
**Industrial automation systems and
integration — Parts library —**

Part 26:

**Logical resource: Information supplier
identification**

AMENDMENT 1

*Systèmes d'automatisation industrielle et intégration — Bibliothèque
de composants —*

*Partie 26: Ressource logique: Identification des fournisseurs
d'information*

AMENDEMENT 1



Reference number
ISO 13584-26:2000/Amd.1:2007(E)

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

Amendment 1 to ISO 13584-26:2000 was prepared by Technical Committee ISO/TC 184, *Industrial automation systems and integration*, Subcommittee SC 4, *Industrial data*.

Industrial automation systems and integration — Parts library —

Part 26: Logical resource: Information supplier identification

AMENDMENT 1

Page 1, Clause 2

Replace the whole clause with the following:

2. Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 10303-11, *Industrial automation systems and integration — Product data representation and exchange — Part 11: Description methods: The EXPRESS language reference manual*

ISO 13584-1, *Industrial automation systems and integration — Parts library — Part 1: Overview and fundamental principles*

ISO/IEC 6523-1, *Information technology — Structure for the identification of organizations and organization parts — Part 1: Identification of organization identification schemes*

ISO/IEC 8824-1, *Information technology — Abstract Syntax Notation One (ASN.1) — Part 1: Specification of basic notation*

ISO/IEC 10646, *Information technology — Universal Multiple-Octet Coded Character Set (UCS)*

ISO/IEC 11179-3, *Information technology — Metadata registries (MDR) — Part 3: Registry metamodel and basic attributes*

Page 1, Clause 3

Replace the whole clause with the following:

3. Terms and definitions

3.1. Terms defined in ISO 13584-1

For the purposes of this document, the following terms defined in ISO 13584-1 apply:

- part;
- parts library.

3.2. Terms defined in ISO/IEC 6523-1

For the purposes of this document, the following terms defined in ISO/IEC 6523-1 apply:

- data element value;
- identification scheme;
- identifier;
- information supplier;
- International Code Designator(ICD);
- organization;
- organization identification scheme;
- organization identifier(OI);
- organization part;
- organization part identifier(OPI);
- OPI source indicator(OPIS).

3.3. Terms defined in ISO/IEC 11179-3

For the purposes of this document, the following terms defined in ISO/IEC 11179-3 apply:

- data element.

3.4. Other definitions

For the purposes of this document, the following terms and definitions apply:

3.4.1

information supplier

organization or **organization part** (see 3.2) that supplies information about **parts** (see 3.1)

EXAMPLE A person, a company, a part of a company, or a government agency.

3.4.2

standard document

documented agreement containing technical specifications or other precise criteria to be used consistently as rules, guidelines, or definitions of characteristics, to ensure that one or more materials, products, processes, or services are fit for the purposes for which the materials, products, processes, or services are intended

3.4.3

Wirth Syntax Notation derivative

WSND

derivative of Wirth Syntax Notation defined in ISO 10303-11

Page 4, 4.1, sentence between NOTE 3 and NOTE 4

Replace "Clause 7.1 of ISO 10303-11:1994" with "ISO 10303-11".

Page 4, 4.1, NOTE 4

Replace "Clause 7.1 of ISO 10303-11:1994" with "ISO 10303-11".

Page 4, 4.1, NOTE 5

Delete the entire note.

Page 4, 4.1, NOTE 6

Renumber the note as "NOTE 5" and replace "Clause 7.1 of ISO 10303-11:1994" with "ISO 10303-11".

Page 4, 4.1, sentence immediately following the newly numbered NOTE 5 (formerly NOTE 6)

Delete the entire sentence.

Page 4, 4.1, NOTE 7

Renumber the note as "NOTE 6" and replace the whole sentence with the following:

"The maximum length values in Table 1 apply to the number of characters which may contain non-roman characters, and are independent of the character encoding system."

Page 4, Table 1

Insert the following note at the bottom of the table, immediately before the table footnotes:

"NOTE The length of a string is the value returned by the EXPRESS length function."

