENT: CONFIDENCE AND DIAGNOSTIC
TEST CATEGORIES

TECHNICAL CORRIGENDUM 2

1) Subclause 2.1

Insert the following references alphanumerically:

- ITU-T Recommendation X.680 (1997) | ISO/IEC 8824-1:1998, *Information technology – Abstract Syntax Notation One (ASN.1): Specification of basic notation.*
- ITU-T Recommendation X.681 (1997) | ISO/IEC 8824-2:1998, *Information technology – Abstract Syntax Notation One (ASN.1): Information object specification.*
- ITU-T Recommendation X.682 (1997) | ISO/IEC 8824-3:1998, *Information technology – Abstract Syntax Notation One (ASN.1): Constraint specification.*
- ITU-T Recommendation X.690 (1997) | ISO/IEC 8825-1:1998, *Information technology – ASN.1 encoding rules: Specification of Basic Encoding Rules (BER), Canonical Encoding Rules (CER) and Distinguished Encoding Rules (DER).*
- ITU-T Recommendation X.710 (1997) | ISO/IEC 9595:1998, *Information technology – Open Systems Interconnection – Common management information service.*

2) Subclause 2.2

Remove the following paired references:

- CCITT Recommendation X.208 (1988), *Specification of Abstract Syntax Notation One (ASN.1).*
ISO/IEC 8824:1990, *Information technology – Open Systems Interconnection – Specification of Abstract Syntax Notation One (ASN.1).*
- CCITT Recommendation X.710 (1991), *Common management information service definition for CCITT applications.*
ISO/IEC 9595:1991, *Information technology – Open Systems Interconnection – Common management information service definition.*

3) Subclause 13.1

Replace CCITT Rec. X.209 | ISO/IEC 8825 with ITU-T Rec. X.690 | ISO/IEC 8825-1.

4) **Subclause A.7**

a) *In the IMPORTS FROM CMIP-1, insert the following before AttributeId:*

"CMIP-ATTRIBUTE, AttributeSet,"

b) *In the IMPORTS FROM Attribute-ASN1Module, insert the following before ManagementExtension:*

"DMI-TYPE-IDENTIFIER,"

c) *In DataCategory, replace:*

"packets (3)
--...}"

with:

"packets (3),
... }"

d) *In IntegerDataType, replace:*

"pn20 (5)
--...}"

with:

"pn20 (5),
... }"

e) *Replace the production for InternalResourceTestResults with the following ASN.1 production:*

"CDTC-TEST-RESULTS ::= DMI-TYPE-IDENTIFIER

```
InternalResourceTestResults ::= SEQUENCE {
    functionTested    CDTC-TEST-RESULTS.&id ({InternalResourceSet}),
    testResult        CDTC-TEST-RESULTS.&Value ({InternalResourceSet} {@.functionTested}) }

```

InternalResourceSet CDTC-TEST-RESULTS ::= {...}

"

f) *Replace the production for Parameter with the following ASN.1 production:*

```
"Parameter ::= SEQUENCE {
    attributeType    CMIP-ATTRIBUTE.&id ({AttributeSet}),
    value            CMIP-ATTRIBUTE.&Value ({AttributeSet} {@.attributeType}) }
"

```

g) *Replace the production for SequenceOfEvents with the following ASN.1 production:*

"CDTC-SIGNAL-TYPE ::= DMI-TYPE-IDENTIFIER

```
SequenceOfEvents ::= SEQUENCE {
    eventId          INTEGER,
    signalType       CDTC-SIGNAL-TYPE.&id ({SignalTypeSet}),
    signalValue      CDTC-SIGNAL-TYPE.&Value ({SignalTypeSet} {@.signalType}),
    signalDirection SignalDirection,
    mORTs            MORTs,
    associatedObjects AssociatedObjects,
    waitDuration     WaitDuration }

```

SignalTypeSet CDTC-SIGNAL-TYPE ::= {...}

"

h) *Replace the production for SignalReceived with the following ASN.1 production:*

```
"SignalReceived ::= SET OF SEQUENCE {
    signalType       CDTC-SIGNAL-TYPE.&id ({SignalTypeSet}),
    signalValue      CDTC-SIGNAL-TYPE.&Value ({SignalTypeSet} {@.signalType})
    mORTs            MORTs,
    associatedObjects AssociatedObjects }
"

```