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Interested committees:

Title: Draft BS EN ISO/IEC 15944-7 :2009/Amd 1 Information technology - Business operational view. Part 7: eBusiness vocabulary. Amendment 1: Addition of clause 3 entries in ISO/IEC 15944-8, ISO/IEC 15944-9, ISO/IEC 15944-12, ISO/IEC 15944-16, ISO/IEC 15944-17, ISO/IEC 15944-20 and ISO/IEC 15944-21 to Annexes A, B and C and related changes.

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Introduction

This draft standard is based on national and international discussions. Your comments on this draft are invited and will assist in the preparation of the consequent standard.

For international standards, comments will be reviewed by the relevant UK national committee before sending the consensus UK vote and comments to the international committee, which will then decide appropriate action. If the international standard is approved, it is usual for the text to be published as a British Standard.

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Template for comments and secretariat observations

Date: xx/xx/20xx	Document: ISO/DIS xxxx
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1	2	(3)	4	5	(6)	7
MB	Clause No./ Subclause No./Annex (e.g. 3.1)	Paragraph/ Figure/Table/Note	Type of comment	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
	3.1	Definition 1	ed	Definition is ambiguous and needs clarifying.	Amend to read '...so that the mains connector to which no connection...'	
	6.4	Paragraph 2	te	The use of the UV photometer as an alternative cannot be supported as serious problems have been encountered in its use in the UK.	Delete reference to UV photometer.	



DRAFT Amendment

ISO/IEC 15944-7:2009/ DAM 1

Information technology — Business operational view —

Part 7: eBusiness vocabulary

AMENDMENT 1: Addition of clause 3 entries in ISO/IEC 15944-8, ISO/IEC 15944-9, ISO/IEC 15944-12, ISO/IEC 15944-16, ISO/IEC 15944-17, ISO/IEC 15944-20 and ISO/IEC 15944-21 to Annexes A, B and C and related changes

ICS: 01.040.35; 35.240.60

This document is circulated as received from the committee secretariat.

ISO/IEC JTC 1/SC 32

Secretariat: **ANSI**

Voting begins on:
2024-03-18

Voting terminates on:
2024-06-10

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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 32, *Data management and interchange*.

A list of all parts in ISO/IEC 15944 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Information technology — Business operational view —

Part 7: eBusiness vocabulary

AMENDMENT 1: Addition of clause 3 entries in ISO/IEC 15944-8, ISO/IEC 15944-9, ISO/IEC 15944-12, ISO/IEC 15944-16, ISO/IEC 15944-17, ISO/IEC 15944-20 and ISO/IEC 15944-21 to Annexes A, B and C and related changes

1 Scope

Update the scope to read:

1 Scope

This document provides a consolidated vocabulary of eBusiness concepts as found and defined in the current editions of ISO/IEC 14662 and the existing parts of ISO/IEC 15944, namely, Parts 1, 2, 4, 5, 6, 7, 8, 9, 10, 12, 16, 17, 20 and 21 along with their associated terms.

This document provides the rules, guidelines and procedures governing the formation of definitions for concepts relevant to eBusiness and choice of terms as a single, harmonized and integrated controlled vocabulary. This includes those governing multilingual expandability which incorporates and integrates cultural capability.

As such, This document facilitates the production of human interface equivalents (HIEs) of eBusiness terms and definitions in the various official (and de facto) languages of ISO members in the form of additional annexes to this part of ISO/IEC 15944.

This document identifies the essential elements of an entry in this controlled vocabulary as well as their rules and specifications. It also includes rules for ensuring quality and integrity control requirement for each entry and the interworking among the entries while doing so in an IT-enabled manner. It also addresses maintenance and update procedures.

2 Normative References

Add the following references:

ISO/IEC 15944-8:2012 *Information technology — Business Operational View - Part 1: Operational aspects of Open-edl for implementation*

ISO/IEC 15944-9:2023 *Information technology -- Business Operational View -- Part 9: Business transaction traceability framework for commitment exchange*

ISO/IEC 15944-12:2020 *Information technology -- Business Operational View -- Part 12: Privacy protection requirements on information life cycle management (ILCM) in EDI*

ISO/IEC 15944-16:2023 *Information technology - Business Operational View-Part 16: Consolidated set of the rules and guidelines identified in ISO/IEC 15944 Business Operational View standards and their IT-enablement*

ISO/IEC 15944-17:2024 *Information technology - Business Operational View-Part 17: Fundamental Principles and rules governing Privacy-by-Design (PbD) requirements in EDI and collaboration space context*

ISO/IEC 15944-20:2015 *Information technology -- Business Operational View -- Part 20: Linking business operational view to functional service view*

ISO/IEC 15944-21:2023 *Information technology -- Business Operational View -- Part 21: Application of Open-edi business transaction ontology in Distributed Business Transaction Repositories*

3 Terms and definitions

Change all "Note" to "Note N to entry"

In 3.1, update the definition of the term abbreviation , and the reference to read:

designation that is formed by omitting parts from its full form and that represents the same concept

Note 1 to entry Abbreviations can be created by removing individual words, or can be acronyms (3.4.15), initialisms (3.4.16), or clipped terms (3.4.17).