Page 6, 4.3, EXAMPLE 2

Replace the entire example with the following:

"EXAMPLE 2 IEC 61360-2:2004 (the content of which is also informatively duplicated in ISO 13584-42:1998/Cor 1:2003) requires that the supplier code should be 70 characters long or less."

Page 6, 4.3, EXAMPLE 3

Delete the entire example.

Page 6, 4.3, NOTE 4

Delete the entire note.

Page 6, Clause 5

Insert the following new subclause heading immediately under the Clause 5 heading and before the first paragraph:

“5.1 Supplier code for a standard document”

Renumber the subsequent subclauses, 5.1, 5.2 and 5.3, as 5.2, 5.3 and 5.4, respectively.

Page 6, newly numbered 5.1, first sentence

Replace “particular library” with “particular dictionary or library”.

Page 7, newly numbered 5.1, sentence immediately following Table 4

Replace “as specified in 5.1 and 5.2” with “as specified in 5.2 and 5.3”.

Page 7, newly numbered 5.3 (formerly 5.2), NOTE 1, first sentence

Invert the full-stop and the quotation mark at the end of the first sentence.

Page 8, newly numbered 5.4 (formerly 5.3)

Replace the entire subclause, including the notes, with the following:

“The first edition of document “International Classification for Standards” (ICS), published by ISO in 1992, shall be identified by the supplier code “112/1///_00_1”. The sixth edition, published in 2005, shall be identified by the supplier code “112/1///_00_6”.”

Page 8

Insert the following new subclause and clause immediately after the newly numbered 5.4 (formerly 5.3) and before Annex A:

5.5. Identification of the national or regional standards

National or regional standard bodies may use the standard document register mechanism to identify national or regional standards and data dictionaries. Apart from the organization identifiers already allocated to ISO, IEC, and ISO/IEC with OI = 1, 2, 3 respectively, some national standardization bodies have been assigned an OI for identifying translated data dictionaries. For the use of organization part identifier, i.e. OPI, it depends on each national or regional standard body. However when it issues an OPI, it is required to guarantee the uniqueness of the identifiers and the list of the identifiers must be kept publicly available. In this case, the OPIS shall be marked as zero (0) if the OPI is assigned by the issuing organization of the ICD, namely ISO, or one (1) if the OPI is assigned by an organization specified by an OI. An excerpt of the list of OIs under ICD = 0112 is included in Annex D of this part of ISO 13584.

6. Escape mechanism from ISO 6523 based identification

ISO 6523 does not use ICD = 0000 (zero) for the identification of organizations under the scheme. Taking advantage of this unused code, this part of ISO 13584 sets ICD = 0000 for signifying an escape sequence from the ISO 6523 identification mechanism. In this case, the organization identifier, OI, shall be set to zero (OI = 0) if a non-standard supplier identification in a form of URI (RFC 3986 Uniform Resource Identifier) is used, and OI may be any form of a string within 35 characters except zero nor null, if a non-standard supplier identification in a form other than URI is used. In either case, OPI, and OPIS shall not be used, and an actual identification sequence shall follow a sequence of three letters of “/” placed immediately after an OI. Note that the interpretation of the information contained in a non-standardized supplier identification string is totally dependent on a user agreement between the sender and the receiver of parts library exchange, and the information may not be persistent.

EXAMPLE “0000/0///http://www.tc184-sc4.org/” is an imaginary use case of the user defined non-standardized supplier identification.

NOTE ISO 13584-42:1998/Cor 1:2003 does not allow supplier_bsu to include dots, hyphens, or spaces in any part of the supplier code sequence. Consequently, the escape mechanism explained above may not be directly applied until ISO 13584-42 EXPRESS definition is updated, or a non-standardized supplier identification string is modified by the encode function listed in this part of ISO 13584. In the latter case the example listed above must be encoded as “0000/0///http://www.tc184-sc4.org/”. However, the non-standardized supplier identification is allowed without the encoding for 13584-35 which itself acts as an interface to ISO 13584-42 data model.

