

DXC Compliance Data eXchange - Web Service Interface

Improve efficiency by integrating existing data



Leverage the data in your current systems and improve your productivity by reducing manual effort and streamlining data communication.

It's essential to integrate your non-industry specific regulatory material compliance reporting system with your existing in-house, internet, or cloud-based solutions. Doing so provides a smooth operating business methodology and sets processes for product and product compliance data reporting. Look to DXC Technology's Compliance Data eXchange (CDX) - Web Service Interface (WSI). It's the answer to integrating with the DXC CDX system.

Automate your data exchange

Use DXC CDX-WSI to leverage data in your current systems and automatically exchange product and supplier data with

CDX. WSI integrates CDX data with in-house product lifecycle management (PLM), enterprise resource planning (ERP), environment health and safety (EHS), and product data management (PDM) processes and systems in your environment. This includes internal workflows to support product development and reporting.

Integrate into company processes

Using the download interface, you can transfer CDX standard information, such as published materials, norms, basic substances catalog, company – user data and substance lists like "REACH Annex" to your in-house systems.

Insights

- Interface DXC CDX with your solutions - regardless of location.
- Leverage data in your current systems and automatically exchange product and supplier data.
- Increase quality; reduce administration.

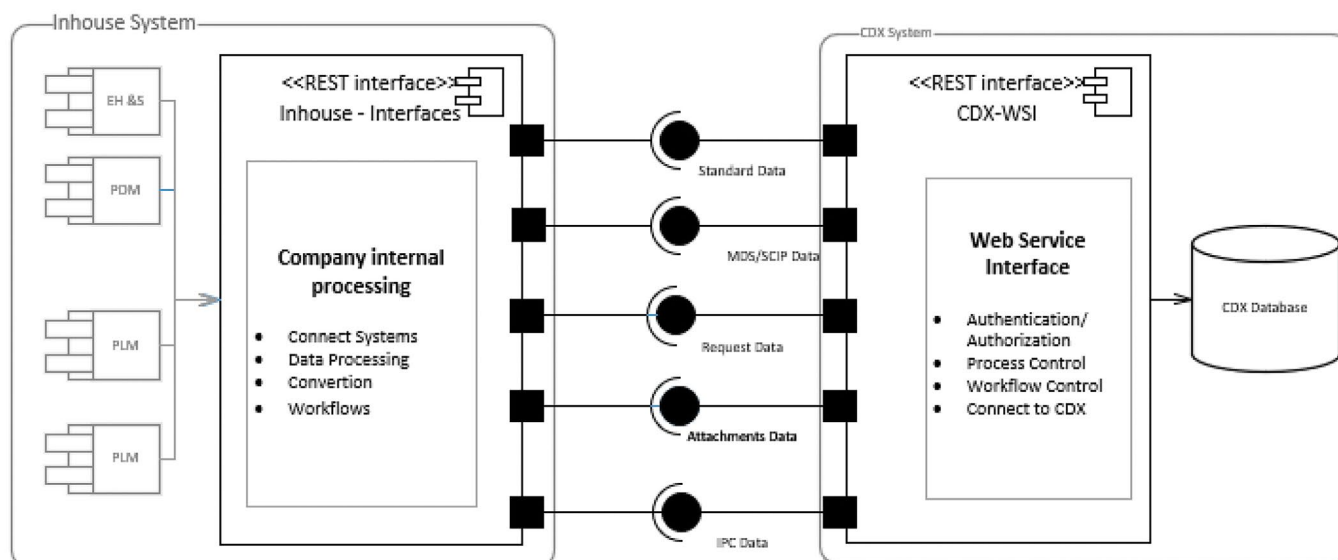


Figure 1. Function Chart of the CDX-WSI



In addition, CDX Material Data Sheets (MDSs) used by your company and company-specific substance lists, regulations, and regulation exemptions can be transferred to your local systems for in-house administration.

With the upload interface, your company can transfer data from your in-house systems to CDX. All CDX web application functions are supported - create, delete, copy, send, accept, submit to the ECHA SCIP database — to greatly reduce manual data input.

Furthermore, CDX–WSI attaches documents in various formats - *.pdf, *.docx, *.xml, *.xlsx, and *.zip - to material datasheets. -defined quality profiles.

Overcome challenges

- Leverage existing product and material data for CDX reporting
- Manage large volumes of product and material data
- Decrease the effort and error rate from manual data input
- Avoid data redundancies
- Ensure stronger integration of material data management processes

Review key features

- Synchronization of local data and the CDX database
- Capability to transfer large data volumes

- Integration of CDX Material Data Sheet (MDS) status into your in-house systems
- Optional Export capability for IPC1752A Class C and D declarations
- CDX procedures and rules supported
- ECHA SCIP reporting can be triggered, and results captured
- Data transfers automatically using well-understood data exchange technologies
- Optional MDS Regulation analysis
- Trigger import from IMDS

Know the technical details

- Supports and uses the most common Web Service standard REST
- The CDX REST API is Document in OpenAPI format, which allows easy client code generation & integration
- Supports different ways of standard authentication
- JWT Bearer Token, Symmetric keys or custom OAuth authentication on request
- The CDX download interface is based on XML and can synchronize the complete CDX MDS data structure and all information concerning the ingredients
- The upload interface is also based on XML - for defining form and structure of the data necessary for upload into CDX, following CDX rules.

Gain many benefits

- Increase productivity of regulatory substance compliance resources
- Gain a communication link between in-house systems and CDX
- Maintain current CDX information in your in-house systems.
- Locally administer and integrate product and material information for CDX and ECHA SCIP reporting.
- Streamline operations by viewing data and performing many CDX operations from your in-house systems.
- Determine the data yourself - single objects or data for a specific time period - that you want to export from CDX and generate them directly for download.
- Know there are no extra charges. For example, WSI is covered with the regular CDX license.

Get started today

Get the interface you need with DXC CDX–Web Service Interface. It's the answer to integrating with the DXC CDX system.

Learn more at cdxsystem.com

Get the insights that matter.
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