



eptos™ AI Master Data Capture Hub

Turn Images into Master Data

The eptos™ AI Master Data Capture Hub is an intelligent extension of the eptos™ AI Classification Engine, designed to capture and enrich product data when existing information is incomplete or missing. Using photos of components, parts, or type plates, the tool extracts relevant product information through AI-based image recognition and prepares it for seamless integration into the material master.

The eptos™ AI Master Data Capture Hub closes critical data gaps by transforming visual inputs into structured digital master data. This enables companies to onboard previously unclassified or poorly documented parts faster, more accurately, and with significantly less manual effort.

Product Information Management

The eptos™ AI Master Data Capture Hub enables structured and usable product information even when digital source data is incomplete or unavailable.

By capturing details directly from images of parts or type plates, the solution converts visual inputs into structured data that can be enriched, validated, and reused across PIM systems.

Material Master Data Management

Incomplete or poorly documented materials often block clean and scalable master data processes. The eptos™ AI Master Data Capture Hub closes these gaps by transforming physical information into structured master data and seamlessly passing it to the eptos™ AI Classification Engine for classification and standardization. As a result, companies achieve a more complete and reliable material master.

Spare Parts & Asset Identification

In maintenance, and asset-heavy environments, spare parts are frequently identified only by the physical component itself. The eptos™ AI Master Data Capture Hub allows users to capture parts via photos and onboard them quickly into the system. This avoids incorrect procurement, improves spare parts transparency and ensures that even legacy or undocumented parts become part of a structured master data foundation.

Benefits

Closes Critical Data Gaps

When digital product information is incomplete or unavailable, the eptos™ AI Master Data Capture Hub fills the gap by capturing data directly from physical parts or nameplates.

Improves Data Quality and Reliability

AI-driven image recognition minimizes manual input errors and ensures consistent data extraction. Combined with the eptos™ AI Classification Engine, captured data is validated, standardized, and ready for use.

Accelerates Material Onboarding

Photo-based data capture significantly reduces the time and effort required to create new material records. Products and spare parts become available faster for classification and operational use.

Extends Existing Classification Capabilities

As a seamless add-on to the eptos™ AI Classification Engine, the Capture Hub enhances existing workflows. It adds a visual data acquisition layer that strengthens end-to-end master data processes without disrupting established systems.

Features

- AI-based Image Recognition
- Photo-based Material Master Data Capture
- User-Guided Data Validation
- Auditability & Traceability
- Direct Integration with eptos™ AI Classification Engine

Reference customers:

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



A prerequisite for eptos™ AI Master Data Capture Hub is a license for the eptos™ AI Classification Engine.



Do you have questions?
Contact us

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