



PARADINE



International
Organization for
Standardization

ISO Concept Database (ISO/CDB)

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Dublin, August 14th, 2010

The Company

- **Paradine GmbH**
Prinz Eugen Straße 70
1040 Vienna, Austria
- **FN 20457w, HG Wien**
- **ATU 51550307**
- **founded 1998**



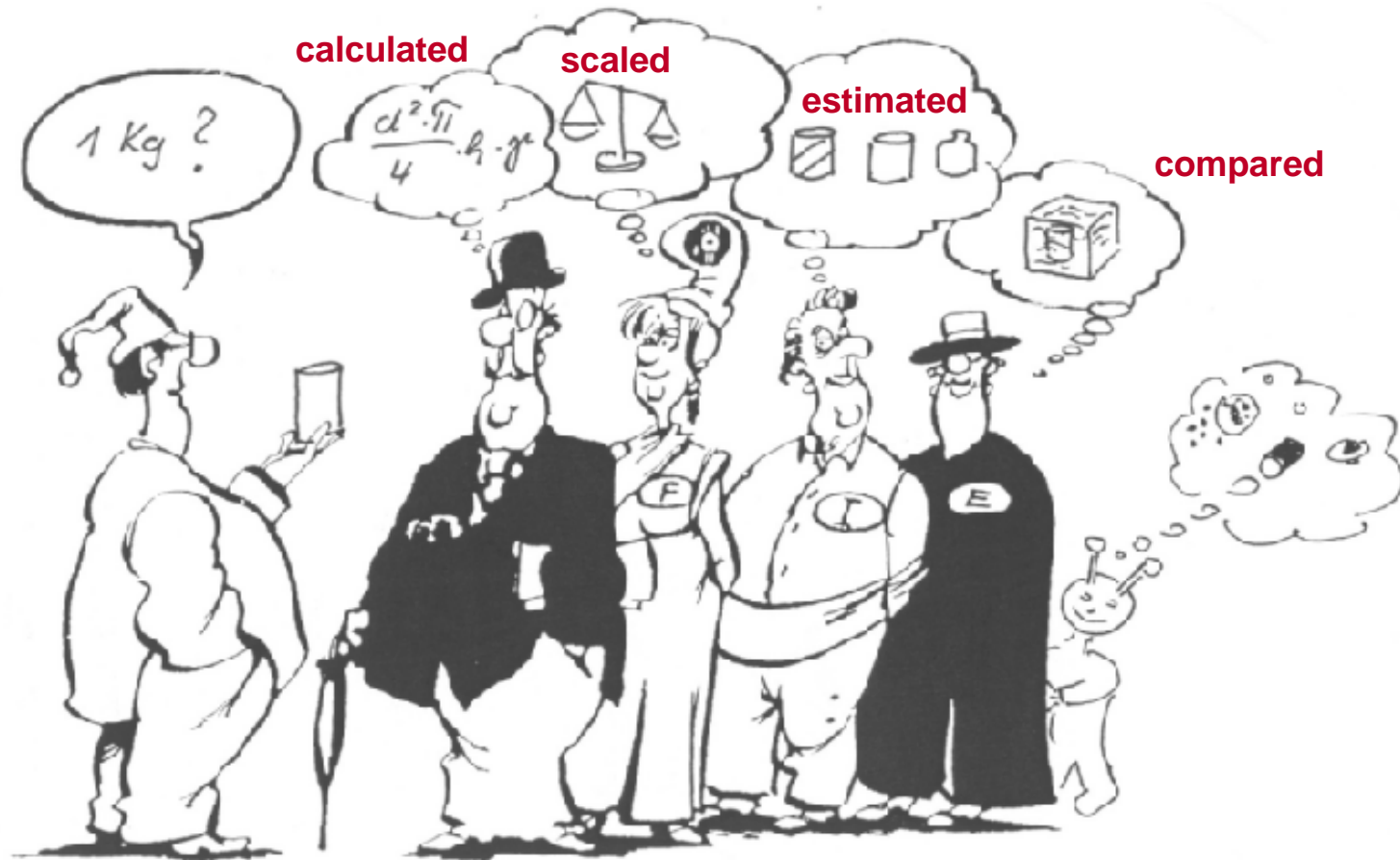
Paradine GmbH

- **Software-Solutions (eptos™, capra™)**
Online – Dictionaries for corporations, industry associations and standardization organisations
- **Consulting offerings**
Design, implementation and maintenance of product catalogues and online-dictionaries
- **Operation of Online-Dictionaries (SaaS)**
e.g. eCl@ss Service Portal, DIN Property Dictionary, ISO/CDB, ISO TC 172 Dictionary, PROLIST Server, ...

Proudly working for:



Mass with SI-unit: 1kg – looking good ?



... or if 1 kg DOES NOT equal 1 kg ?

Product – Specification

Configuration data
order no., product, system, ...

Property structure
terminology, attribute, standard, ...



Catalogue structural data
index, chapter, page, ...

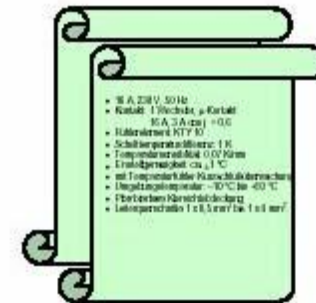
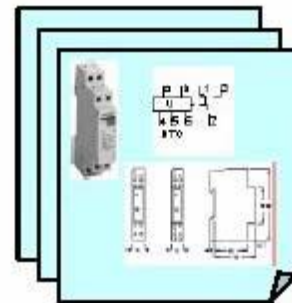
Classification data
class, list of properties, ...

Commercial data
list price, delivery time,
EAN-code, ...

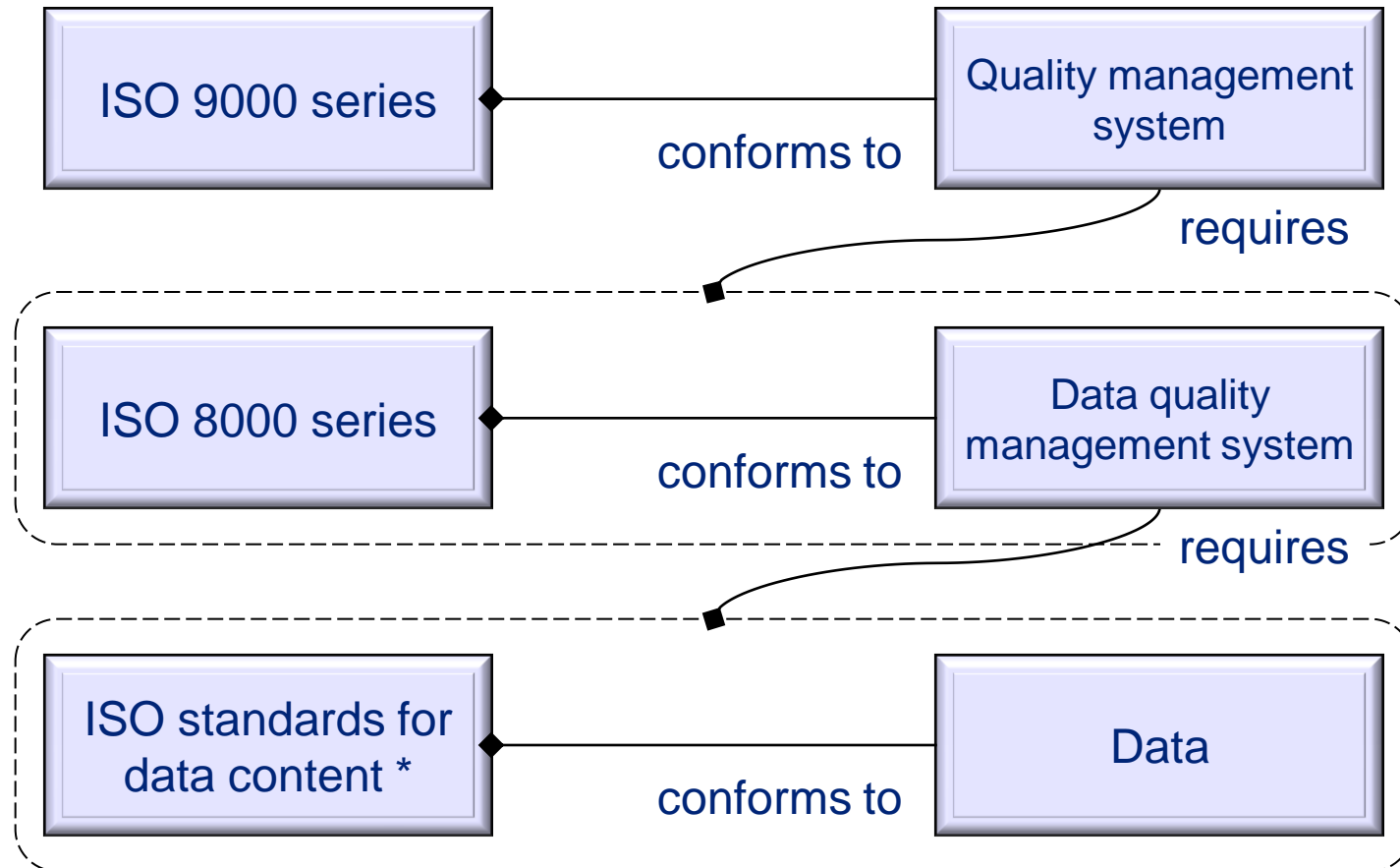
Technical data
technical attribute,
(voltage, ...), ...

