



eptos™ AI Classification Engine

Classify, Deduplicate and Enrich your Material Master

The eptos™ AI Classification Engine brings structure and intelligence to your material master data. Existing data is automatically classified using AI based on standards such as ECLASS, other standards or according to your own company-specific dictionary. At the same time, the eptos™ AI Classification Engine detects duplicates.

With AI-driven data enrichment, intelligent attribute mapping, and quality checks, teams work efficiently and transparently on high-quality data. This turns data maintenance into a scalable, streamlined process – and transforms your master data into a real competitive advantage.

Master Data Management

eptos™ AI Classification Engine transforms fragmented and inconsistent product data into a single, harmonized master data foundation. By automatically classifying, enriching, and deduplicating existing data, it significantly reduces manual effort and error rates.

As a result, companies achieve higher data quality, long-term consistency, and faster availability of reliable master data across the organization.

Dictionary Management

The solution provides full flexibility in managing multiple classification standards and company-specific dictionaries. Organizations can centrally control dictionaries, map attributes consistently, and easily adapt to changing requirements or new markets.

This ensures scalability, governance, and future-proof master data management without rebuilding data structures or processes.

System Integration

Clean and standardized master data is the backbone of efficient system landscapes. By aligning product data with standards such as ECLASS, eptos™ AI Classification Engine enables seamless integration with ERP, PIM, procurement, and analytics systems.

This reduces integration complexity, prevents downstream data issues, and ensures that all connected systems rely on a consistent data source.

Benefits

Higher Data Quality

eptos™ AI Classification Engine standardizes, enriches, and validates product master data, reducing errors and inconsistencies. This results in reliable, high-quality data that can be trusted across all business processes.

Faster Time to Value

AI-driven processes accelerate data onboarding, making clean master data available much faster. This enables quicker system rollouts and business decisions.

Lower Manual Effort and Costs

By automating classification, deduplication and attribute assignment, the eptos™ AI Classification Engine significantly reduces manual data maintenance. Teams save time and lower operational costs.

Scalable and Future-Proof Data Management

Support for multiple standards and custom dictionaries ensures long-term flexibility as requirements evolve. The eptos™ AI Classification Engine scales easily with growing data volumes and changing market or regulatory demands.

Features

- AI-assisted Data Classification
- Multi-Dictionary Support
- Intelligent Deduplication
- Attribute Mapping & Valuation
- External Data Enrichment
- Collaborative Quality Checks & Workbenches

Reference customers:

We are proud that eptos™ solutions are also successfully used by:



Do you have questions?
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