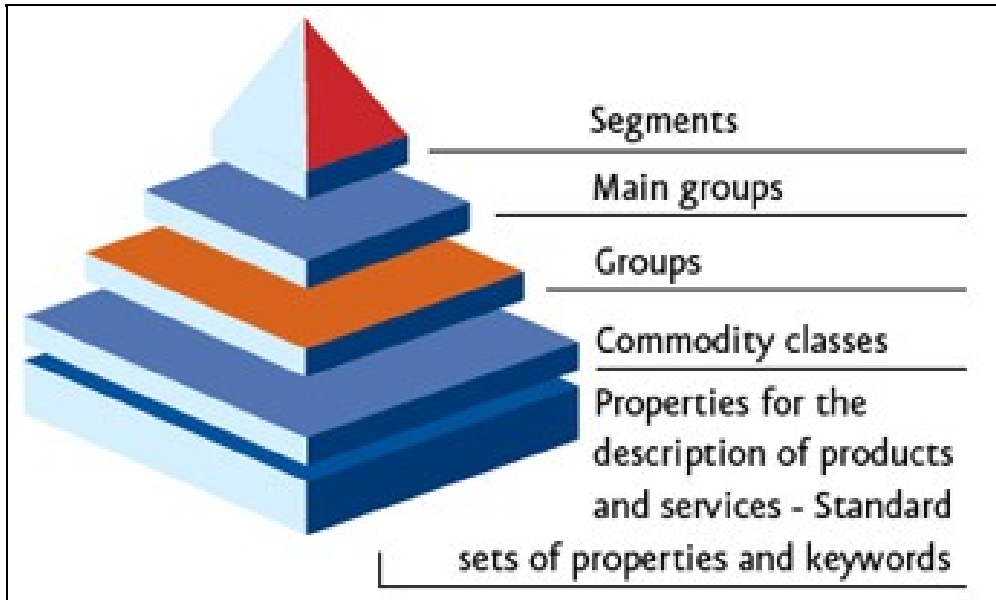


## Main Page



**eCl@ss** is a hierarchical system for grouping materials, products and services according to a logical structure with a level detail that corresponds to the product-specific properties that can be described using norm-conforming properties.

Products and services can be allocated to the four-stage, numeric eCl@ss class structure.

Search terms and synonyms permit targeted sourcing of products and services within the classification.

Property bars with standardized properties and value tables enable accurate description and subsequent identification of products and services.

eCl@ss is offered for downloading in several languages by logging on to <http://www.eclassdownload.com>

### Welcome to the eCl@ss WIKI

The eCl@ss WIKI gives you the possibility to find information about eCl@ss:

- Our [eCl@ss explanation videos](#) (English and German version, BASIC and ADVANCED) explain eCl@ss quickly and easily.
- The eCl@ss image brochure is now available in [English/German/French](#) to give you some first impressions.
- To show you examples on how the eCl@ss members use the standard, the Best Practice Brochure is now available in [German](#) and [English](#).
- For information regarding eCl@ss and its importance for industry 4.0 please have a look at our eCl@ss-Whitepaper "Industrie 4.0" in [German](#), [English](#) and [Chinese](#).
- The common Whitepaper of eCl@ss and AutomationML you can download [here](#)
- Use the links below to explore the site contents or the search function on the left. Please note that the primary documentation language is English.
- For inquiries or comments concerning the eCl@ss WIKI please contact us: [wiki@eclass.de](mailto:wiki@eclass.de)

## Description of the standard



## Development of the standard



- Products
- Known Bugs
- Structure and structural elements

## eCl@ss Support



- Rules and standards
- The Release Process
- Using the Content Development Platform