Graphical data
icon, picture,
drawing, CAX-data,
video, ...

Text, Description
RfQ, catalogue,
manual, folder, ...



The quality stack (from ISO/TC 184/SC4)



* e.g. ISO 10303, ISO 13584, ISO 15926, ISO 22745, ISO 29002

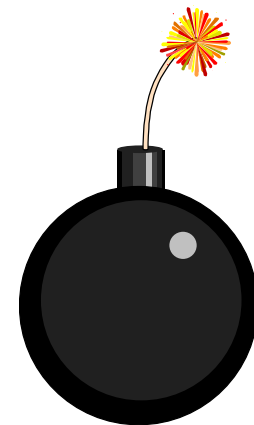
Problems

- High efforts to (redundantly) create and maintain data
- Impossible to consolidate (coordinate) translations throughout the companies
- Misunderstandings and errors through inconsistent translations for the same topic



Consequences

- High costs to create and maintain multilingual data
- High barriers to enter new markets (both regarding suppliers and customers)
- High follow up costs/losses due to incorrect data creation and exchange (e.g. recall of products)



Solution

- Standardization of metadata
(terminology, properties for products and services, graphical symbols, etc.) = reliable data
- Standardized data models and exchange formats to insure interoperability of data and systems
- Online workflows for development and maintenance of data



What are we talking about?

- Term
- Terminology
- Property
- Property Dictionary
- Concept
- Graphical Symbol
- Codes
- ...

The background features a blue-toned design with several interlocking gears of varying sizes. On the left side, a bundle of fiber optic cables is shown, with light rays emanating from a central point and spreading outwards. The overall aesthetic is technical and digital.

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**Example:
DIN Online Dictionary**

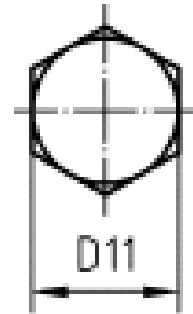
DINsml.net
DIN-Merkmallexikon

What is a Property?

- Characteristic of an object
- Preferred name
- Definition
- Data typ (Real, Integer, String, Boolean)
- List of values
- Unit of measurement
- ...



Property „width across flat“ - attributes



Merkmal - ID	DIN-A,A,A060-001.011
Bevorzugte Benennung	Schlüsselweite
Definition	Abstand zwischen 2 parallelen Flächen eines Vielkantantriebs von Verbindungselementen mit Gewinde
Quelle der Definition	DIN 4000-2 : 1999-12
Einheit	mm
Bevorzugtes Symbol	D11
Kurzbezeichnung	SW
Typ Klasse	T 03 (Länge)
Datentyp	Real
Defintionsklasse	DIN-A,A,A160-001.013 - mechanisches Verbindungselement

DIN 4000-160 property lists incl. ID's

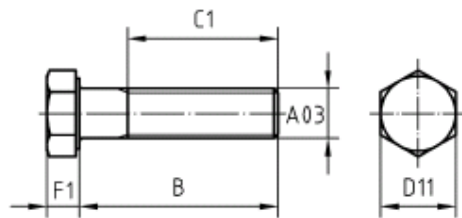


Bild 1 — ID = DIN-AAA515
Sechskantschrauben

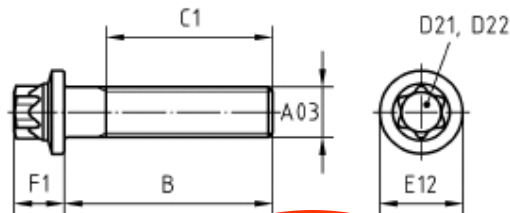


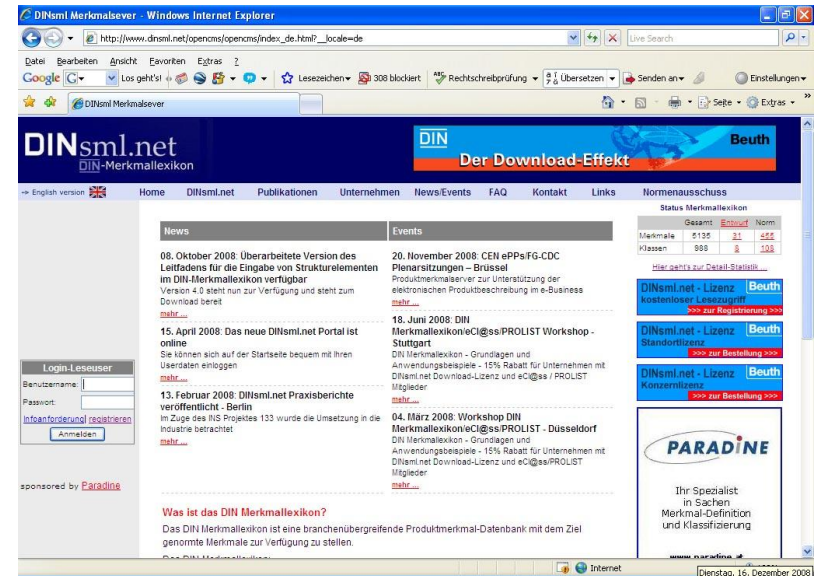
Bild 3 — ID = DIN-AAA518
Außensechsrundschraube

Bevorzugtes Symbol	Bevorzugte Benennung	Einheit	Kennung
BLD	Bildkennung	-	DIN-AAA058
A 01	Formbuchstabe Schaftform	-	DIN-AAA062
A 02	Gewidekennbuchstabe	-	DIN-AAA271
A 03	Gewidenenddurchmesser	mm	DIN-AAA272
A 04	Gewidesteigung	mm	DIN-AAA273
A 08	Toleranzklasse Gewinde	-	DIN-AAA064
A 09	Gewidezusatz	-	DIN-AAA063
A 10	Gewidenenngroesse	-	DIN-AAA265
B	Schraubenlänge	mm	DIN-AAA066
C 1	Gewindelänge	mm	DIN-AAA270
D 11	Schlüsselweite	mm	DIN-AAA060
E 11	Kopfdurchmesser/Außendurchmesser	mm	DIN-AAA905
E 12	Flanschdurchmesser	mm	DIN-AAA071
E 14	Schaft-, Zentrierdurchmesser	mm	DIN-AAB021
E 21	Schraubenkopf-, Mutterbreite	mm	DIN-AAA221
E 22	Schraubenkopf-, Mutterlänge	mm	DIN-AAA222
E 24	Klemmdicke minimal	mm	DIN AAA224
E 25	Klemmdicke maximal	mm	DIN AAA225
F 1	Kopfhöhe	mm	DIN-AAA072
F 2	Flanschhöhe	mm	DIN AAA082
G 1	Formbuchstabe Gewindeende	-	DIN-AAA061
G 4	Produktklasse/Ausführung	-	DIN-AAA078
H 1	Festigkeitsklasse/Härteklasse	-	DIN-AAA902
H 2	Werkstoff	-	DIN-AAA903
J	Oberflächenschutz	-	DIN-AAA079

DIN Online Dictionary - www.DINsml.net



- Cross Industry Online Dictionary for product describing properties (www.DINsml.net)
- Online standardization workflow
- Data-model: ISO 13584/IEC 61360
- more than 6500 properties and classes in standardization process
- more than 1400 properties from IEC included



Register online for read only access ! (free of charge)

The screenshot shows the website **DINsml.net** (DIN-Merkmallexikon) in a Windows Internet Explorer browser. The address bar shows the URL: http://www.dinsml.net/opencms/opencms/index_de.html?__locale=en. The website features a navigation menu with links to Home, DINsml.net, Publications, Companies, News/Events, FAQ, Contact, Links, and Committee. There is also a language selector for the German version.

