

OBSOLESCENCE MANAGEMENT

ALWAYS UP-TO-DATE WITH ECLASS AND AAS



OUR SPEAKER



PAULO FERREIRA
Managing Director
p.ferreira@dundts.com
+49 (0)2336 42828-23



OUR COMPANY



D&TS GMBH HAS BEEN OFFERING INNOVATIVE IT SOLUTIONS AND SERVICES FOR MASTER DATA MANAGEMENT AND CLASSIFICATION SINCE 1999. D&TS ENSURES HIGH-QUALITY AND SUSTAINABLE (MASTER) DATA QUALITY FOR LARGE AND MEDIUM-SIZED COMPANIES.

WE MAKE COMPANIES FIT FOR THE DIGITAL TRANSFORMATION



OUR COMPANY



25+

D&TS has been active in the MDM business globally for years, offering its customers high-quality products and services.



250+

Customer projects mainly for large companies with 1,000 to 120,000 employees.



3

Locations: Headquartered in Germany (Schwelm), with a location in Ukraine (Lviv) and ECLASS offices in Portugal and Spain.



25+

Employees in Germany, Ukraine, and Portugal. International expertise from experienced engineers, industrial foremen, computer scientists, and business economists.



Excerpt references



WITTENSTEIN



Partner- & Memberships



To ensure high-quality and sustainable data quality for large and medium-sized companies through **innovative solutions and services** in the field of master data management and classification. We strive for optimal process conformity for our customers in order to promote their business development efficiently and successfully.

CAUSES AND IMPACTS OF OUTDATED DATA



Reasons why discontinuation data is often missing

- Manual processes
- Lack of structured data management
- No central responsibility
- Supplier communication gaps
- Unawareness of phase-out notices
- Overreliance on individual knowledge
- No integration of lifecycle information in ERP/PLM
- Low priority until a failure occurs

Consequences if no discontinuation (EoL) data is available

- Unexpected machine downtime
- Production interruptions
- Higher repair costs
- Increased risk of long lead times
- Unavailability of spare parts
- Operational safety risks
- Customer dissatisfaction / delivery delays
- Loss of competitiveness

Solution: Real-Time-Data

SEMANTIC & VEHICLE



 **CLASS**

 **CLASS**

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Bevorzugte Benennung

27-02-21-01 Low-voltage three-phase current asynchronous motor, squirrel-cage rotor (IEC)

Schlagwörter

NS-cage rotor ASM Brake motor DS standard motor IEC standard motor NS-KL induction motor NS short-circuited rotor ASM VIK motor Lignite High-voltage motor Standard motor NS short-circuited rotor motor Three-phase current standard motor

Subject area (level 1)

Main group (level 2)

Group (level 3)

Subgroup (level 4)

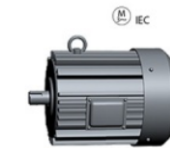
Product description features
Standard feature list
Keywords



27 Electric engineering, automation, process control engineering 

27-02 Electrical drive

27-02-21 Low-voltage three-phase current asynchronous motor

27-02-21-01 Low-voltage three-phase current asynchronous motor, squirrel-cage rotor (IEC) 



- Factor MK/MN
- Factor MS/MN
- Factor MA/MN
- Factor IA/IN
- »  Werteliste connection of motor winding
- Pole number
- Diameter / acc. to IEC 60072-1: Dimension D
- Dimensions / acc. to IEC 60072-1: Dimension BB
- Spacing / acc. to IEC 60072-1: Dimension GB
- Height / acc. to IEC 60072-1: Dimension GF
- Total length / acc. to IEC 60072-1: Dimension LC
- Spacing / acc. to non-standard motor: Dimension HB
- Spacing / acc. to IEC 60072-1: Dimension HH
- Width / acc. to IEC 60072-1: Dimension LL
- »  Werteliste Flange size referred to pitch circle for anchorage
- Synchronous revolution at 60 Hz