Page 11, Table C.1

Replace the Registration Authority for ICD code ‘0004’ with the following:

“National Bureau of Standards”

Replace the Registration Authority for ICD code ‘0005’ with the following:

“National Bureau of Standards”

Replace the Name of code for ICD code ‘0023’ with the following:

“Nordic University and Research Network: NORDUnet”

Replace the Name of code for ICD code ‘0025’ with the following:

“OSI ASIA-OCEANIA WORKSHOP”

Replace the Registration Authority for ICD code ‘0042’ with the following:

“DBP Telekom”

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Replace the Registration Authority for ICD code '0046' with the following:

“Royal Philips Electronics”

Replace the Name of code for ICD code '0053' with the following:

“Migros_Network M_NETOPZ”

Replace the Name of code for ICD code '0055' with the following:

“Energy Net”

Replace the Name of code for ICD code '0062' with the following:

“KPN OVN”

Replace the Registration Authority for ICD code '0062' with the following:

“Koninklijke KPN Operator Vaste net BBT/IP”

Replace the Name of code for ICD code '0070' with the following:

“DaimlerChrysler Corporate Network”

Replace the Registration Authority for ICD code '0070' with the following:

“DaimlerChrysler AG”

Replace the Registration Authority for ICD code '0072' with the following:

“International Truck & Engine Corp”

Replace the Registration Authority for ICD code '0104' with the following:

“Tony Holmes”

Page 17, Table C.1

Add the following rows at the bottom of the table, immediately after the row beginning with ICD code "0121":

0122	BB-DATA GmbH	BB-DATA GmbH	Germany
0123	BASF Company ATM- Network	BASF Computer Services GmbH	Germany
0124	IOTA-Identifiers for Organizations for Telecommunications Addressing using the ICD system format defined in ISO/IEC 8348	DISC British Standards Institution	UK
0125	Henkel Corporate Network (H- Net)	Henkel KGaA	Germany
0126	GTE/OSI Network	GTE	USA
0127	Dresdner Bank Corporate Network	Dresdner Bank AG	Germany
0128	BCNR (Swiss Clearing Bank Number)	Telekurs AG	Switzerland
0129	BPI (Swiss Business Partner Identification) code	Telekurs AG	Switzerland
0130	Directorates of the European Commission	European Commission	Belgium
0131	Code for the Identification of National Organizations	China National Organization Code Registration Authority Center (CNRAC)	China
0132	Certicom Object Identifiers	Certicom Corp	USA
0133	TC68 OID	ISO TC68, Banking and Related Financial Services	USA
0134	Infonet Services Corporation	Infonet NV/SA	Belgium
0135	SIA Object Identifiers	SIA-Società Interbancaria per l'Automazione S.p.A.	Italy
0136	Cable & Wireless Global ATM End System Address Plan	Cable & Wireless Global Business Inc.	USA
0137	Global AESA scheme	Global One	Belgium
0138	France Telecom ATM End System Address Plan	France Telecom	France
0139	Savvis Communications AESA	Savvis Communications	USA
0140	Toshiba Organizations, Partners, And Suppliers' (TOPAS) Code	Toshiba Corporation	Japan

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0141	NATO Commercial and Government Entity system	NATO Group of National Director on Codification (AC/135)	Luxembourg
0142	SECETI Object Identifiers	Servizi Centralizzati SECETI S.p.A.	Italy
0143	EINSTEINet AG	EINSTEINet AG	Germany
0144	DoDAAC (Department of Defense Activity Address Code)	DoD (United States Department of Defense)	USA
0145	DGCP (Direction Générale de la Comptabilité Publique) administrative accounting identification scheme	DGCP (Direction Générale de la Comptabilité Publique)	France
0146	DGI (Direction Générale des Impôts) code	DGI (Direction Générale des Impôts)	France
0147	Standard Company Code	Japan Information Processing Development Corporation / Electronic Commerce Promotion Center (JIPDEC/ECPC)	Japan
0148	ITU (International Telecommunications Union) Data Network Identification Codes (DNIC)	ITU (International Telecommunications Union) Telecommunication Standardization Bureau (TSB)	Switzerland
0149	Global Business Identifier	ResolveNet (IOM) Ltd	UK
0150	Madge Networks Ltd- ICD ATM Addressing Scheme	Madge Networks	UK
0151	Australian Business Number (ABN) Scheme	Australian Taxation Office	Australia
0152	Edira Scheme Identifier Code	EDIRA Association	Switzerland
0153	Concert Global Network Services ICD AESA	Concert Global Network Services Ltd	UK (Bermuda)
0154	Identification number of economic subjects: (IČO)	Czech Statistical Office	Czech Republic
0155	Global Crossing AESA (ATM End System Address)	Global Crossing Ltd	UK (Bermuda)
0156	AUNA	AUNA	Spain
0157	ITO Drager Net	Informatie en Communicatie Technologie Organisatie	Netherlands
0158	Identification number of economic subject (IČO)	Slovak Statistical Office	Slovak Republic

