

IMDS MDS Import into CDX (Compliance Data eXchange)

Use of existing material compliance data



DXC's CDX includes the ability to import existing Material Data Sheets (MDSs) from the IMDS (International Material Data System) using the IMDS Advanced Interface.

Data Import from IMDS into CDX

With this function, DXC addresses the automotive supplier's need to further process MDSs that are already available in the IMDS and additionally used for other industries, without re-entering them in CDX.

Companies that work for the automotive industry as well as for other manufacturing industries would benefit from synergies between the two systems. This allows a consolidation of the material information across all sectors.

CDX is based on the IMDS long-standing experience and uses broader substance and material catalogs. CDX has an open set of rules (e.g. full or partial declarations), a greater number of substances and standard materials, provides functionality for

- REACH (XIV, XVII),
- RoHS,
- California Prop65,
- Battery,
- Packaging,
- ELV,
- GADSL,
- HKK,
- and includes a fully integrated Responsible Minerals Manager.

The import of IMDS MDSs can be initiated out of CDX if the following requirements are fulfilled:

- A company registration in CDX and valid CDX credentials are mandatory.
- The CDX user needs valid IMDS credentials (IMDS User ID and password) to start the Import Wizard
- The IMDS company owns a valid IMDS Advanced Interface license (at least a Tariff E is needed) and the MDS is in a status which is recognized by the IMDS Advanced Interface.
- Data transfer from IMDS to CDX is in line with the IMDS Terms of Use.

After the import you can search for own MDSs in edit mode and rework or complete the MDS with CDX-specific information – an attached protocol for each imported MDS shows details on the import for the respective MDS.

Data Integration from IMDS into CDX

Since CDX Release 7.4 a new option is available to create IMDS imports as a one-time, daily, or weekly synchronization run against a defined scope of IMDS MDSs (all, current version of own, and/or supplied MDSs), which will do a full synchronization of IMDS owned data to CDX of all released and/or accepted MDSs. This will be extended to a full In-

box synchronization with the option to accept / reject MDSs from within CDX, and the option to push CDX sourced MDSs to the IMDS. This enhancement requires an extended CDX license.

IMDS data and additional information in CDX

Other manufacturing industries except Automotive need to comply with a wider range of regulations than offered by IMDS.

Data imported from IMDS can be enriched with a wealth of information:

CDX will check for RoHS exemptions and request updated information. It also offers full support of the REACH Once-an-article-Always-an-article ruling (O5A), checks that you have entered authorizations, thresholds, and sunset dates. Substances listed under CalProp65, or TSCA, are automatically flagged, as are substances under other global regulations such as China-RoHS and Korea RoHS, with the list of regulations constantly evolving with the needs of CDX customers, including self-configurable regulations and substance lists.

The IMDS synchronization not only creates a full structural copy of IMDS MDSs, but also secondary data such as supplier codes, SCIP-relevant data and applications are imported.



This enables companies to comply with different requirements:

- Integrated Material Information Management with in-depth analysis of IMDS data and data from other sources against the CDX set of regulations,
- Bulk submission from several 10.000 up to 100.000 IMDS-sourced MDSs to the SCIP database,
- Integration of IMDS-sourced data with data from other sources such as IPC175x, IEC62474, CDX; with the planned enhancement of CDX to IMDS transfer primarily non-automotive supply chains will be enabled to offer high-quality data to the automobile sector.

CDX is an open system, able to import/export other material reporting formats such as IPC 175x and IEC62547 and integrate with internal IT systems via CDX Web Services.

CDX offers an onboarding process for mass onboarding of new suppliers and mass uploading of data sheets. In addition to the supply chain communication for chemical compliance, a complete

Responsible Minerals Management module (including Mica/Cobalt) is available to request, aggregate, and administer the standard Conflict Minerals Reporting Template (CMRT).

DXC Technology is regularly extending CDX's functional scope, reflecting on requirements and feedback from users, customers, associations, and our partners and consultants.

Import settings

Update Std.-Material Use the referenced version
Please define how the transfer should react in case newer versions of referenced Std.-Materials exist.

Std.-Material handling Convert into nodes
Please define how the transfer should react in case referenced Std.-Materials are deleted or do not exist.

Basic Substance handling Replace by placeholder substance
Please define how the transfer should react in case referenced basic substances are deleted or non-existent.

Unconditional Release ☐ If ticked, MDSes will be set to "internally released", no matter the actual error status in CDX. Relevant for IMDS legacy data.

☒ **Create Job**
Upon creating a job, your provided IMDS credentials will be stored in CDX

Schedule ☒ Once
☐ Daily
☐ Weekly
Jobs will be visible in the QCM where they can be managed

Learn more at cdxsystem.com

Get the insights that matter.
cdx.com/optin



About DXC Technology

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