e-proCAT – Electronic Catalogs and Classification Software

Electronic Catalogs in:
BMEcat, GS1 XML, IDEA XML

Classification:
ETIM, ECLASS, UNSPSC, GPC

Product communication with class
www.e-pro.cat

Content

01

Are you looking to create, review and manage electronic catalogs in BMEcat, GS1 XML or IDEA XML formats as easily as possible? With our catalog solution e-proCAT these challenges become child's play.

e-proCAT enables you to create electronic catalogs according to BMEcat, GS1 XML oder IDEA XML to meet the requirements of your business partners. Profit from the almost unlimited possibilities of catalog management to fully automatic catalog creation.

Regardless of what you would like to do with your electronic catalogs, e-proCAT provides you with universal support for all your challenges:

» Classification of product data according to ECLASS, ETIM, UNSPSC, GPC, etc.

» Creation of electronic catalogs in BMEcat and GS1 XML format

» Checking electronic catalogs in BMEcat, GS1 XML, IDEA XML formats

» Check classifications (incl. characteristics): ECLASS, ETIM, UNSPSC, GPC etc.

» Convenient management of electronic catalogs and product data

» Reliable comparison of electronic catalogs (e.g. of catalog versions 2022 vs. 2023)

» Import and export of electronic catalogs for digital marketplaces

» E-procurement support for the realization of digital procurement processes

02

Software Solution

for electronic catalogs &
product data classification

Electronic Catalogs

e-proCAT is your software solution for all processes around your electronic catalogs:

» Fast and automatic creation of catalogs

» Create partial catalogs or mix different catalogs

» Import and export electronic catalogs, i.e. for digital marketplaces

» Conveniently maintain fields and characteristics and make use of the simple mass processing of product data in electronic catalogs

» Edit catalogs and make customer-specific adjustments (prices, delivery times, etc.)

» Check & validate electronic catalogs for errors and correct them reliably

» Check with MIME Management whether each article is linked to the correct product image

» Use flexible import/export formats for import and export (CSV, Excel, txt, dat, BMEcat etc.)

» Automatic classification and feature recording

» Support of all common classification systems and releases for easy reclassification

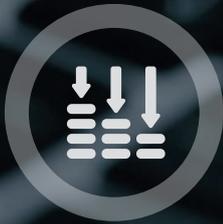» Convert complete electronic catalogs from BMEcat 1.2 to BMEcat 2005 and vice versa simply at the push of a button

Product data classification

e-proCAT is your software solution for all processes around your product data classification:

» Classify: Search and find classes

» Reclassify: Between standard releases or e.g. from ECLASS to UNSPSC

» Record characteristics: Fill product features

» Check: Check for correct classifications

» Electronic catalogs: integrate ECLASS e.g. into BMEcat

» Edit: Adapt classifications and product groups

» Convert: Classify entire product groups according to desired standard

» Plain text: Convert IDs to plain text

03

Benefits

e-proCAT Benefits

01. Faster Edit and review even millions of product data sets in minutes

02. More visible Make your products easier to find through error-free, target-system conform electronic catalogs
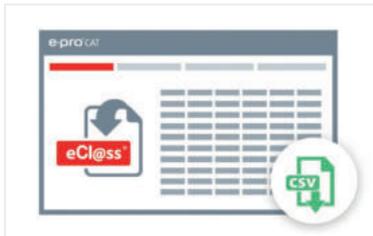
03. More efficient Increase your productivity and efficiency in e-business through automated processes

04. Lower costs Reduce your costs for product data and catalog management significantly

05. Safer Enable consistent product data through detailed error analysis

06. More successful Use more sales channels for your e-business activities (Omnichannel) and thereby increase your sales opportunities.

04
Versionen

e-proCAT CLASSIFIER
Classification made easy!

The license for users of ECLASS or UNSPSC. The export function is CSV.

e-proCAT GO
Go and get started!

