

# Achieve Effortless Compliance with Industry Standards

When exchanging product information with customers and business partners, manufacturers need to map and transform their product data to an appropriate data model - such as an industry standard - that can be easily interpreted by the receiving organization.

The ability to seamlessly share complete and high-quality data is critical to decrease time to market, streamline procurement processes and deliver excellent customer experiences.

Manufacturers can easily map and transform product information to comply with international classification systems. **Stibo Systems Master Data Management features integral standard components to support product information management (PIM) lifecycle, including:**

- Easy exchange of product data
- International classifications
- Data quality maintenance
- Data transformation

## Important industry standards supported by MDM



## Ensuring compliance using MDM

Different international classification systems provide standards for product data exchange. With MDM, manufacturers can simplify the process of achieving compliance with industry standards:

### Key benefits of using MDM for compliance with industry standards

- The data transformation component is integral to Stibo Systems Master Data Management
- No interface needed
- No need for independent service providers
- You own all knowledge and rules for data transformation
- You have access to data quality capabilities to improve transformation rules and source data

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### Supporting different data models

Exporting and receiving companies have different data models for the same products, meaning they don't speak the same data language. While the industry standard provides a common language that is understood by the exporting and the receiving company, the data still must be translated.

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### Automating data mapping

To utilize the benefits of industry standards, data needs to be mapped and transformed (translated) in accordance with the standard. This process can, in principle, be solved manually, but the amount of data calls for an automated solution. Automated data mapping and transformation not only enhances operational efficiency but also improves data quality by eliminating error-prone manual work.

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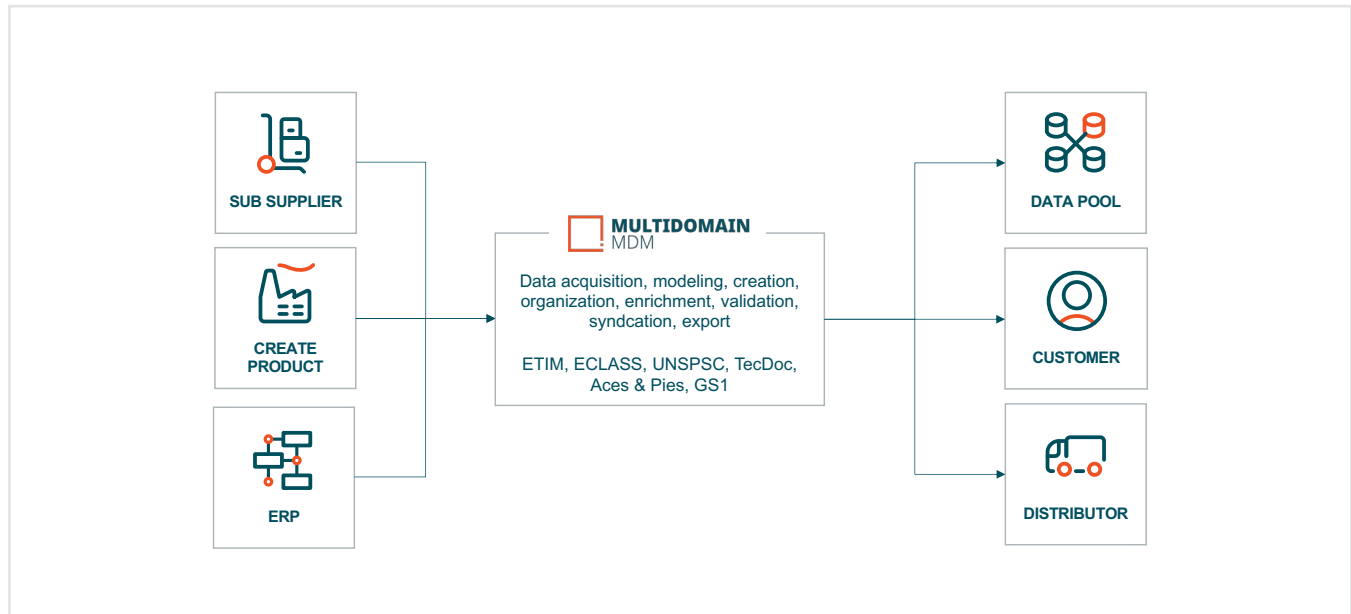
### Facilitating data export

The exporting company needs to deliver the data in a standardized format, such as BMEcat, or exporting companies and receivers can exchange data via an integration point.

### Manage product complexity using advanced data modeling

Stibo Systems MDM supports the full journey of ECLASS ADVANCED data that includes a flexible and hierarchical property structure to describe highly complex products. This enables you to meet multiple customer and supplier demands and deliver digital twin data sets to support design, simulation, manufacturing and build of highly specialized industrial products.

## Manufacturing data flow



**Stibo Systems MDM contains end-to-end data exchange capabilities to ensure compliance with industry standards:**

Objectives	Strategies
<b>Import/Data acquisition</b>	<ul style="list-style-type: none"> <li>A built-in standard importer accepts a number of industry standard data models, such as ETIM, ECLASS, UNSPSC and GS1, including different versions.</li> </ul>
<b>Mapping and transformation</b> Data modeling, enriching and validation	<ul style="list-style-type: none"> <li>An auto-classification component automatically transforms the imported data using business rules and algorithms.</li> <li>When a proprietary data model needs to be mapped to the industry standard, it requires an initial manual mapping. Stibo Systems provides the functionality that enables you to perform data mapping.</li> </ul>
<b>Maintenance</b>	<ul style="list-style-type: none"> <li>When a product data value changes, the MDM updates the data model, ensuring it is always ready for export. This way, the data quality is maintained at all times, which improves the operational efficiency when data needs to be shared.</li> </ul>
<b>Export</b>	<ul style="list-style-type: none"> <li>Stibo Systems MDM supports many export formats, such as BMEcat, GDSN, XML and APIs. See more export formats in the <b>Connector Gallery</b>.</li> </ul>

To learn more about how Stibo Systems and MDM can help, visit [stibosystems.com/product-mdm](https://stibosystems.com/product-mdm).

### About Stibo Systems

Stibo Systems, the master data management company, is the trusted enabler of data transparency. Our solutions are the driving force behind forward-thinking companies around the world that have unlocked the strategic value of their master data. We empower them to improve the customer experience, drive innovation and growth and create an essential foundation for digital transformation. This gives them the transparency they require and desire – a single, accurate view of their master data – so they can make informed decisions and achieve goals of scale, scope and ambition. Stibo Systems is a privately held subsidiary of the Stibo A/S group, founded in 1794, and is headquartered in Aarhus, Denmark. More at [stibosystems.com](https://stibosystems.com).