The main content area is divided into two columns: **News** and **Events**.

News:

- 27. October 2009: ISO Concept Database (ISO/CDB) online - Geneva**
Database for standardized terminology, graphical symbols and codes is live
[read more ...](#)
- 16. June 2009: DIN signs cooperative agreement with eCI@ss - Berlin**
The close contacts between the DIN Deutsches Institut für Normung e.V. and eCI@ss e.V. are thus continued to strengthen
[read more ...](#)
- 15. May 2009: CENISSS online questionnaire about ePPS**
Guidelines for the design, implementation and operation of a product property server
[read more ...](#)

Events:

- 11. November 2009: CENISSS eCAT ePPS conference - Rotterdam**
The meeting takes place together with the ISO TC184/SC4 Implementers forum
[read more ...](#)
- 05. June 2009: CEN Workshop on Multilingual eCataloguing and eClassification in eBusiness (ePPS) - Paris**
A joint seminar with FG/CDC
[read more ...](#)
- 14. May 2009: Workshop eCI@ss product management - Vienna**
Classification, data consolidation, lasting reduction of costs, efficiency increase
[read more ...](#)

On the left side, there is a **Login** form with fields for User name (containing 'benutzer') and Password, and buttons for 'Info', 'Register', and 'Apply'.

Below the login form, it says 'Sponsored by [Paradine](#)'.

A section titled **What is the DIN Properties Dictionary?** explains that it is an electronic dictionary of properties for trade, industry, and associations. It lists key features:

- Provides access to standardized product properties throughout the product's entire life cycle
- Is based on the ISO 13584 and IEC 61360 information models and conforms to the DIN 4002 standards series
- Is developed and operated by [Paradine GmbH](#) on behalf of, the [German Institute for Standardization \(DIN\)](#)

It also mentions that trade, industry, and associations are collaborating at NSM to draw up standardized properties according to DIN 4002-100 and standardized properties lists according to DIN 4002-101.

On the right side, there is a **Status Dictionary** table:

	All	Diff	Released
Properties	5141	3	523
Classes	988	1	115

Below the table is a link: [Go to detailed statistics...](#)

There are three license offers from Beuth:

- DINsml.net - License Beuth** (free Read-only Access) with [Register >>>](#) button
- DINsml.net - License Beuth** (Site - License) with [Register >>>](#) button
- DINsml.net - License Beuth** (Corporate - License) with [Register >>>](#) button

At the bottom right, there is a **PARADINE** logo and a section for **Online-Dictionaries** with a list of services:

- Classification
- Product Properties
- Graphical Symbols
- Terms and Definitions
- Units of Measure
- Codes

The website URL www.paradine.eu is also displayed.

Display details of product property

The screenshot shows a web browser window displaying the DINsml.net website. The page title is "Entity Type: Property". The main content area displays the following details for the property:

Preferred Name	Diameter lock nut
Identification	DIN-AAD702-003
Status	40.20 - Draft
Definition	greatest external distance between two parallel tangents that are located on the outside diameter
Source of definition	
Short name	
Synonyms	
Keyword	
Unit	mm
Preferred symbol	DLN
Note to definition	
Substitute symbol	
Property data type	Real
Super property	Non dependent
ICS Classification	(1) 25.100
Classtype Code	T03 - length, breadth, height, thickness, radius, diameter, length of path, distance, cartesian coordinates, radius of curvature
Definition class	DIN-AAD881-003

Additional information visible on the page includes a search sidebar with "Property" selected, a login status "reini", and a footer with "Copyright | Sitemap | Webmaster | Impressum" and "Contact | Print".



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Example:
eCl@ss Service Portal
www.eclass-serviceportal.com



eCl@ss association

eCl@ss Verbindet Unternehmen. Schafft Ordnung.

Sie wollen mehr über den internationalen Klassifikationsstandard und den eCl@ss e.V. erfahren? Aktuelle Informationen und Downloads finden Sie [hier](#)...

zukunftsicher international branchenübergreifend

INTERNATIONALER STANDARD ZUR KLASSIFIZIERUNG UND BESCHREIBUNG VON PRODUKTEN UND DIENSTLEISTUNGEN

BMW-Förderprojekte

gefördert vom Bundesministerium für Wirtschaft und Technologie

Schaffung und Nutzung globaler Marktchancen
Kleine und mittlere Unternehmen stehen im Mittelpunkt des Förderprojekts des Bundesministeriums für Wirtschaft und Technologie. Mehr zum Projekt "eCl@ss für den Mittelstand"...

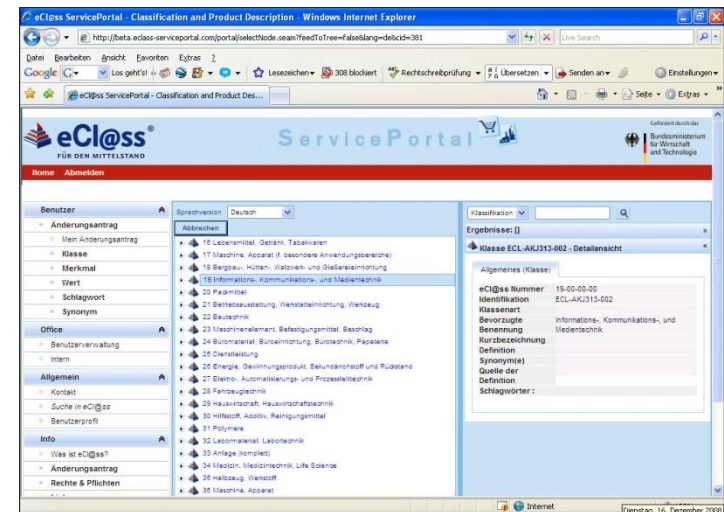
Integration der Baubranche
Als Unternehmen der Baubranche möchten Sie mehr über die Vorteile der Nutzung von eCl@ss erfahren? Mehr zum Projekt "eCl@ss für die Baubranche"...



eCl@ss – Service Portal



- Classification system available in 15 languages
Chinese, Czech, Dutch, English, French, German, Italian, Japanese, Korean, Portuguese, Russian, Spanish, Taiwanese, Thai and Turkish
- Create Change Requests online (7/24)
(registration free of charge)
- Online processing of CRs
Better support for users and members of expert groups
 - more information
 - faster processing
 - higher cost efficiency



Create Change Request (CR)

The screenshot shows the eClass ServicePortal interface in a Windows Internet Explorer browser window. The address bar displays the URL: `http://beta.eclass-serviceportal.com/portal/selectNode.seam`. The page header includes the eClass logo, the text "ServicePortal", and a note "Supported by Bundesministerium für Wirtschaft und Technologie".

The main content area is divided into several sections:

- User:** A sidebar menu with options like "Change Requests", "General", "Info", and "Rights & Obligations". The user is logged in as `reinhard.pohn@paradine.at`.
- Content language:** A dropdown menu set to "Russian".
- Classification classes:** A search bar and a search button.
- Results:** A list of classification classes. The selected class is "class ECL-AAA184-004 - Entity Detail".
- Entity Detail:** A detailed view of the selected class, showing fields such as "eClass-coded name", "Identification", "Class type", "Preferred name", "Short name", "Definition", "Synonym", "Source of definition", and "Keywords".

