



# Leverage current data and increase productivity

## HP IMDS-Advanced Interface improves IMDS reporting

Help your company leverage data in your current systems and receive a productivity improvement by reducing work for IMDS reporting.

### Insights

- HP IMDS-Advanced Interface reduces data collection, reporting effort, and expense.
- Our advanced interface also cuts down on cycle time for IMDS reporting.
- Overall, it increases productivity of your International Material Data System resources.

The HP IMDS-Advanced Interface (IMDS-AI) is designed to enable locally hosted material data systems to more directly interface with the auto industry's International Material Data System (IMDS).

### Enables automated data exchange

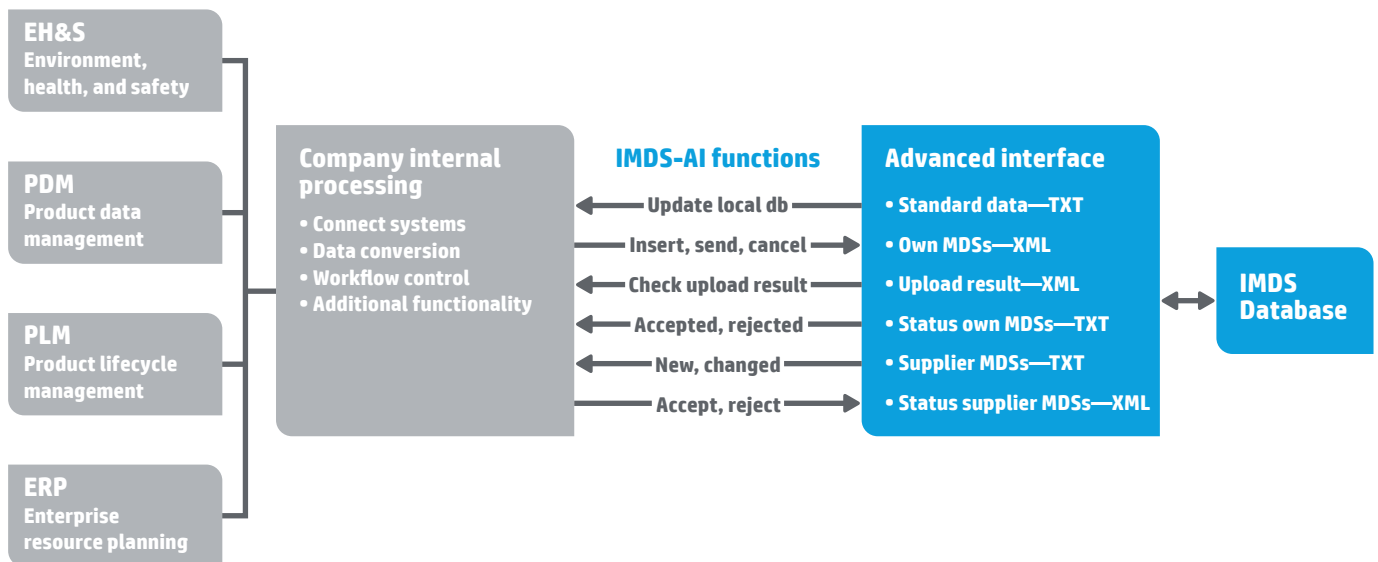
The HP IMDS-AI enables users to automatically exchange material data sheets with IMDS. With it, the effort required for data gathering, formatting, and entry substantially decreases. The IMDS-AI integrates IMDS data with in-house product lifecycle management (PLM) processes and systems. The increased automation improves data quality and administration.

### Overcomes challenges

Our advanced interface helps companies by:

- Leveraging existing product and material data for IMDS reporting
- Managing large volumes of product and material data
- Decreasing the effort and error rate from manual data input
- Increasing productivity of IMDS resources
- Avoiding data redundancies
- Ensuring stronger integration of material data management processes

Figure 1. Function Chart of the IMDS-AI Solution



## Offers key features

- Automatic data transfer using XML (support for batch and online transfer)
- Capability to transfer large data volumes
- Synchronisation of local data and IMDS database
- Transfer of all MDS status information
- Supports IMDS procedures

## Provides many benefits

- Reduces data collection, reporting effort, and expense
- Provides communication link between local systems and IMDS
- Reduces cycle time for IMDS reporting
- Maintains current IMDS related information with local systems
- Enables local administration and integration of product and material information for IMDS reporting
- Clear license model based on uploaded data volume

## Delivers a technical solution

The download interface provides the transfer of standard data—such as published materials and contact persons—and data sheets that are visible to your company (including received, internally released) in a flat file format. Through the download function, your company can synchronise the complete MDS data structure and all the information concerning the ingredients with your local systems.

The upload interface is based on XML (extensible markup language) that uses a DTD (document type definition) for defining form and structure of the data necessary for upload into IMDS, considering the IMDS rules.

## Integrates into company processes

The HP IMDS-AI enables the integration of IMDS data with your product lifecycle systems (ERP, PDM) in the client environment, including internal workflows to support product development and reporting.

The download function enables your company to download IMDS standard information, such as basic substances catalogue. Furthermore, the datasheets received by your company, public datasheets, or your own datasheets can be transferred for in-house administration.

With the upload function, your company can transfer data from your local systems to the IMDS data base, send them to your customers, and accept supplier material data systems. The interface supports the automatic creation of material datasheets in IMDS—without manual input.

As a local system, software communicates with the IMDS on the one hand and on the other hand establishes the link with your PDM or ERP system.

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