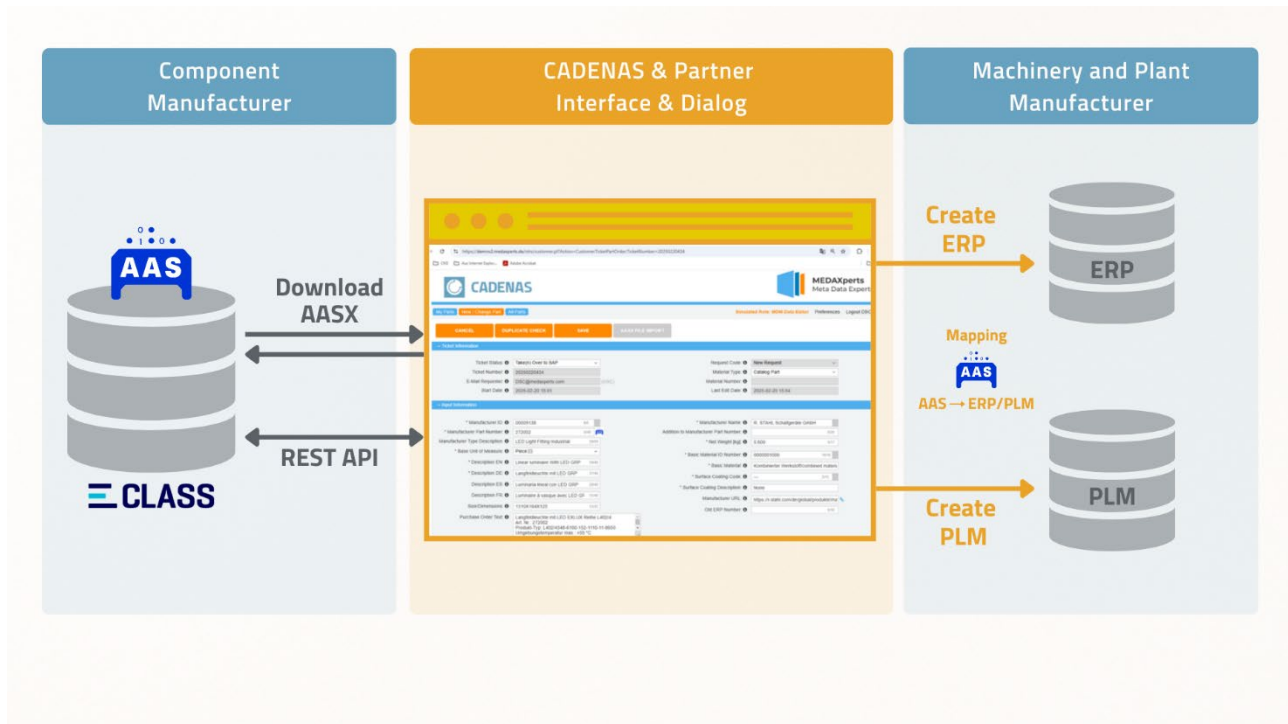## Automated master data creation in CAD/PLM/ERP (ENTERPRISE 3Dfindit)



# BEST DATA QUALITY THROUGH AUTOMATED MASTER DATA CREATION

- Major time saving compared to manual master data creation
- Direct transfer of manufacturer and supplier data in the PLM/ERP system
- Detection of potential duplicates before creation in the PLM/ERP system
- Elimination of typing errors and different spellings
- Automation of the new creation as well as the subsequent enrichment of the data and the possibility of regular validation for product change notifications and product discontinuations

In mechanical and plant engineering, new manufacturer or supplier components are constantly needed in engineering, purchasing or service. The download and use in the CAD system is usually done manually, as is the creation in PLM in engineering or in ERP in purchasing or service. With ENTERPRISE 3Dfindit and the AAS Industry Data Standard, these manual activities can be automated, saving resources, increasing efficiency and optimizing data quality.

## AAS enables standardized data exchange

The available AAS industry data standard is the key to automated data exchange between data providers (manufacturer and supplier data) and data consumers (machine and plant manufacturers).

The Asset Administration Shell (AAS) ensures full interoperability between data providers and data consumers.

## READY-TO-USE for SAP ERP and all common CAD/PLM environments



If an engineer or designer requires CAD geometry, the automated system is created by selecting the part or component in the digital ENTERPRISE 3Dfindit product catalog, which is enriched with AAS data. If no CAD geometry is required in purchasing or service, the AAS data is transferred in the CADENAS dialog by importing the AASX file or retrieving the AAS data via the AAS REST API. The actual automated master data creation is carried out after a negative duplicate check via the ENTERPRISE 3Dfindit CAD/PLM/ERP interfaces.

As ENTERPRISE 3Dfindit has standard interfaces for all common CAD/PLM/ERP systems, the automatic master data creation is READY-TO-USE for all manufacturers and suppliers who provide AAS data for their product types and instances.

The fields in the CADENAS dialog show the company-specific fields that are to be created, enriched or updated in the PLM and ERP system.

Thanks to the AAS REST-API connection, any AAS submodel data and information such as "Digital Nameplate", "Technical Data", "Handover Documentation", "Carbon Footprint" or "Product Change Notification" can be used and automatically transferred via the CAD/PLM/ERP interfaces.