The classification tree on the left shows a hierarchy of classes, with "21-01 Инструменты" selected. Other visible classes include "16 Food, beverage, tobacco", "17 Оборудование для промышленности и сельского хозяйства", "18 Оборудование для рудопереработки, литья и проката", "19 Компьютеры, Радио-, теле-, видео-, фототехника", "20 Упаковочные изделия и материалы", "21 Инструменты, приспособления, заводское оборудование", "21-02 Зажимные приспособления для инструментов и деталей", "21-04 Ручные инструменты", "21-05 Электроинструменты", "21-06 Пневматические инструменты", "21-07 Транспортно-подъемное оборудование", "21-08 Оборудование для пайки и сварки", "21-10 Заводская обстановка, мебель и пр.", "21-11 Гидравлические инструменты", "21-12 Приспособления", "21-13 Стандартные детали для инструментального производства", "21-16 Мерные и геодезические инструменты", "21-17 Измерительные инструменты, эталоны", "21-18 cutting tool with defined cutting edges", "21-19 Cleaning device (plant equipment, workshop equipment)", and "22 Всё для строительства. Садовое хозяйство".

Changes of Texts



eCl@ss ServicePortal - Classification and Product Description - Windows Internet Explorer

http://beta.eclass-serviceportal.com/portal/changeTextualInfo.seam

Google | Los geht's! | 308 blockiert | Rechtschreibprüfung | Übersetzen | Senden an | Einstellungen

eCl@ss ServicePortal - Classification and Product Des...

eCl@ss ServicePortal

Supported by Bundesministerium für Wirtschaft und Technologie

Home Logout

Select entity Change textual info

User Content language: Chinese

Change Request

My Change Request

Class

Change Textual Information

Property

Value

Keyword

Synonym

Office

User Management

Intern

General

Contact

Search in eCl@ss

User Profile

Info

What is eCl@ss?

Change Request

Identification: ECL-AKU313-002.1

Preferred name *

old text	new text	Language
信息通讯传媒技术	<input type="text" value="信息通讯传媒技术"/>	
Information, communication and media technology	<input type="text" value="Information, communication and media technology"/>	

Short name

old text	new text	Language
<input type="text"/>	<input type="text"/>	
<input type="text"/>	<input type="text"/>	

Definition

old text	new text	Language
<input type="text"/>	<input type="text"/>	
<input type="text"/>	<input type="text"/>	

Note

old text	new text	Language
<input type="text"/>	<input type="text"/>	

Internet 100%

Translations



eCl@ss ServicePortal - Classification and Product Description - Windows Internet Explorer

http://beta.eclass-serviceportal.com/portal/changeTextualInfo.seam

Content language: Spanish

Identification: ECL-AKU313-002.1

old text	new text	Language
Teconología de información, comunicación, y medios	<input type="text" value="Tecnología de información, comunicación, y medios"/>	
Information, communication and media technology	<input type="text" value="Information, communication and media technology"/>	

old text	new text	Language
<input type="text"/>	<input type="text"/>	
<input type="text"/>	<input type="text"/>	

old text	new text	Language
<input type="text"/>	<input type="text"/>	
<input type="text"/>	<input type="text"/>	

old text	new text	Language
<input type="text"/>	<input type="text"/>	

Fertig

The background features a blue-toned image with several interlocking gears of varying sizes. On the left side, a bundle of fiber optic cables is shown, with light rays emanating from a central point and spreading outwards. The overall aesthetic is technical and digital.

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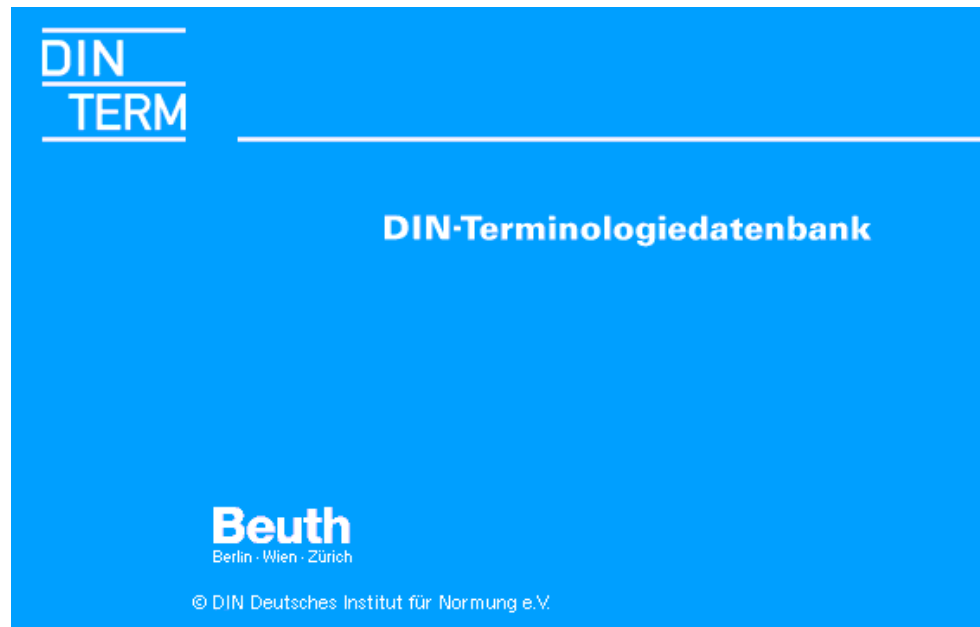
**Example:
DIN-TERM
(Terminology Database)**

Definitionen

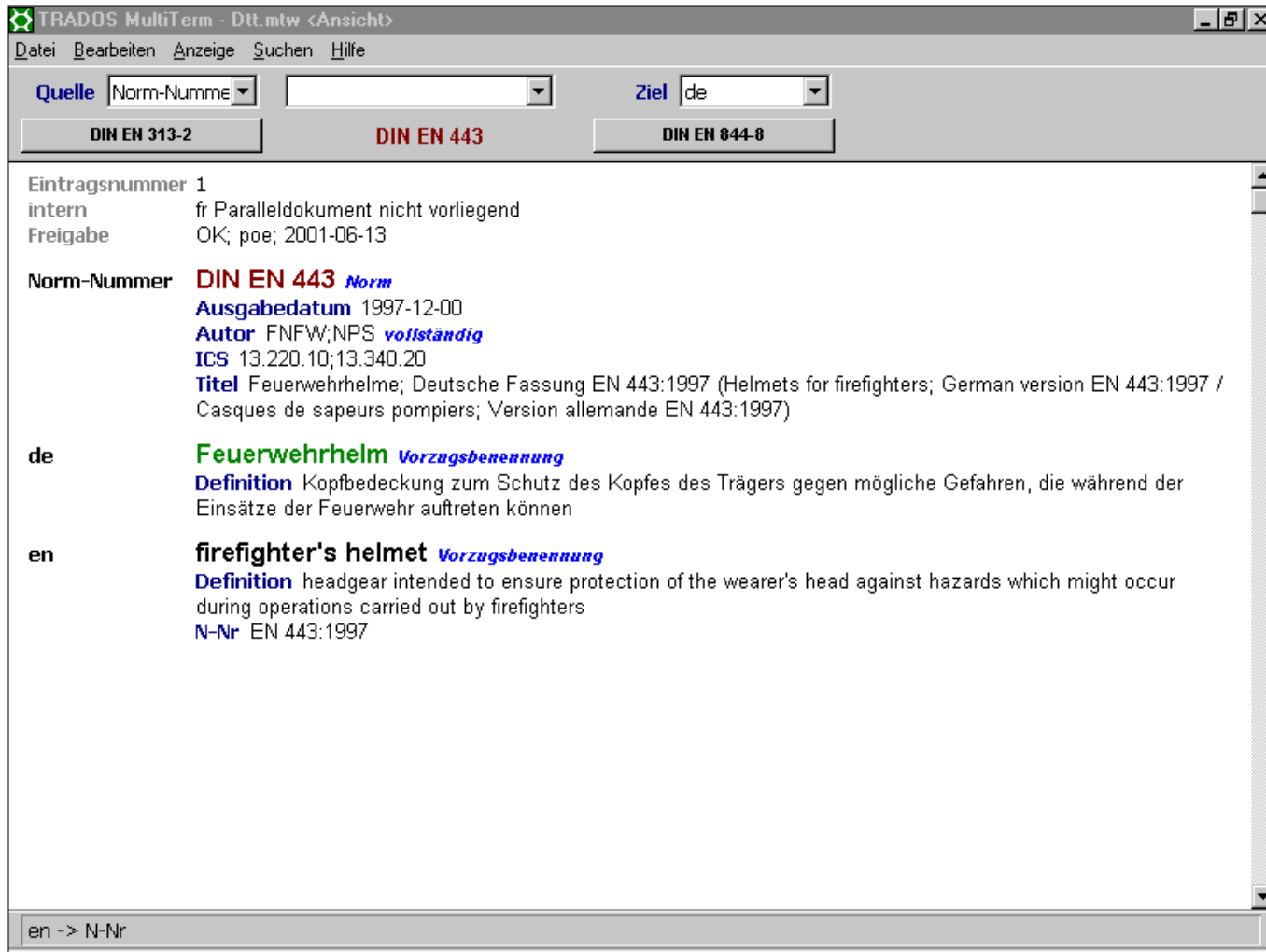
- **Term** (ISO 1087-1, 2000:6)
„Verbal designation of a general concept in a specific subject field.“
- **Terminology** (Wikipedia)
Terminology is the study of terms and their use. Terms are words and compound words that are used in specific contexts. ...