Our GO version is the cost-effective license for easy BMEcat catalog creation, editing and validation.

e-proCAT CLASSIC
Our Classic!

Advanced BMEcat management. Mix catalogs, create sectioned catalogs, manage prices. And much more!

e-proCAT PROFESSIONAL
Our Topseller!

The license that covers everything! All formats, all classes. Includes feature capture. For manufacturers from the electrotechnical industry, HVAC or construction and fittings industry a must!

General information about e-proCAT versions

No matter which license you need, the conditions remain the same:

» Entitlement to any new version without any additional and shipping costs

» free telephone support:

  • Mo. - Thu. 9.00-12.00 and 13.00-17.00

  • Fr. 9.00-12.00 und 13.00-15.00 Uhr

» all new formats/classifications are automatically sent or made available free of charge via download, as long as they are available to e-pro

» first term starts at date of purchase until 31.12. of the following year, thereafter always 1 calendar year

» Termination three months before expiration

» first payment due upon purchase of the software for the term from the date of purchase to 31.12. of the current year, subsequent invoices on an annual basis

04.1

CLASSIFIER

Fast and simple classification of your articles.

e-proCAT CLASSIFIER is the license for all those who want to classify - regardless of the catalog exchange format.

Import unlimited data

» Import all your data via BMEcat 1.2 or 2005
» Import all your data via CSV, TXT, DAT
» Import your product group structures
» adjustable encoding for import and export
» Import mappings can be saved
» multiple import fields can be created on DESCRIPTION_ LONG be interlinked
» Import can be extended by default values

Unlimited Classifying

» fast pre-classification of large data volumes via commodity groups
» Pre-classification based on suggestions of:
  • the product group/class ID
  • the product group/class name
  • the article in the product group/class
» Classification of your data in any ECLASS- or UNSPSC-releases using suggestions from phonetic search
  • automatic classification based on set rules
  • automatic classification based on self-defined rules
  • Class number display can be changed
» own commodity group system storable as a classification system

» Classification system can be imported from CSV or as an XML
» Conversion of class IDs as plain text for CSV export
» Multiple classification of an article in the same classification system
» Reclassification from one classification to another (e.g. ECLASS according to UNSPSC)
» Recoding of Commodity groups

Checking the classification

» Inspection according to the desired classification system (i.e. checking for correct ECLASS or UNSPSC-ID)

Export data

» Inspection according to the desired classification system (i.e. checking for correct ECLASS or UNSPSC-ID)
» Storing the enriched catalog as BMEcat
» CSV export with the following information: ID of the article, Name/short description, detailed description, Classified to, group name, group ID, group ID from the catalog, rank order in the group
» CSV export with all classification levels (in ECLASS: subject area - main group - group - subgroup)

Note: ECLASS features can not be captured with e-proCAT CLASSIFIER.
These functions are available with the version e-proCAT Professional.

GO

Catalog creation and editing

e-proCAT GO is the license for easy creation, editing and validation of BMEcat catalogs. Just get going!

Creating Catalogs

» BMEcat 1.01, 1.2 and 2005
» automatic creation of catalogs only through CSV, TXT and DAT, import multiple simultaneously
» Import of commodity group structures
» adjustable encoding for import and export
» Import fields can be used several times
» multiple import fields can be linked to DESCRIPTION_ LONG and REMARKS
» Import can be supplemented by default values
» Import and export mappings can be stored
» Derivative-independent mapping management
» Creation of catalog profiles

Editing and Updating Catalogs

» Updating data of existing catalogs via CSV
» Create and modify catalog structures
» Moving of catalog group including articles to a different catalog group
» editing large amounts of data like Excel: Search and replace throughout all articles
» CSV export from mass editing data based on the selection of columns and lines
» Direct link from error report to the article or into mass editing data
» automatically inserts commas in numeric fields by replacing a point - also in characteristic values

Checking Catalogs

» Inspection with the selected BMEcat derivative
» Inspection with selected classification system
» Inspection based on characteristics

Other functions

» Display number of the articles in the catalog
» Display product data with a product picture in an extra tab
» remove invalid article references
» filter for the articles in the CSV-Export
» Output of data e.g. in UTF-8, ISO-8859-1, ISO-8859-2 and more

Note: The BMEcat transactions T_UPDATE_PRODUCTS and T_UPDATE_PRICES cannot be executed with e-proCAT.

