

The increasing regulatory requirements, rising transparency expectations from OEMs, and the demand for end-to-end data quality make the International Material Data System (IMDS) a key component of modern product development and approval processes in the automotive industry. In this context, it is essential to develop a holistic understanding of the role of IMDS —from the regulatory framework and its integration into the product lifecycle to its role in the VDA approval process. The focus is not only on the correct creation and use of IMDS data, but also on building efficient, sustainable, and audit-ready processes.

>> OBJECTIVE

After completing this training, you will understand the regulatory framework surrounding IMDS and be able to position it effectively within the product lifecycle. You will be equipped to identify the key considerations for integrating IMDS into your organization and to design and implement structures that support efficient and sustainable long-term IMDS operations.

You will gain a thorough understanding of the VDA sampling process, the role of IMDS, and OEM-specific requirements. In addition, you will learn how to create high-quality IMDS data that supports the Initial Sample Inspection Report (ISIR) and contributes to successful product approvals.

Furthermore, you will be able to analyze existing processes and data, identify optimization opportunities at key interfaces, and redesign established IMDS processes to improve efficiency, data quality, and compliance.

You will also become familiar with the requirements for integrating IMDS processes into a quality management system in accordance with IATF 16949 and embedding them within core quality management processes. This knowledge will enable you to successfully plan and implement cross-functional process improvements throughout your organization.

Your advantage: Leverage this knowledge to manage IMDS processes more efficiently, sustainably improve data quality, and proactively minimize risks along the supply chain – enabling smoother approvals and higher customer satisfaction.

>> NOTE

This training course is part of the certificate program “IMDS Officer” (cert.).

More information available online at:
[IMDS Certification – imds-professional](https://www.imds-professional.com)

>> TOPICS COVERED

Basics and Regulatory Context

- Objectives and purpose of the International Material Data System (IMDS)
- Regulatory requirements and OEM specifications
- IATF 16949 requirements for material data

IMDS in the product development process

- Classification of IMDS within the product life cycle
- Integration into the product development process (PEP)
- Interfaces with internal departments
- Risks associated with delayed data procurement

IMDS in the VDA PPAP process

- IMDS entry in the PPAP / PPF
- IMDS as part of the sampling process and its role in the Initial Sample Inspection Report
- Typical OEM approval processes
- Connection to internal documentation (e.g. bill of materials (BOM), drawings, material approvals)

Process design for IMDS

- Process-oriented approach across the supply chain
- Definition of a company-wide IMDS process design
- Structure and content of a process description
- Definition of roles, responsibilities, and interfaces

IMDS within the Quality Management System (IATF)

- Integration of IMDS processes into the Quality Management System IATF 16949
- Documented processes and responsibilities
- Integration into core QM processes
- Ensuring traceability and auditability of IMDS processes

Process management and Key Performance Indicator (KPI)

- Control and monitoring of the IMDS process
- Definition of appropriate KPIs

Organization and governance

- Establishment of an IMDS role model within the organization
- Central vs. decentralized IMDS organization
- Supplier management as well as escalation and approval processes

Reorganization and data migration

- IMDS organizational units
- IMDS merge and split-off process

Tools and system integration

- Use of IMDS tools and supplementary systems
- Integration of IMDS into existing IT landscapes

Conducted by:
imds professional GmbH & Co.KG
Waschweg 3
61276 Weilrod (Germany)



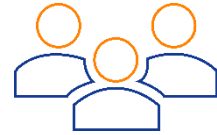
Teaching method

Presentation with demonstration, practical examples, questions and answers



Duration

360 Min. + breaks
(1 day)



Max. number of participants

14

>> TARGET GROUP

This seminar is aimed at all professionals who are looking to establish IMDS within their organization or reorganize it, and who wish to gain a deeper understanding of the IMDS process and enhance its efficiency. Furthermore, this seminar is part of the certification program for the IMDS Officer (cert.).

>> PERSONAL REQUIREMENTS

Basic IMDS and process knowledge is required for an in-depth understanding.

You are responsible for managing the IMDS process within your organization, are already a certified IMDS Expert (cert./PersCert TÜV), or possess comparable expertise.

>> CERTIFICATE OF PARTICIPATION

You will receive a personal certificate of participation that you can use to demonstrate your qualification.

>> PUBLIC TRAINING

You can find current prices and dates on our website:

www.imds-professional.com

>> EXCLUSIVE TRAINING

This training course can also be booked exclusively for your organization, either as a webinar or as an in-person session.

Your advantage: You choose the location, date, and number of participants, and you can set the focus areas of the content.