DIN-TERM

- CD-ROM-Version of DIN-TERM
- Appr. 240.000 entries, annual release
- Price: 528,00 EUR, Demoversion free of charge



Example – DIN-TERM



TRADOS MultiTerm - Dtt.mtw <Ansicht>

Datei Bearbeiten Anzeige Suchen Hilfe

Quelle Norm-Numme [] Ziel de

DIN EN 313-2 **DIN EN 443** DIN EN 844-8

Eintragsnummer 1

intern fr Paralleldokument nicht vorliegend

Freigabe OK; poe; 2001-06-13

Norm-Nummer **DIN EN 443** *Norm*

Ausgabedatum 1997-12-00

Autor FNFW;NPS *vollständig*

ICS 13.220.10;13.340.20

Titel Feuerwehrhelme; Deutsche Fassung EN 443:1997 (Helmets for firefighters; German version EN 443:1997 / Casques de sapeurs pompiers; Version allemande EN 443:1997)

de **Feuerwehrhelm** *Vorzugsbenennung*

Definition Kopfbedeckung zum Schutz des Kopfes des Trägers gegen mögliche Gefahren, die während der Einsätze der Feuerwehr auftreten können

en **firefighter's helmet** *Vorzugsbenennung*

Definition headgear intended to ensure protection of the wearer's head against hazards which might occur during operations carried out by firefighters

N-Nr EN 443:1997

en -> N-Nr

Confused?

- And how is that connected to the ISO Concept Database?





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**ISO Concept Database
ISO/CDB**



International
Organization for
Standardization

“Standards as databases” What is it?

Many standards consist in full or in part of

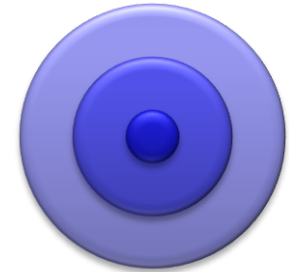
“**collection of items**”, e.g.

- Terms and definitions
- Graphical symbols
- Product properties
- Reference data of all types
- Classification systems
- Codes (for various types of objects)
- Units of measurements
- etc.



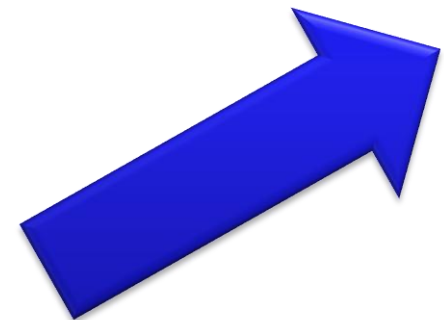
ISO/CDB – Key functions

- **The repository** for concepts in ISO
- Access through a **public information layer**
- **Structured development process**
- Integration with **existing IT infrastructure of ISO** (e.g. role-based access control – ISO/GD, balloting systems etc.)
- **End user access:** Public information layer, subscription, download and API-access (with webstore-integration)
- Independent **hosting by ISO members**

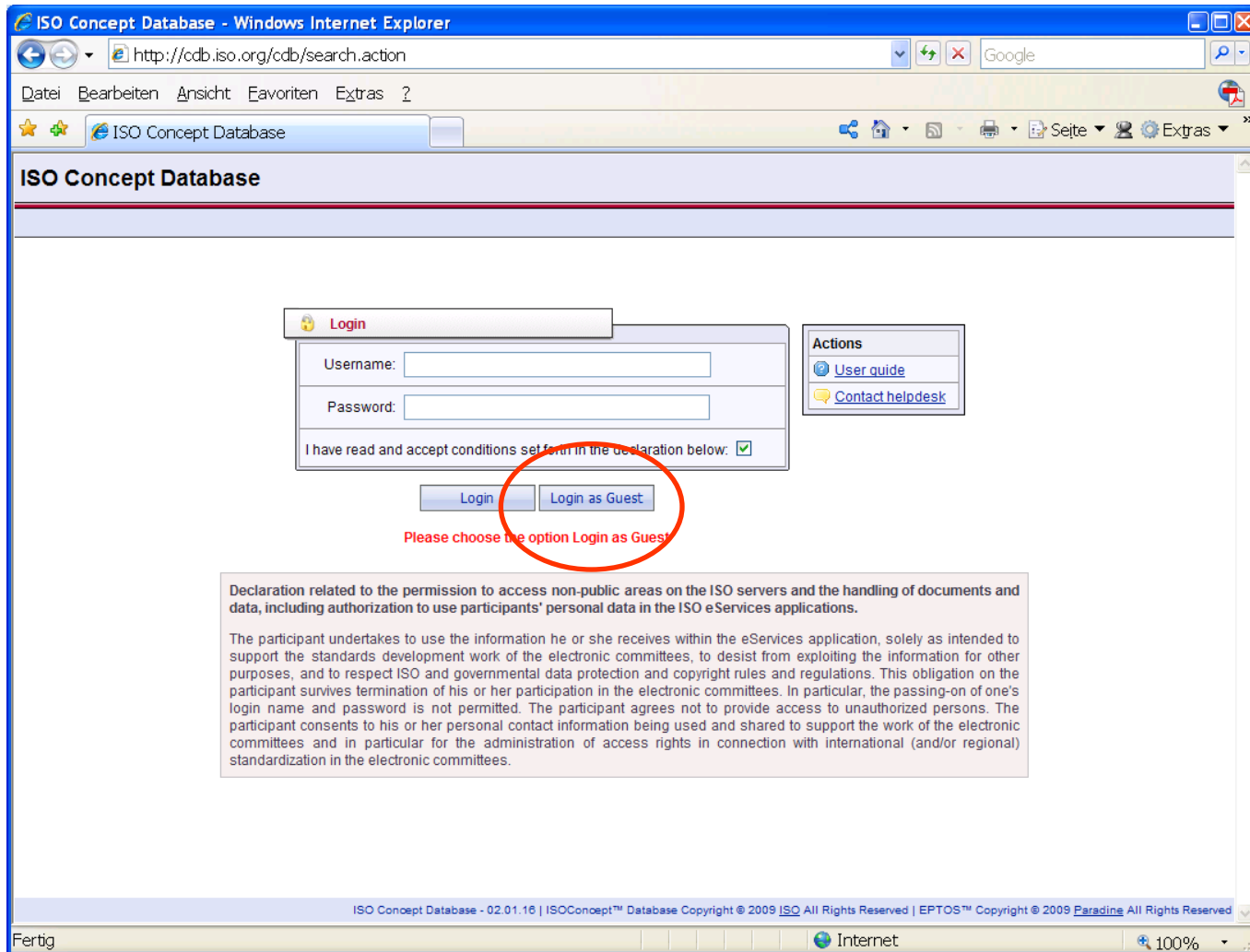


Where does ISO want to go?

- Roll-out of the maintenance workflow to production
- Integration with ISO's online sales system ("Webstore")
- Extended database procedure (development of projects from scratch: NWIP → IS)
- Product properties → Supply chain management
- Quantities and units
- Multilingual content
- New services
- Federated database "One-stop-shop"
- National hosting by ISO members



Access to ISO/CDB



ISO Concept Database - Windows Internet Explorer

http://cdb.iso.org/cdb/search.action

ISO Concept Database

ISO Concept Database

Login

Username:

Password:

I have read and accept conditions set forth in the declaration below:

Login Login as Guest

Please choose the option Login as Guest

Actions

- User guide
- Contact helpdesk

Declaration related to the permission to access non-public areas on the ISO servers and the handling of documents and data, including authorization to use participants' personal data in the ISO eServices applications.

