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## **eCI@ss - The product**

### **eCI@ss-Release 7.0 published on 15th February 2011**

- **Largest expansion of the standard so far**
- **First standard worldwide according to ISO / IEC data model**
- **Provision of data now available via XML**

The new eCI@ss release 7.0 was published 2011 in the download portal on 15<sup>th</sup> of February. It includes significant enhancements to the existing segments and the harmonization of industry standards ETIM and proficl@ss as well as complete data integration of the PROLIST standard.

In addition, three new segments have been developed:

- **Logistics (Service), (Segment 14)**
- **Maintenance (Service), (Segment 15)**
- **In-Vitro Diagnostic, (Segment 42)**

Therefore the logistics- and maintenance services have been moved and reorganized into own segments. The talking service keys on third hierarchy level (95, 96, 97, 98 and 99) have been resolved and the segment 25 has been renamed to "General Service". Based on this, more specific segments for services will be set up in the future.

With this, the eCI@ss standard was developed and structurally improved in a substantial manner. The improvements of the release 7.0 concern, among other things, the following industries / segments:

- **Electric engineering, automation, process control engineering (Segment 27)**
- **Medicine, medical technology, life science (Segment 34)**
- **Manufacturing facility, workshop equipment, tool (Segment 21)**
- **Machine element, fixing, mounting (Segment 23)**
- **Information, communication and media technology (Segment 19)**
- **Home economics, Home technology (Segment 29)**

### Overview quantity structure eCI@ss Release 7.0

SG	eCI@ss segments as of release 7.0	Classes	Porperties	Values	Keywords
14	Logistics (Service)	459	35	33	129
15	Maintenance (Service)	1.259	16	35	122
16	Food, beverage, tobacco	229	17	0	9
17	Machine, device (for special applications)	438	106	39	13
18	Equipment f. mining, metallurgical plant, rolling mill a. foundry	341	17	0	9
19	Information, communication and media technology	1.060	1.356	2.737	1.932
20	Packing material	804	130	603	192
21	Manufacturing facility, workshop equipment, tool	2.520	2.924	4.761	1.630
22	Construction technology	1.835	529	1.394	2.585
23	Machine element, fixing, mounting	1.882	1.272	6.095	604
24	Office product, facility and technic, papeterie	1.828	1.625	2.316	8.142
25	General service	1.479	102	138	1.692
26	Energy, extraction product, secondary raw material and residue	266	17	0	362
27	Electric engineering, automation, process control engineering	3.472	6.006	15.128	8.241
28	Automotive technology	209	51	23	323
29	Home economics, Home technology	409	838	1.615	348
30	Auxiliary supply, additive, cleaning agent	1.286	53	285	2.662
31	Polymer	726	17	0	809
32	Laboratory material, Laboratory technology	1.264	372	1.223	3.337
33	Installation (complete)	471	17	0	115
34	Medicine, medical technology	3.632	1.610	2.841	1.779
35	Semifinished product, material	267	174	513	531
36	Machine, apparatus	1.819	2.549	746	525
37	Industrial piping	537	309	296	421
38	Inorganic Chemical	1.464	71	689	4.000
39	Organic Chemical	5.386	71	689	15.143
40	Occupational safety, accident prevention	626	541	1.628	404
41	Marketing	415	17	0	77
42	In-vitro diagnostic	1.492	15	206	62
		37.879	15.937*	19.324**	57.152

\* Total number of properties, multiple usage in SG

\*\* Total number of values, multiple usage in SG

A total of more than 5,000 new classes, 5,600 new keywords and more than 6,000 new properties are available for the industry-wide classification and description of their products. In addition there have been far-reaching restructuring and changes to the existing structural elements that contribute to an enormous improvement of the classification.

To download the files, please use the eCI@ss-DownloadPortal.

[Continue to the DownloadPortal...](#)

Of course helpful mapping tables and / or services for possible updates of already implemented eCI@ss versions are offered.

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## First standard worldwide according to ISO / IEC data model

To ensure unrestricted exchange of product information, and to avoid multiple work, product description must base on a single method of the data model. The only internationally standardized data model is the standards ISO 13584-42 and IEC 61360-2, which is published in Germany as DIN EN 61360-2.