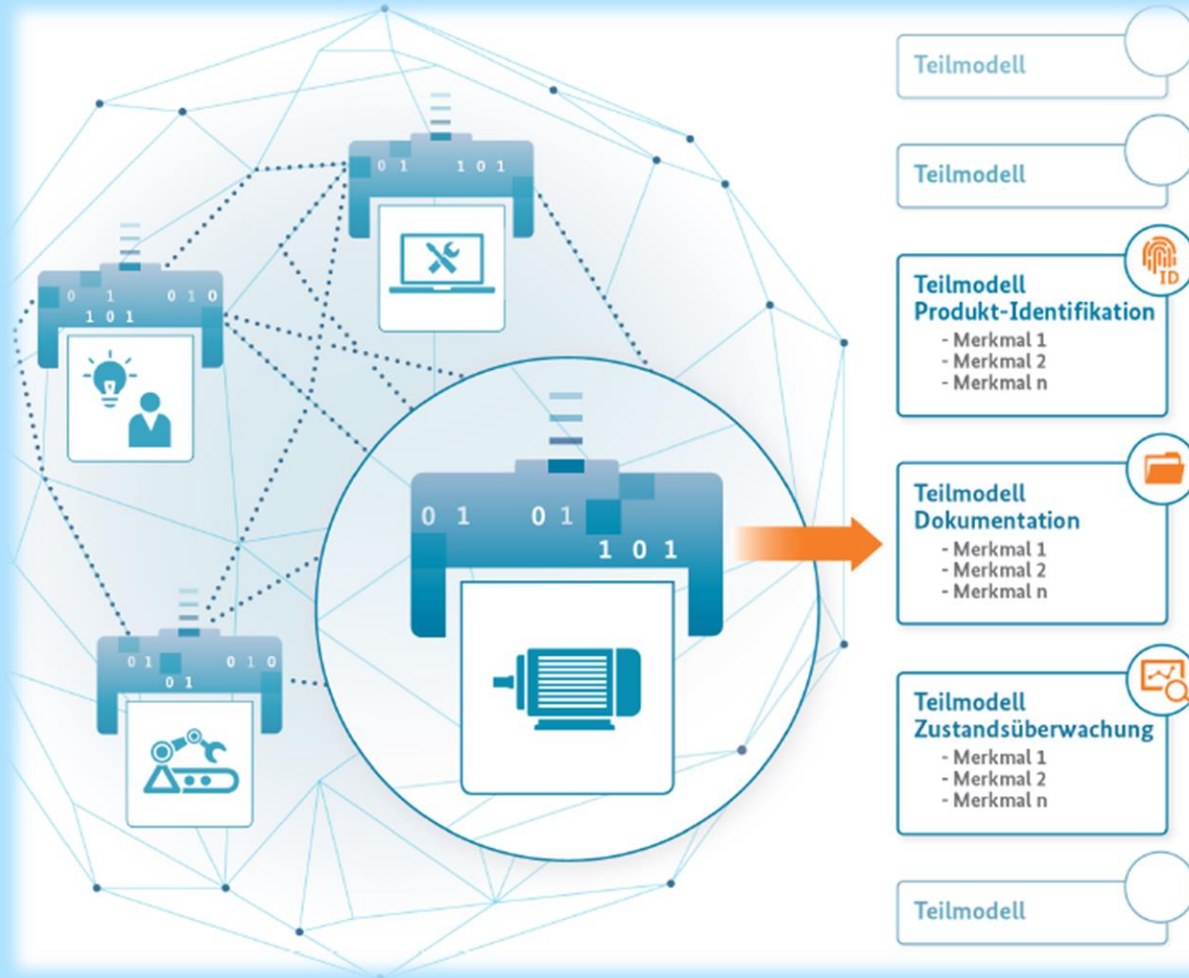
ECLASS is a four-level hierarchical classification system for grouping materials, products and services

ECLASS provides product groups and classes to which products can be assigned

ECLASS can be used internationally in several languages

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The **asset administration shell (AAS)** is a standardized digital representation of a physical or virtual object that provides structured and machine-readable information. It enables material and master data to be managed centrally, exchanged between different IT systems and processes to be optimized through automation.