	Act on State Statistics of 29 November 2001, § 27		
0159	ACTALIS Object Identifiers	ACTALIS S.p.A.	Italy
0160	GTIN – Global Trade Item Number	EAN International	Belgium
0161	ECCMA Open Technical Dictionary	Electronic Commerce Code Management Association	USA
0162	CEN/ISSS Object Identifier Scheme	Comité Européen de Normalization - CEN	Belgium
0163	US-EPA Facility Identifier	U.S. Environmental Protection Agency	USA
0164	TELUS Corporation	Gregory Rees	Canada
0165	FIEIE Object identifiers	Jaakko Poyry Group Oyj	Finland
0166	Swissguide Identifier Scheme	Swissguide AG	Switzerland
0167	Priority Telecom ATM End System Address Plan	Priority Telecom Netherlands B.V.	Netherlands
0168	Vodafone Ireland OSI Addressing	Vodafone Ireland Limited	Ireland
0169	Swiss Federal Business Identification Number Central Business names Index (zefix) Identification Number	Swiss Federal Office of Justice	Switzerland
0170	Teikoku Company Code	TEIKOKU DATABANK LTD.	Japan
0171	Luxembourg CP & CPS (Certification Policy and Certification Practice Statement) Index	Ministry of The Economy and Foreign Trade	Luxembourg
0172	Project Group “Lists of Properties” (PROLIST®)	Project Group “Lists of Properties” (PROLIST®)	Germany

Insert the following new annex between Table C.1 and the Bibliography:

Annex D
(informative)

Assigned Organization Identifiers

Table D.1 shows an excerpt of the list of OIs under ISO = 112. The complete list shall be maintained by ISO TC184/SC4 on behalf of ISO and an update between the publications of this part of ISO 13584 will be available at the following URL:

<http://www.tc184-sc4.org/standard-OI-register/>

Table D.1 — Assigned Organization Identifiers under ICD = 112

OI	Acronym of the standard body	Name of the standard body	Country
1	ISO	International organization for standardization	Switzerland
2	IEC	International electrotechnical commission	Switzerland
3	ISO/IEC	International organization for standardization & International electrotechnical commission	Switzerland
4	AFNOR	Association Française de Normalisation	France
5	DIN	Deutsches Institut für Normung	Germany
6	BSI	British Standards Institution	United Kingdom
7	ANSI	American National Standards Institute	United States
8	JISC	Japanese Industrial Standards Committee	Japan

Replace the entire Bibliography with the following:

Bibliography

- [1] ISO 13584-42, *Industrial automation systems and integration — Parts Library — Part 42: Description methodology — Methodology for structuring part families*
- [2] ISO/IEC 2382-26:1993, *Information technology — Vocabulary — Part 26: Open systems interconnection*
- [3] ISO/IEC 6523-2, *Information technology — Structure for the identification of organizations and organization parts — Part 2: Registration of organization identification schemes*
- [4] IEC 61360-2, *Standard data element types with associated classification scheme for electric components — Part 2: EXPRESS dictionary schema*
- [5] International Classification for Standards, ISO, 2005
- [6] RFC 3986, *Uniform Resource Identifier (URI): Generic System*
available from: <http://gbiv.com/protocols/uri/rfc/rfc3986.html>

ICS 25.040.40

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