[ISO 1087:2019, 3.4.14]

In 3.4, add two Notes to entry and update the reference for the definition of the term concept to read:

Note 1 to entry Concepts are not necessarily bound to particular natural languages (3.1.7). They are, however, influenced by the social or cultural background which often leads to different categorizations.

Note 2 to entry This is the concept 'concept' as used and designated by the term "concept" in terminology work (3.5.1). It is a very different concept from that designated by other domains such as industrial automation or marketing.

[ISO 1087:2019, 3.2.7]

In 3.13, remove the reference in the definition of the term set and add "Note 1 to entry" to read:

Note 1 to entry This is adapted from ISO 5127:2017, 3.1.1.09.

A.1 ISO/IE, ISO and ITU

Update the entries to read:

ISO 639:2023, *Code for individual languages and language groups*

ISO 704:2022, *Terminology work — Principles and methods*

ISO 1087:2019 *Terminology work and terminology science — Vocabulary*

ISO/IEC 2382:2015 *Information technology - Vocabulary*

ISO 3166-1:2020, *Codes for the representation of names of countries and their subdivisions — Part 1: Country codes*

ISO 3166-2:2020 (E/F), *Codes for the representation of names of countries and their subdivisions — Part 2: Country subdivision code*

ISO 3166-3:2020, *Codes for the representation of names of countries and their subdivisions — Part 3: Code for formerly used names of countries*

ISO 4217:2015, *Codes for the representation of currencies*

ISO 5127:2017, *Information and documentation — Foundation and Vocabulary*

ISO/IEC 5218:2022, *Information technology — Codes for the Representation of human sexes*

ISO/IEC 6523-1:2023, *Information technology — Structure for the identification of organizations and organization parts — Part 1: Identification of organization identification schemes*

ISO/IEC 6523-2:1998 (E/F), *Information Technology — Structure for the identification of organizations and organization parts — Part 2: Registration of organizations identification schemes/Technologies de l'information — Structure pour l'identification des organisations et des parties d'organisations — Partie 2: Enregistrement des systèmes d'identification d'organisations*

ISO/IEC 7501-1:2008, *Identification cards — Machine readable travel documents — Part 1: Machine readable passport*

ISO/IEC 7501-2:1997, *Identification cards — Machine readable travel documents — Part 2: Machine readable visa*

ISO/IEC 7501-3:2005, *Identification cards — Machine readable travel documents — Part 3: Machine readable official travel documents*

ISO/IEC 7812-1:2017, *Identification cards — Identification of issuers — Part 1: Numbering system*

ISO/IEC 7812-2:2017, *Identification cards — Identification of issuers — Part 2: Application and registration procedures*

ISO 8583-1:2003, *Financial transaction card originated messages — Interchange message specifications — Part 1: Messages, data elements and code values*

ISO 8583-2:1998, (E/F), *Financial transaction card originated messages — Interchange message specifications — Part 2: Application and registration procedures for Institution Identification Codes (IIC)/Messages initiés par cartes de transaction financière — Spécifications d'échange de messages — Partie 2: Procédures d'application et d'enregistrement pour codes d'identification d'institution (IIC)*

ISO 8583:2023, *Financial-transaction-card-originated messages — Interchange message specifications*

ISO 8601-1:2019, *Date and time — Representations for information interchange — Part 1: Basic rules*

ISO 9000: 2015, *Quality management systems*

ISO/IEC 9541-1:2012, *Information technology — Font information interchange — Part 1: Architecture*

ISO/IEC 9594.1-11:2020, *Information technology — Open Systems Interconnection — The Directory*

ISO 9735-1:2002, *Electronic data interchange for administration, commerce and transport (EDIFACT) — Application level syntax rules (Syntax version number:4) — Part 1: Syntax rules common to all parts, together with syntax service directories for each of the parts*

ISO/IEC TR 9789:1994, *Information technology — Guidelines for the organization and representation of data elements for data interchange — Coding methods and principles*

ISO/IEC 9798-1:2010, *Information technology — Security techniques — Entity authentication — Part 1: General*

ISO/IEC 10164-15:2001, *Information technology — Open Systems Interconnection — Systems Management: Scheduling function*

ISO/IEC 10181-2:1996 *Information technology – Open System, Interconnection – Security frameworks for open systems – Part 2: Authentication framework*

ISO/IEC 10241:1992, *International terminology standards — Preparation and layout*

ISO/IEC 10646:2020, *Information technology — Universal coded character set (UCS)*