The participant undertakes to use the information he or she receives within the eServices application, solely as intended to support the standards development work of the electronic committees, to desist from exploiting the information for other purposes, and to respect ISO and governmental data protection and copyright rules and regulations. This obligation on the participant survives termination of his or her participation in the electronic committees. In particular, the passing-on of one's login name and password is not permitted. The participant agrees not to provide access to unauthorized persons. The participant consents to his or her personal contact information being used and shared to support the work of the electronic committees and in particular for the administration of access rights in connection with international (and/or regional) standardization in the electronic committees.

ISO Concept Database - 02.01.16 | ISOConcept™ Database Copyright © 2009 ISO All Rights Reserved | EPTOS™ Copyright © 2009 Paradine All Rights Reserved

Terms list

International Organization for Standardization

ISO Concept Database

guest@iso.org
2009-11-09

Search ▾ Settings ▾ Help ▾ Logout ▾

Terms

Graphical symbols

Codes

Search by Term criteria

English ▾

Term: Wildcard ▾

Definition:

Term Type:

Normative status:

Status:

All

Published

Under development

Include cancelled and withdrawn

▸ Search by Standard / Project criteria

Search Reset

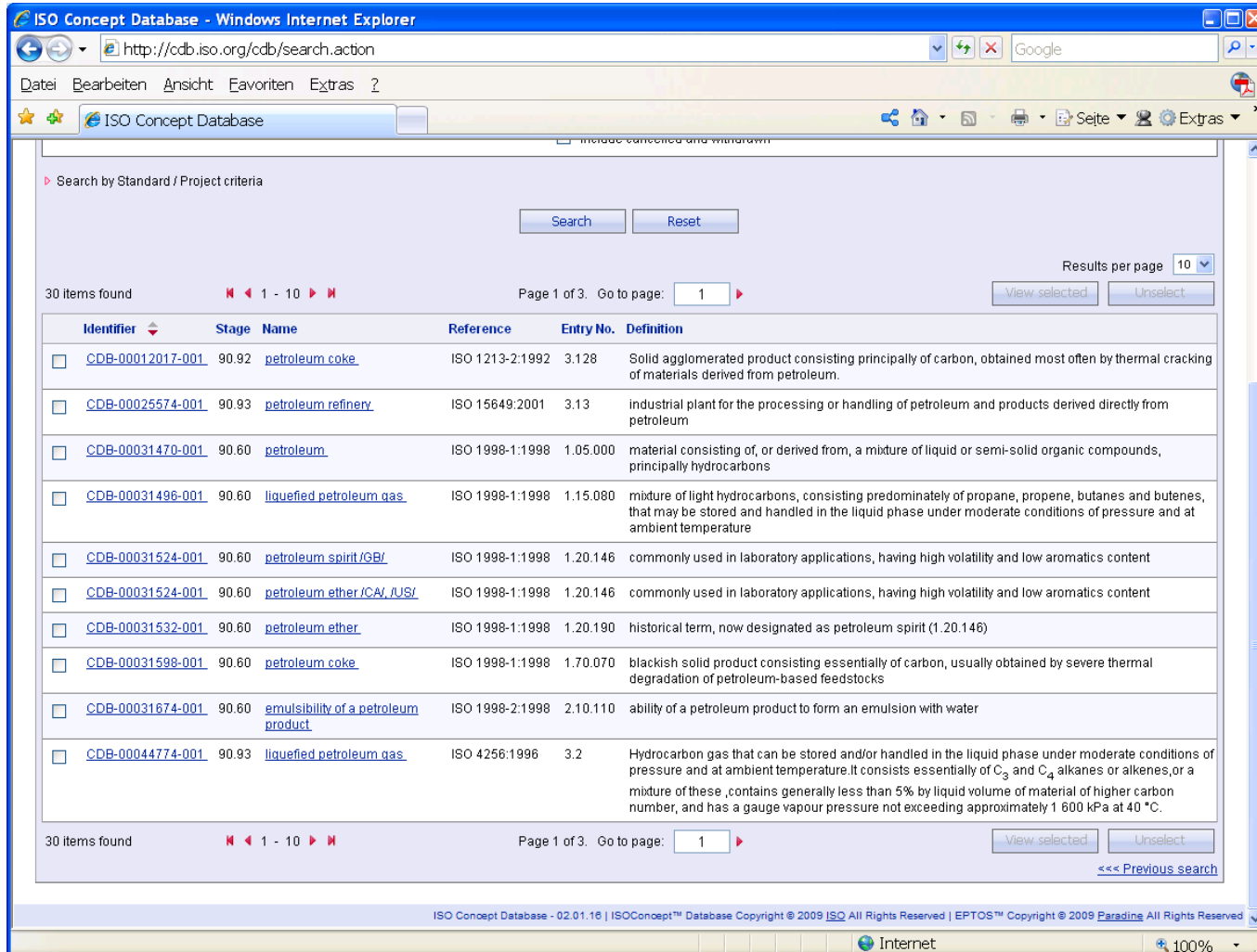
Results per page

View selected Unselect

301 items found Page 1 of 31. Go to page:

Identifier	Stage	Name	Reference	Entry No.	Definition
<input type="checkbox"/> CDB-00001532-001	90.93	environment (of the Presentation Process)	ISO/IEC 10180:1995	3.35	The aggregate of all external information available to a Presentation Process.
<input type="checkbox"/> CDB-00001533-001	90.93	Environment Identifier type	ISO/IEC 10180:1995	3.36	A type whose values include all identifiers used to identify information objects in the environment of the Presentation Process. The values of the Environment Identifier type consist of the values of the Public Identifier type, the Object Identifier type, and the Environment Name type.

Currently appr. 188.000 terms



ISO Concept Database - Windows Internet Explorer

http://cdb.iso.org/cdb/search.action

Search by Standard / Project criteria

Search Reset


30 items found Page 1 of 3. Go to page: 1 Results per page 10

Identifier	Stage	Name	Reference	Entry No.	Definition
<input type="checkbox"/> CDB-00012017-001	90.92	petroleum coke	ISO 1213-2:1992	3.128	Solid agglomerated product consisting principally of carbon, obtained most often by thermal cracking of materials derived from petroleum.
<input type="checkbox"/> CDB-00025574-001	90.93	petroleum refinery	ISO 15649:2001	3.13	industrial plant for the processing or handling of petroleum and products derived directly from petroleum
<input type="checkbox"/> CDB-00031470-001	90.60	petroleum	ISO 1998-1:1998	1.05.000	material consisting of, or derived from, a mixture of liquid or semi-solid organic compounds, principally hydrocarbons
<input type="checkbox"/> CDB-00031496-001	90.60	liquefied petroleum gas	ISO 1998-1:1998	1.15.080	mixture of light hydrocarbons, consisting predominately of propane, propene, butanes and butenes, that may be stored and handled in the liquid phase under moderate conditions of pressure and at ambient temperature
<input type="checkbox"/> CDB-00031524-001	90.60	petroleum spirit /GB/	ISO 1998-1:1998	1.20.146	commonly used in laboratory applications, having high volatility and low aromatics content
<input type="checkbox"/> CDB-00031524-001	90.60	petroleum ether /CA/ /US/	ISO 1998-1:1998	1.20.146	commonly used in laboratory applications, having high volatility and low aromatics content
<input type="checkbox"/> CDB-00031532-001	90.60	petroleum ether	ISO 1998-1:1998	1.20.190	historical term, now designated as petroleum spirit (1.20.146)
<input type="checkbox"/> CDB-00031598-001	90.60	petroleum coke	ISO 1998-1:1998	1.70.070	blackish solid product consisting essentially of carbon, usually obtained by severe thermal degradation of petroleum-based feedstocks
<input type="checkbox"/> CDB-00031674-001	90.60	emulsibility of a petroleum product	ISO 1998-2:1998	2.10.110	ability of a petroleum product to form an emulsion with water
<input type="checkbox"/> CDB-00044774-001	90.93	liquefied petroleum gas	ISO 4256:1996	3.2	Hydrocarbon gas that can be stored and/or handled in the liquid phase under moderate conditions of pressure and at ambient temperature. It consists essentially of C ₃ and C ₄ alkanes or alkenes, or a mixture of these, contains generally less than 5% by liquid volume of material of higher carbon number, and has a gauge vapour pressure not exceeding approximately 1 600 kPa at 40 °C.