With Release 7.0 eCl@ss pursues the consistent implementation of the ISO data model. In its structure and content (classes, properties, value lists) eCl@ss is the only international standard classification based on a standard-compliant data model in accordance with ISO 13584 / IEC 61360.

As part of the integration of ETIM and proficl@ss into the eCl@ss standard, these standards are also taken into account, whereby the international usage of the project results is assured.

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## Provision of data now available via XML

From end of February 2011, the eCl@ss standard is available in two different export formats after the 7.0 release. In the usual CSV export format, the eCl@ss-standard consists of eight CSV files, which can be processed and implemented with Office programs such as MS-Excel and MS-Access.

For automated data processing, the eCl@ss-standard will be available as additional export in the OntoML format by end of February. The eCl@ss export format OntoML is an ISO-standardized XML format for product data exchange. The specification is published in ISO 13584-32:2010 on <http://www.iso.org>.

With this specification a consistent and comparable structure for the exchanged data in communication between machines is provided. Thus, two export formats for processing and implementation of the eCl@ss-standard are available.

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## Modified pricing for eCI@ss-licenses

In recent years eCI@ss has evolved to one of the most important and widely spread standards for the classification and description of products and services. With this the eCI@ss association provides a "tool" for eBusiness and product data management to the entire economy. With its application, extensive benefits can be achieved by each company.

The development of the standard and the demand for new content has increased greatly, whereby increasing particularly the requirements for quality and sustainability significantly.

With the new, modified pricing model of eCI@ss, all eCI@ss-users share, for example by license fees, the costs of further development, internationalization and standardization of eCI@ss. The modified pricing model is differentiated by company size and thus takes into account the individual, economic performance of the eCI@ss users.

On request of eCI@ss users the former release- and licensing model was designed considerably clearer. Important result of the simplification is the omission of the differentiation in price between major and minor release. A new addition is the Concordance license, which includes all published eCI@ss versions of a language. The fee for all companies with fewer than 250 employees has been reduced. Due to expiration of the funding by the Federal Ministry of Economics and Technology, the privilege for German SMEs is no longer applicable. The valid price list is available in the annex or via the download portal.

**eCI@ss members still receive free eCI@ss versions.** For more information and special regulations for service- and application-providers are available on our DownloadPortal.

[Continue to the DownloadPortal...](#)

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## eCI@ss - The Organization

### New eCI@ss members

We are pleased to welcome two new members within the eCI@ss association:

**KAISER+KRAFT**  
EUROPA

**Kaiser+Kraft Europa GmbH**  
[www.kaiserkraft.de](http://www.kaiserkraft.de)

**KAISER + KRAFT is Europe's leading B2B mail order company for office, operating- and storage facilities.**



**Carl Zeiss AG**  
[www.zeiss.de](http://www.zeiss.de)

**Carl Zeiss AG is a global leading company in the optical and opto-electronic industry.**

Currently a total of 108 members are involved within the eCI@ss association.

[Additional information regarding the benefits of the membership within eCI@ss e.V. ...](#)

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## Cooperation agreement with federal state of North Rhine-Westphalia

**The federal state of North Rhine-Westphalia and the eCI@ss association agree to cooperate on the use of eCI@ss in the public procurement.**

The eCI@ss association and the federal state of North Rhine-Westphalia (NRW) decided on collaboration in a joint cooperation agreement. The aim is the use of eCI@ss in electronic procurement processes in NRW, as well as the content development of eCI@ss for the procurement needs of NRW.

In line with concentration of procurement, the so-called lead-buyer model is used in the national administration. In this process a federal institution centrally tenders the needs for a specific product group for the whole state administration. The results of the tender are placed in a central catalog. With this catalogue, the procurement offices of the federal administration can order directly from the supplier. Since the catalog provides the possibility to restrict products to certain user groups, it is the aim, to use this catalog for specific needs of certain departments.

The federal state of NRW intends to use eCI@ss for both the specification of products as part of the tender as well as for the classification of catalog data for future orders from framework agreements.

The agreement has great national importance, because it was decided, for the first time, to cooperate with an industry supported standard development association regarding public procurement. Basis for this is the extension of the eCI@ss-standard by the requirements of public procurement.

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