ISO/IEC 11179-1:2023, *Information technology — Metadata registries (MDR) — Part 1: Framework*

ISO/IEC 11179-3:2023, *Information technology — Metadata Registries (MDR) — Part 3: Registry metamodel and basic attributes*

ISO/IEC 11179-5:2015, *Information technology — Metadata registries (MDR) — Part 5: Naming principles*

ISO 12620-1:2022 *Management of terminology resources — Data categories — Part 1: Specifications*

ISO 12620-2:2022 *Management of terminology resources — Data categories — Part 2: Repositories*

ISO 13008:2022 *Information and documentation – Digital records conversion and migration process*

ISO/TS 15000-5:2014, *Electronic Business Extensible Markup Language (ebXML) — Part 5: Core Components Specification (CCS)*

ISO 15489-1:2016 (E/F), *Information and documentation — Records management — Part 1: Concepts and principles /Information et documentation — «Records management» — Partie 1: Concepts et principes*

ISO/IEC 15938-5:2003, *Information technology — Multimedia content description interface — Part 5: Multimedia description schemes*

ISO 19108:2002, *Geographic information — Temporal schema*

ISO 19115-1:2014, *Geographic information — Metadata — Part 1: Fundamentals*

ISO 19135-1:2015, *Geographic information — Procedures for item registration — Part 1: Fundamentals*

ISO/IEC 19501:2005, *Information technology — Open Distributed Processing — Unified Modelling Language (UML) Version 1.4.2*

ISO/IEC 19757-2:2008, *Information technology — Document Schema Definition Language (DSDL) — Part 2: Regular-grammar-based validation — RELAX NG*

ISO 22857:2013 *Health informatics — Guidelines on data protection to facilitate trans-border flows of personal health data*

ISO/IEC 29187-1:2013 *Information technology -- Identification of privacy protection requirements pertaining to learning, education and training (LET) -- Part 1: Framework and reference model*

ITU-R TF.460-6, *Standard-frequency and time-signal emissions*, International Telecommunication Union, Radiocommunications (ITU-R)

ITU-R TF.686, *Glossary*, International Telecommunication Union, Radiocommunications (ITU-R)

Annex B Consolidated list of abbreviations

Update the list of entries to read:

API	Application Programming Interface
ATI	Access to Information
B2B	Business-to-Business
B2G	Business-to-Government
BOV	Business Operational View

BTE	Business Transaction Entity
BTI	Business Transaction Identifier
BTM	Business Transaction Model
BTN	Business Transaction Number
cdRS	coded domain Registration Schema
cdSA	coded domain Source Authority
CIP	consumer information profile
CGSB	Canadian General Standards Board
CRPD	(UN) Convention on Rights of Persons with Disabilities (2006)
CV	controlled vocabulary
D-I-M	Defined Immediate Mediated
DMA	Decision Making Application
DMA Interface	Decision Making Application Interface
DOI	Digital Object Identifier
D-S-B	Defined Separate Bilateral
D-S-M	Defined Separate Mediated
EC	European Community
EDI	Electronic Data Interchange
EU	European Union
FDT	Formal Description Technique
FOI	Freedom of Information
FSV	Functional Service View
FTC	(USA) Federal Trade Commission
G4B	Government-for-Business
HIE	Human Interface Equivalent (ÉIH – Équivalent d'interface humaine)
HS	Harmonized Commodity Description and Coding System (Harmonized Subsystem or HS System) of the World Customs Organization (WCO)
HTML	Hypertext Markup Language
HTTP	Hypertext Transfer Protocol
IAEA	International Atomic Energy Authority
IATA	International Air Transport Association
IB	Information Bundle

ICAO	International Civil Aviation Organization
ICC	International Chamber of Commerce
ICT	Information communication technologies
ID	Identifier
IEC	International Electrotechnical Commission (CEI – Commission électrotechnique internationale)
Ii	individual identity
ILCM	information lifecycle management
ILO	International Labour Organization
IMO	International Maritime Organization
INCOTERMS	International Commercial Terms (of the ICC)
IPD	Information Processing Domain
ipRS	individual persona Registration Schema
IRBOI	International Registration Business Object Identifier
ISO	International Organization for Standardization
IT	Information technology
IT System	Information Technology System
ITU	International Telecommunications Union
ITU-R	International Telecommunications Union – Radiocommunications Sector
ITU-T	International Telecommunications Union – Telecommunications Sector
JTC 1	Joint Technical Committee 1 “Information Technology” (of the ISO and IEC)
LipRS	legally recognized individual persona Registration Schema
LRII	legally recognized individual identity
LRL	Legally Recognized Language (NRL – nom reconnu légalement)
LRN	legally recognized name
LSP	language for special purposes
md-rii	mutually-defined recognized individual identity
NAFTA	North American Free Trade Agreement
OeBTO	Open-edition Business Transaction Ontology
OeCI	Open-edition Control Information
OeDT	Open-edition Descriptive Technique
OeP	Open-edition Party