04.3

CLASSIC

Functional advantage of e-proCAT GO
Extended commodity groups and catalog management

e-proCAT CLASSIC is the license for everyone who wants to classify to ECLASS or UNSPSC, regardless of the catalog exchange format. e-proCAT CLASSIC offers all functions of the e-proCAT GO as well as the following extensions:

Extended Catalog Management

» Parallel import through ODBC, Access, ASCII, CSV, TXT, DAT

» Price exchange on all levels through factoring or by list

» Merging BMEcat catalogs

» Management of customer-specific sub catalogs through assortment creation from the main catalog in accordance with the:

  • Input of article numbers or number ranges from - to

  • Part number lists or CSV lists from your ERP system

  • Classification numbers - e.g. export only ECLASS 40-01-12-02

  • Commodity groups

  • various filters (e.g. „contains printer cartridge", „begins with", „is equal to", „greater/less than", etc.)

» Delete catalog structure – non structured articles remain in the catalog

» Complement article data via the EAN number or the manufacturer article number

» Action data processing

  • Truncate and convert data formats or replace symbols

» Value table mappings can be created manually (multiple) and through CSV for import

Automated catalog creation

» Batch operation, including

  • Batch new catalog in BMEcat

  • Batch replacing existing data e.g. update price

  • Batch CSV exports

  • Batch mime data management

  • Batch sub catalogs

  • Checking batch Catalog

Image management

» Selection of the MIME file belonging to the sub-catalogs

» Full test report

» Delete links without a matching MIME file

Other functions

» Generation of product data sheet as PDF (incl. energy efficiency data sheet)

» multiple CSV export with selection of additional columns: DESCRIPTION_SHORT, DESCRIPTION_LONG, SUPPLIER_ALT_AID, EAN, MANUFACTURER_AID, MANUFACTURER_TYPE_DESCR

Note: The BMEcat transactions T_UPDATE_PRODUCTS and T_UPDATE_PRICES cannot be executed with e-proCAT.

PROFESSIONAL

Functional advantage of e-proCAT ADVANCED
Automatic attribute acquisition, GS1 XML and IDEA XML

e-proCAT PROFESSIONAL offers all the functions of e-proCAT CLASSIC & CLASSIFIER as well as the following extensions:

Feature recording

- » automatic feature extraction with regular expressions
- » Feature recording shows two feature systems side by side with editing function
- » automatic characteristic transfer and value conversion (example: meters in millimeters) based on standardize or user-defined rules
- » Add or remove units in characteristics
- » fill empty characteristics with standard values/characters
- » Export characteristics as CSV
- » Export characteristics by name as CSV
- » Batch mode:
  - Batch automatic feature filling
  - Save batch as GS1 XML or IDEA XML

GS1 XML CIN 2.3

- » Mapping your data to GS1 XML 2.3 CIN – the currently required format for master data exchange in the Healthcare
- » Catalog check for the current format
- » Export as GS1 XML

IDEA XML

- » Mapping your data to IDEA XML
- » Classification of the data according to UNSPSC with electrotechnical features
- » Export as IDEA XML

Note: The BMEcat transactions T_UPDATE_PRODUCTS and T_UPDATE_PRICES cannot be executed with e-proCAT.