TOGETHER: SEAMLESS DATA TRANSFER

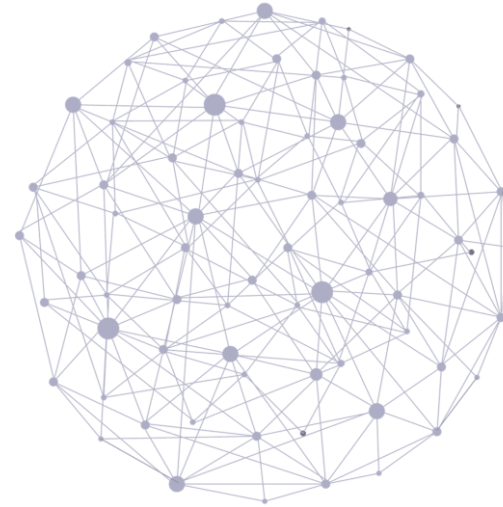


E CLASS

E CLASS

Bevorzugte Benennung	supplier of the identifier
Definition	DUNS-no., supplier number, or other number as identifier of an offeror or supplier of the identification
IRDI	0173-1#02-AAP796#004
Datenformat	STRING

Standardized data structure



The combination of **ECLASS classification** and the **IRDI-based administration shell** enables a **standardized, automated data exchange** that **seamlessly integrates systems, increases data quality and reduces manual effort.**

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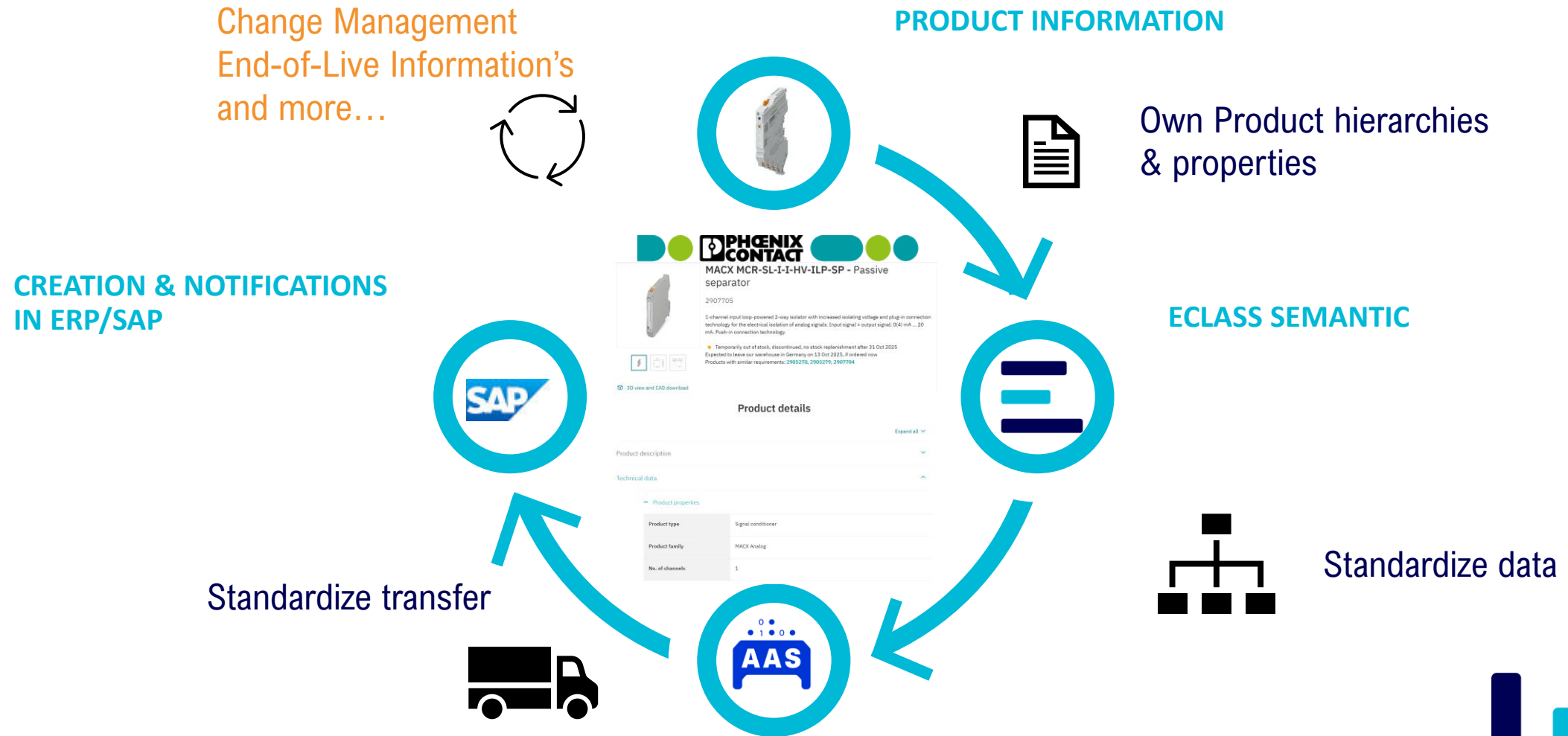
Identifiable:

id:

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Standardized data transfer

TOGETHER: SEAMLESS DATA TRANSFER



BENEFITS FOR COMPONENT MANUFACTURERS



- **INCREASED SALES THROUGH FASTER MARKET PENETRATION THANKS TO STANDARDIZED DATA**
- **TRANSPARENT COMMUNICATION OF CHANGES (EOL, SUCCESSOR ITEMS, CERTIFICATES)**
- **LESS EFFORT REQUIRED FOR CUSTOMER INQUIRIES THANKS TO DIGITAL PROVISION (DATA SHEETS, CAD, CERTIFICATES)**
- **AUTOMATED CLASSIFICATION IN CUSTOMER SYSTEMS – NO DUPLICATE MAINTENANCE**
- **COMPETITIVE ADVANTAGE: PREFERRED CHOICE THANKS TO EASY INTEGRATION**
- **COST REDUCTION IN SUPPORT THANKS TO FEWER QUERIES**
- **NEW BUSINESS MODELS POSSIBLE (E.G., SUBSCRIPTION SERVICES FOR DATA UPDATES)**

**NOT USING ECLASS YET?
LET'S START TOGETHER!**



BENEFITS FOR INDUSTRIAL USERS



- **PREVENTION OF MACHINE DOWNTIME THROUGH AUTOMATIC EOL AND SUCCESSOR INFORMATION**
- **GREATER SUPPLY SECURITY THANKS TO UP-TO-DATE CERTIFICATES AND APPROVALS IN REAL TIME**
- **COST SAVINGS THROUGH AUTOMATED MATERIAL REQUISITIONING, DOCUMENT STORAGE, CAD INTEGRATION**
- **OPTIMIZED MASTER DATA QUALITY: FEWER DUPLICATES, BETTER PROCUREMENT PROCESSES**
- **FASTER COMMISSIONING AND PROJECTS THANKS TO DIGITALLY AVAILABLE COMPONENT INFORMATION**
- **COMPLIANCE & SUSTAINABILITY: PROOF OF REACH, ROHS, CARBON FOOTPRINT**
- **LONG-TERM INVESTMENT SECURITY THROUGH OPEN STANDARDS (ECLASS, AAS, IRDI)**

**NOT USING ECLASS YET?
LET'S START TOGETHER!**



WORKING GROUPS



IN
PROGRESS



ALREADY
LIVE



STEP IN NOW –
WHETHER YOU CREATE
OR USE AAS.



ABOUT D&TS



CLASS

IT-Solutions

Our IT-Solutions such as ClassCOCKPIT automate your master data management in ERP e.g. SAP. They minimize manual intervention, increase data quality and reduce errors - for seamless, standardized processes.

Classification

With ECLASS, UNSPSC, ETIM and individual proprietary classifications, you can improve findability, automation and system integration. An optimized product search ensures faster and more precise results. We bring structure to your product master data - for greater efficiency and competitiveness.

MDM-Excellence-Workshops

Together, we develop a sustainable strategy for first-class master data quality - with best practices, potential analyses, data analysis and well-founded recommendations for optimized processes.



Consulting

Optimized master data is the basis for efficient business processes. We support manufacturers and industrial companies in analyzing, optimizing and maintaining their product and material master data - for better data quality, faster processes and reduced costs.

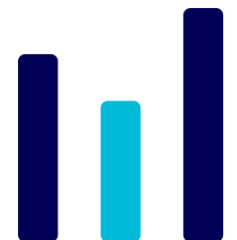
Data Cleansing

Incorrect data leads to inefficient processes. We cleanse, harmonize and optimize your master data - for secure decisions, better searchability and more efficient processes. If required, we can also make the material systems.

Legal guidelines & compliance

Legal requirements demand precise and compliant master data. We help you to meet regulatory requirements through structured classification, standardized data models and automated checks - for transparent, audit-proof and efficient processes.

Increase data quality. Ensure success



THANK YOU FOR YOUR ATTENTION.