OeR	Open-edi Registry
OeRA	Open-edi Registration Authority
OeRI	Open-edi Registry Item
OeRO	Open-edi Registration Organization
OeROI	Open-edi Registration Organization Identifier
OeRR	Open-edi Records Retention
Oe-RRDS	Open-edi records retention and disposal schedule
OeS	Open-edi scenario
OeSE	Open-edi Support Entity
OeSEP	Open-edi Support Entity Protocol
OeSI	Open-edi Support Infrastructure
OeSO	Open-edi Support Organization
OeUD	Open-edi User Data
OID	Object Identifier
OVN	Open Value Network
PAPI	publicly available personal information (IPPI – information personnelle d'accès public)
PCS	privacy collaboration space
PbD	Privacy-by-Design
PiPI	Person identity personal information
PIC	personal information controller
PIP	personal information profile
PIPEDA	Personal Information Protection and Electronic Documents Act (Canada)
PPO	privacy protection officer
PPR	privacy protection requirement(s)
PPTI	privacy protection transactional integrity
pRS	persona Registration Schema
RA	Registration Authority
RAI	Registration Authority Identifier
RBT	regulatory business transaction
rii	recognized individual identity
RIN	recognized individual name (NRI – nom reconnu d'individu)

rPi	recognized Person identity
RRDS	records retention and disposal schedule(s)
RS	Registration Schema
RS-rii	Registration Schema (based)-recognized individual identity
RTI	Returnable Transport Item
SA	Source Authority
SC	Semantic Component
SI	Semantic Identifier
SPI	set of personal information
SRI	set of recorded information (EIE – ensemble d’Information enregistré)
TBT	Technical Barriers to Trade
TI	Transfer Infrastructure
TR	Technical Report
TRN	truncated recognized name (nom reconnu tronqué)
TS	Technical Specification
U-I-B	Undefined Immediate Bilateral
U-I-M	Undefined Immediate Mediated
UML	Unified Modelling Language
UN	United Nations
UN/CPC	United Nations/Central Product Classification
UN/ECE	UN Economic Commission for Europe
UNGA	United Nations General Assembly
UPC/EAN	Uniform Product Code/European Article Numbering
U-S-B	Undefined Separate Bilateral
U-S-M	Undefined Separate Mediated
VAT	Value Added Tax
VIM	International Vocabulary of Metrology
WCO	World Customs Organization
WCO/HS	World Customs Organization/Harmonized System
WIPO	World Intellectual Property Organization
WHO	World Health Organization
WTO	World Trade Organization

Annex C (normative) Consolidated summary list of eBusiness vocabulary entries by source referenced

Update Table C.1 and text below to the following table and the text below

Table C.1 — eBusiness vocabulary entries by source referenced

Category	Description
Identification	
1 eBusiness vocabulary ID	The eBusiness vocabulary identifier in the form of “Dnnn” as stated in each of the entries in Annex D
2 Source Reference ID	The Source Reference ID for the eBusiness vocabulary entry in the form of a composite identifier consisting of the following components: a) the source international standard reference for the vocabulary entry; b) the unique identifier assigned by international standards organization for the standards document including part number where applicable; c) the date of the standard document as applicable; and, d) the identifier of the Clause number in the standards document referenced
Human Interface Equivalent (E/F)	
3 ISO English Term	The ISO English language term for the entry
4 ISO French Term	The ISO French language term for the entry
Use in eBusiness Standards	
	Indicate use as a Clause 3 Definition in one or more of the following eBusiness standards
5	ISO/IEC 14662, 3 rd edition, 2010
6	ISO/IEC 15944-1, 3 rd edition, 2024
7	ISO/IEC 15944-2, 2 nd edition, 2015
8	ISO/IEC 15944-4, 2 nd edition, 2015
9	ISO/IEC 15944-5, 1 st edition, 2008
10	ISO/IEC TR 15944-6, 2 nd edition, 2015
11	ISO/IEC 15944-7, 1 st edition, 2009
12	ISO/IEC 15944-8, 2 nd edition, 2024
13	ISO/IEC 15944-9, 2 nd edition, 2023
14	ISO/IEC 15944-10, 2 nd edition, 2023
15	ISO/IEC 15944-12, 1 st edition, 2017
16	ISO/IEC 15944-16, 1 st edition, 2023
17	ISO/IEC 15944-17, 1 st edition, 2024
18	ISO/IEC 15944-20, 2 nd edition, 2015
19	ISO/IEC 15944-21, 1 st edition, 2023
20	<i>Reserved</i>

With regards to the above, the following coding scheme is used in Columns 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, and 20.

Update Table C.2 to the following table