30 items found Page 1 of 3. Go to page: 1

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💡 **Entry CDB--001**

Identifier	CDB--001			
Standard	ISO/IEC 10180:1995	Edition:	1	Stage: 90.60
		ICS:	35.240.30	
Committee:	ISO/IEC JTC 1/SC 34			
Entry no.	3.36			
Term	<div style="border: 1px solid #ccc; padding: 5px; margin: 5px auto; width: 80%;"> <p style="text-align: center; margin: 0;">Term type</p> <p style="margin: 0;">Environment Identifier type FULLFORM</p> </div>			
Definition	<div style="border: 1px solid #ccc; padding: 5px; margin: 5px auto; width: 80%;"> <p>A type whose values include all identifiers used to identify information objects in the environment of the Presentation Process. The values of the Environment Identifier type consist of the values of the Public Identifier type, the Object Identifier type, and the Environment Name type.</p> </div>			
Source	<div style="border: 1px solid #ccc; padding: 5px; margin: 5px auto; width: 80%;"> <p>ISO/IEC 10180:1995</p> </div>			

Symbols list

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Terms
Graphical symbols
Language codes
Country codes
Currency codes
Script codes

Search by Graphical Symbol Criteria
English ▾

Symbol type:

Registration number: **Entry number:**

Symbol title-Referent: **Type of sign:** safe condition fire safety mandatory action prohibition warning

Main field of application: workplaces public areas products **Restricted application:** yes no

Function-Use of symbol: designation of equipment operational state control connection interruption packing related instructions prompts alerts safety related

Fulltext:

▸ Search by Image Criteria

▸ Search by Standard / Project Criteria

2672 items found
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View selected

Identifier	Status	Thumbnail	Name	Standard
<input type="checkbox"/> CDB--001	PUB		Engine speed, slow, low engine speed	ISO 7000:2004
<input type="checkbox"/> CDB--001	PUB		Engine speed, fast, high engine speed	ISO 7000:2004
<input type="checkbox"/> CDB--001	PUB		Jib winch, raise/lower load, lower controls	ISO 7000:2004
<input type="checkbox"/> CDB--001	PUB		Jib, extend/retract (with winch)	ISO 7000:2004
<input type="checkbox"/> CDB--001	PUB		Jib, tilt up/down (with winch)	ISO 7000:2004

Graphical Symbols

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http://cdb.iso.org/cdb/search.action

ISO Concept Database

Search by Standard / Project criteria

Search Reset

Results per page 10


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Identifier	Stage	Thumbnail	Name	Registration number	Reference
<input type="checkbox"/> CDB-00130141-001	90.92		Emergency exit (left hand)	E001	ISO 7010:2003
<input type="checkbox"/> CDB-00130142-001	90.92		Emergency exit (right hand)	E002	ISO 7010:2003
<input type="checkbox"/> CDB-00130143-001	90.92		First aid	E003	ISO 7010:2003
<input type="checkbox"/> CDB-00130144-001	90.92		Emergency telephone	E004	ISO 7010:2003
<input type="checkbox"/> CDB-00130145-001	90.92		Direction, arrow (90° increments), safe condition	E005	ISO 7010:2003
<input type="checkbox"/> CDB-00130146-001	90.92		Direction, 45° arrow (90° increments), safe condition	E006	ISO 7010:2003
<input type="checkbox"/> CDB-00130147-001	90.92		Fire extinguisher	F001	ISO 7010:2003
<input type="checkbox"/> CDB-00130148-001	90.92		Fire hose reel	F002	ISO 7010:2003
<input type="checkbox"/> CDB-00130149-001	90.92		Fire ladder	F003	ISO 7010:2003
<input type="checkbox"/> CDB-00130150-001	90.92		Collection of fire fighting equipment	F004	ISO 7010:2003

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Entry CDB--001

Identifier	CDB--001			
Standard	ISO 7000:2004	Edition: 3	Stage: 90.60	ICS: 01.080.20
				Committee: ISO/TC 145/SC 3

Graphical Symbol



Entry no. iso7000#ISO 7000-2882
Registration number 2882
Symbol title/Referent Jib winch, raise/lower load, lower controls

Renditions

Format: application/pdf [Download](#)

Format: application/octet-stream [Download](#)

Main field of application Mobile elevating work platforms

Visual impressions

Squares	none
Polygons	none
Shields	none
Rectangles	none
Circles	none
Other shapes	none
Triangles	none
Barrels, ovals, sausage shapes	none

Function/Description To identify the controls, located at the base of the machine, to raise and lower the load (pay in/pay out) attached to the cable of the winch located at the platform.

Note(s) 1. To indicate only raising the load, delete the downward arrow. To indicate only lowering the load, delete the upward arrow.

Source ISO 7000:2004

Download of graphical Symbols

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http://cdb.iso.org/cdb/gsentry/display.action?entry=130147&language=1

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Identifier: CDB-00130147-001

Reference: ISO 7010:2003

Title: Graphical symbols -- Safety colours and safety signs -- Safety signs used in workplaces and public areas

Edition: 1 **Stage:** 90.92 **ICS:** 01.080.20; 01.080.10 **Committee:** ISO/TC 145/SC 2

Graphical symbol:



Entry no.:
Registration number: F001
Symbol title/Referent: Fire extinguisher

Available formats: **Size:** **Pixels:** **Purchase:**

Format: image/tif 1838KB 791x791 [Purchase this format](#)

Format: image/tif 55KB 624x624 [Purchase this format](#)

Type of safety sign: fire safety

Main field of application: public areas; workplaces

Format of application: Fire safety signing Fire safety manuals and notices

Image content: Front view of fire extinguisher with determinative flames


Visual impressions:

Function/Description: To signify a fire extinguisher

Note: Additional information: Supplementary text sign may be used to increase comprehension

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Workflow/Change request



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💡 **Work Package for Change Requests**
✔ Submit work package for processing

Work Package Information

[Edit](#) [Delete](#)

Title ISO 12620 - Maintenance

Justification ISO 12620 contains many terms that need updating.

Related Standard ISO 12620:1999

Committee

Status 00.00

Proposer Weissinger, Reinhard Mr. (ISO) [✉](#)

Change Request Information

Type Modification

Title


Description

Concept + Link

Attachment + Add

✔ Save
✘ Cancel

Workflow/Overview
















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 **WPs for evaluation - Stage: 10.00**

Name	Justification	Proposer	CRs	Status	Action
Change of Scope	Needs to be modified	Secretary, First Mr. (Paradine) 	2	10.00	
ISO 7944 #2	reason	Leitner, Elisabeth Mrs. (Pforzheim) 	0	10.00	
Modification to ISO 10241	Standard needs to be updated	Secretary, First Mr. (Paradine) 	2	10.00	
revision of ISO 1087-1	some of the terminology has changed over the years	Erdman Thomsen, Hanne (Copenhagen Business ...) 	1	10.00	
rok 2nd new safety sign proposal ISO7010	This safety sign/safety message is needed.	Rosenkranz-Wuttig, Angela Mrs. (DIN) 	1	10.00	
rok 3rd new safety sign proposal ISO7010	This safety sign/message is needed.	Rosenkranz-Wuttig, Angela Mrs. (DIN) 	1	10.00	
RW_CRs related to SO 13584	Needs XML!	Pierra, Guy M. (AFNOR) 	2	10.00	
Six symbols for road vehicles	Six new symbols for motorcycles are required by ISO/TC 22/SC 22. The symbols will be included in ISO 6727 and have been submitted for registration and publication in ISO 7000.	Brigham, Fred (BSI) 	7	10.00	
strange	test of the System of change requests	Hövel, Albert Mr (DIN) 	4	10.00	
Updates from -104xx	Addition of new terms from -104xx PHD specialization standards	Reynolds, Melvin Mr. (AMS Consulting) 	2	10.00	
withdraw the standard	reason: no longer needed	Leitner, Elisabeth Mrs. (Pforzheim) 	1	10.00	
Zu Hause ist es möglich	reason - we dont know	Hövel, Albert Mr (DIN) 	3	10.00	

The background features a blue-toned image with several interlocking gears of varying sizes. On the left side, a bundle of fiber optic cables is shown, with light rays emanating from a central point, creating a sense of depth and connectivity. The overall aesthetic is technical and modern.