Classification

Classification

License through the ECLASS e.V. (Cologne):
- All ECLASS releases

Receive via e-pro:
- Alle ETIM-Releases

English UNSPSC releases:
- UNSPSC-5.01 UNSPSC-5.03 UNSPSC-6.11 UNSPSC-7.04 UNSPSC-7.09
- UNSPSC-8.04 UNSPSC-8.1 UNSPSC-9.0 UNSPSC-11e UNSPSC-13.1

German UNSPSC releases:
- UNSPSC-6.03 UNSPSC-7.09

List of Target systems / Data exchange formats

AUDI | BEWAG | BMEcat-1.01 | BMEcat-1.2 | BMEcat-2005 | BMEcat-1.01-ETIM1.02 | BMEcat-1.2-ETIM1.2 | BMEcat-2005-ETIM4.0 | BerlinerWB | CLAAS1.0 | click2procure | Siemens | Bosch | Continental AG | COVISINT | Deutsche Bank | DP Worldnet | DB AG | Klickshop | DaimlerChrysler | ECC European Content Club | EADS | E.ON | EnBW | GASAG | Gillette | Braun | Grohe v3 | H.C.Starck | Hugo_Boss_v1.1 | Hydro ab 2007 |
INASchäffler | LH-Konzern ab 2007 | MAN | MERCATEO | Merck | v0.3 | NORDZUCKER OMVS-AMBA | OTTO Office | Peregrine 11/cc-hubwoo für AUDI | Basell Deutschland | BASF AG | BAYER AG | CELANESE | CLARIANT | DEGUSSA | HENKEL | Kali unsd Salz | RAG | VW AG | Power Catalog V12 | PwC ab 2007-03 | Raab Karcher | RWE | SEB AG ab 2007 | SKF1.7 | Stadtwerke Hannover | enercity | Schott AG | Seat | Siegwerk AG | SONEPAR | Sterling SIHI 1.0 | trimondo-ECC | trimondo DPWN | Uni Marburg Giessen | WackerV8 | WISAG1.22 | ZF-Sachs3.1

Technology

» 64-bit capable
» for all Windows versions from Windows 95 on
» very fast even with large data volumes
- approx. 20.000 articles in 10 seconds
- up to 5 million articles tested (on 64-bit system)
» independent of Microsoft and their releases
» controlled via XML - simple format creation and format adjustment
» Online software update
» English or German GUI

05
Maintenance / Support

Maintenance

Maintenance means: the further development of software (= bug fixing and installation of new functions) as well as making them available to you by our choice (e.g. CD, DVD, online update, download area or similar). Specific adaptations for target systems (e.g. derivatives) are excluded from maintenance.

Support

Support means: Assistance (= answering questions and giving advice) with individual questions from trained users in relation to our software. This covers any questions regarding installation, usage, operation and interaction with other components, however, it does not mean an installation itself or training. Support is provided in different ways (e.g. download area, mail, telephone or similar)

Training

On-site training up to max. 2 participants. Introduction to BMEcat and classification (e.g. EC-LASS). Explanation of the different data formats. Analysis of your data and initial preparation of testing data files. Support in converting your data to BMEcat and in the right classification.

» Daily rate € 1,280.00
» Travel expenses (€ / km) € 0.50
» Travel time (€ / hour) € 75.00
» Hotel up to € 150.00

Conditions

» All prices (in €) are subject to the legally applicable value-added tax
» incurred travel costs and expenses are not included in the indicated prices and will be charged at cost
» the processing of the services is carried out according to the agreement
» the End User License Agreement (EULA) of e-pro CAT GmbH applies

06
References

Auer Signal

BOSCH

CB direkt Profi-Shop

E/D/E

finder
SWITCH TO THE FUTURE

FÖRCH

GEDORE

igefa

KÖNIG + NEURATH

KÄRCHER

mafell
creating excellence

Mahr

metabo
PROFESSIONAL POWER TOOL SOLUTIONS

nexmart

NW NORDWEST

OSRAM

PEPPERL+FUCHS

PRECITOOL
PRÄZISIONSWERKZEUGE

rexroth
A Bosch Company

Roth

Schneider Electric

SIEMENS

SNA Europe

sonepar

els spelsberg

STIEBEL ELTRON
Technik zum Wohlfühlen

Telegärtner

TURCK

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