## eCl@ss Community



- eCl@ss IT Service Providers
- User information
- Implementor Information
- FAQ

## eCl@ss in a nutshell

What can I get?	What is it good for?	Where can I get it?	Who can support me?	More information
eCl@ss classification system	To classify and describe product data in a standardized way.	Download it in the <a href="#">eCl@ss-Downloadportal</a>	Purchasing, general questions, maintenance, starter consultancy: <a href="#">eCl@ss head office (info[at]jeiclass.eu)</a> , the general wiki page <a href="#">Category:eCl@ss_Support</a> . Implementation support: <a href="#">eCl@ss IT-ServiceProviders</a>	<a href="#">Demo Version</a> , <a href="#">Product list</a> , <a href="#">Deliverables list</a> , typical use cases.
Basic vs. Advanced Versions	The Advanced version enables to group product properties into dynamic blocks with properties being dependent of other properties. The Basic version is the classic version since 2001.	Download it in the <a href="#">eCl@ss-Downloadportal</a>	Info on the Advanced version: <a href="#">here</a> , Implementation support: <a href="#">eCl@ss IT-ServiceProviders</a>	<a href="#">Demo Version</a> , <a href="#">Product list</a> , <a href="#">Deliverables list</a> .
Change Requests	To maintain the eCl@ss classification system (enhance, edit, re-structure) and continuously improve its quality.	Create and submit change requests in the <a href="#">eCl@ss-ContentDevelopmentPlatform</a>	Info on change requests: <a href="#">here</a>	<a href="#">CDP Wiki Manual</a> , <a href="#">Maintenance Process</a> , <a href="#">All Structural Elements</a> .
BMEcat guideline	Supports the use of the eCl@ss standard in the BMEcat catalogue exchange format.	Wiki page <a href="#">BMEcat</a>	General questions: <a href="#">eCl@ss head office (info[at]jeiclass.eu)</a> , the general wiki page <a href="#">Category:eCl@ss_Support</a> . Implementation support: The <a href="#">eCl@ss IT-ServiceProviders</a>	<a href="#">BME</a>
GS1XML guideline	Supports the use of the eCl@ss standard in the GS1XML exchange format.	Wiki page <a href="#">GS1XML</a>	General questions: <a href="#">eCl@ss head office (info[at]jeiclass.eu)</a> , the general wiki page <a href="#">Category:eCl@ss_Support</a> . Implementation support: The <a href="#">eCl@ss IT-ServiceProviders</a>	<a href="#">GS1 Website</a>
Templates	An eCl@ss template is a bilaterally agreed data specification. It defines which data from the dictionary shall occur in transactional data (messages) or catalogs and how this data is expected to be presented.	Included in XML export formats (BASIC and ADVANCED).	Implementation support: The <a href="#">eCl@ss IT-ServiceProviders</a>	<a href="#">Templates</a>
Upgrade support: Mapping tables BASIC ( <a href="#">Release Update Files</a> , RUF)	To identify changes from one eCl@ss <a href="#">MajorRelease</a> to the one before (BASIC version, csv).	Download it in the <a href="#">eCl@ss-Downloadportal</a>	Purchasing, general questions, maintenance, starter consultancy: <a href="#">eCl@ss head office (info[at]jeiclass.eu)</a> , the general wiki page <a href="#">Category:eCl@ss_Support</a> . Implementation support: <a href="#">eCl@ss IT-ServiceProviders</a>	<a href="#">Product list</a> , <a href="#">Deliverables list</a> .
Upgrade support: <a href="#">Transaction Update Files</a> , TUF	To semi-automatically upgrade valued productive data from a previous eCl@ss release to a later eCl@ss release (BASIC and ADVANCED versions, XML).	As a member, download it in the <a href="#">eCl@ss-Downloadportal</a>	General questions: <a href="#">eCl@ss head office (info[at]jeiclass.eu)</a> , the general wiki page <a href="#">Category:eCl@ss_Support</a> . Implementation support: The <a href="#">eCl@ss IT-ServiceProviders</a>	<a href="#">Product list</a> , <a href="#">Deliverables list</a> .
Upgrade support: <a href="#">Classification Update File</a> , CUF	To semi-automatically upgrade changed classes from a previous eCl@ss release to a later eCl@ss release (BASIC and	As a member, download it in the <a href="#">eCl@ss-Downloadportal</a>	General questions: <a href="#">eCl@ss head office (info[at]jeiclass.eu)</a> , the general wiki page <a href="#">Category:eCl@ss_Support</a> . Implementation	<a href="#">Product list</a> , <a href="#">Deliverables list</a> .

Upgrade support:  
[Structure Difference  
File, SDF](#)

ADVANCED versions, XML).

To automatically identify changed elements  
in a later eCl@ss release (BASIC and  
ADVANCED versions, XML).

As a member, download it in the  
[eCl@ss-Downloadportal](#)

support: The [eCl@ss IT-ServiceProviders](#)

General questions: eCl@ss head office  
([info\[at\]eclass.eu](mailto:info[at]eclass.eu)), the general wiki page  
[Category:eCl@ss Support](#). Implementation  
support: The [eCl@ss IT-ServiceProviders](#)

[Product list,  
Deliverables  
list.](#)