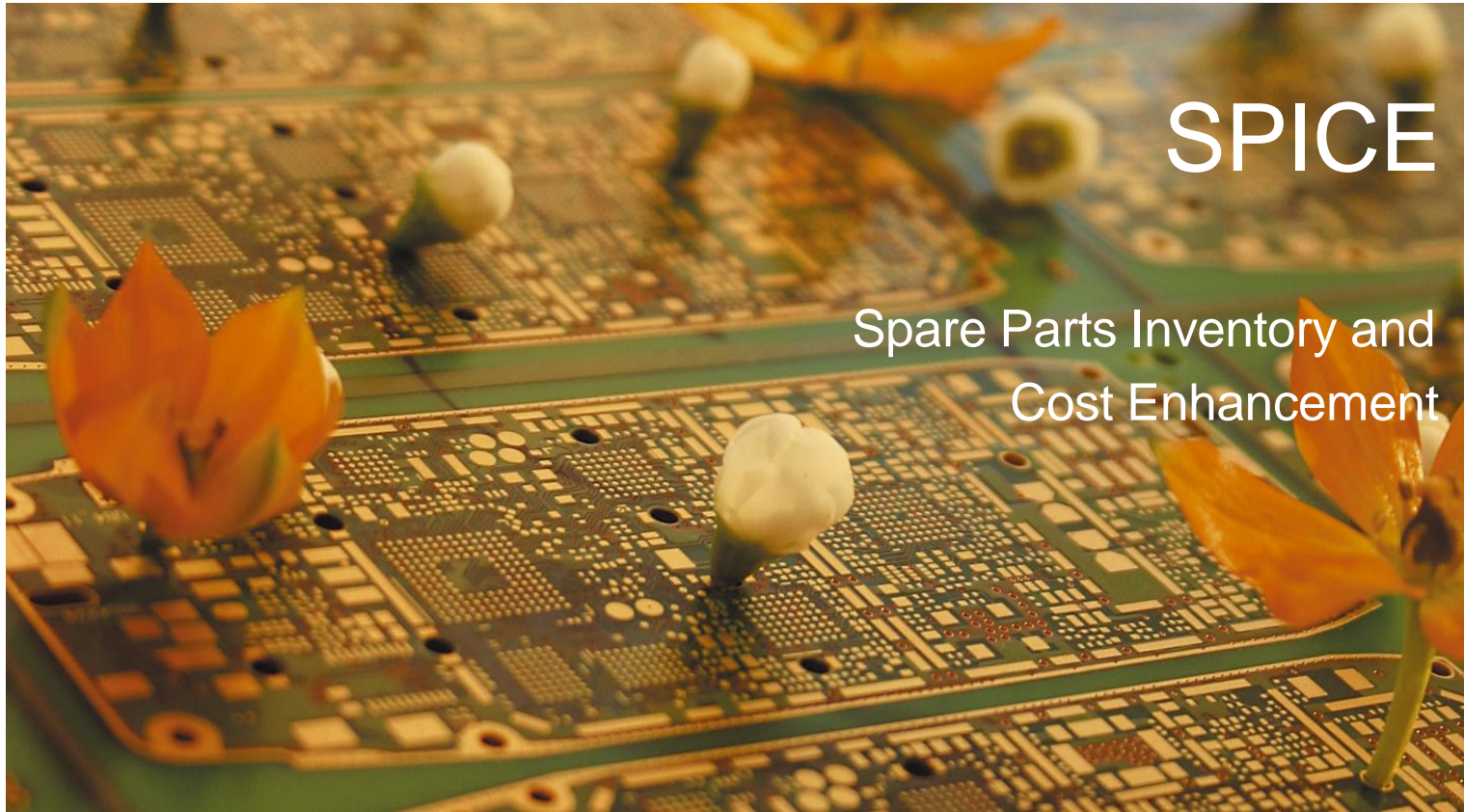
PARADiNE

Benefits?

A real implementation at:

AT&S

Europe – China – India - Korea



SPICE

Spare Parts Inventory and
Cost Enhancement

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Smart Phones/PDA`s



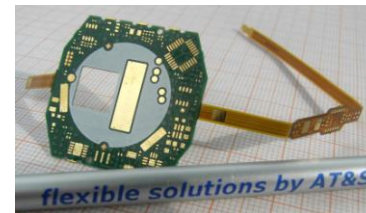
Mobile Phones



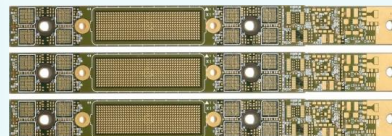
Turbo Charger Control



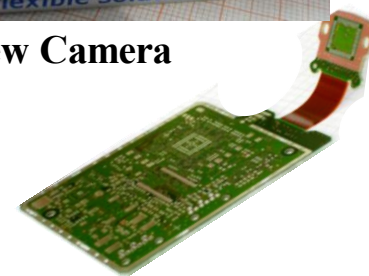
Sports Watch



Magnet Resonance Imaging



Rear View Camera



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Aktiengesellschaft



Leoben-Hinterberg: ~930 people



Vienna, Headquarters: ~65 people



Shanghai: ~3,080 people



Fehring: ~380 people



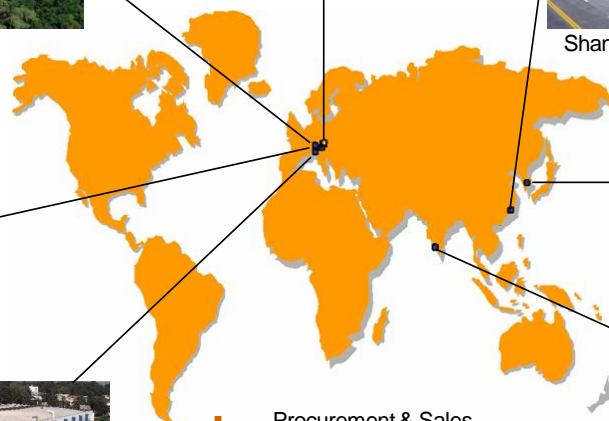
Klagenfurt: ~110 people



Ansan-S.Korea: ~275 people



Nanjangud -India: ~620 people



- Procurement & Sales Office in **Hong Kong**
- Design Centers: **India and Germany**
- 16 Sales Offices **worldwide**

www.ats.net

- Existing spare parts were not found (especially across locations)
- Multiple parts applied
- No tenders on spare parts were possible
- In case of missing (or not found) spare parts - long delivery times were probable

➔ Potential production down time!



Status End of 2007

- 32.000 part numbers
- About EUR 7 Mio. spare parts on stock
- 1500 suppliers
- Spare parts search in storage
- 40 „irrelevant“ classes
- Duplicates and „special parts“
- Tenders for spare parts not possible
- Procurement allots spare parts

Today

- 20.000 part numbers
- about EUR 5,6 Mio. spare parts on stock
- < 800 suppliers
- Identification of spare parts in SAP system
- 289 „eCl@ss“ classes
- Spare parts consolidation and mandatory control of properties
- Tendering via „eCl@ss“ groups possible
- Maintenance allots spare parts

Lessons learned

- Worldwide collaborative online development of multilingual and reliable content based on standards
- Multilingual structured content will be high quality data for supporting translation and localization work
- Availability of reliable meta data (terminology, product properties, graphical symbols,...) is a key factor for security of investments

Standardization in content reduces the complexity of localization processes



Further Informationen ISO/CDB

- Free of Charge read only use (guest-user):
<http://cdb.iso.org>
- Online-Tour:
http://www.iso.org/iso/demo_ISO-CDB.html
- Documentation:
http://isotc.iso.org/livelink/livelink/fetch/2000/2122/5156198/8422698/ISO_Concept_Database_User_Guide.pdf?nodeid=8421449&vernum=0

Other interesting links

- DIN Property Dictionary
www.DINsml.net
- eCI@ss Service Portal
www.eclass-serviceportal.com
- Paradine GmbH
www.paradine.eu



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