Improve efficiency by integrating existing data
DXC CDX–WSI integrates regulatory compliance reporting

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

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.

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 smoothly operating business methodology and set 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. It 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.
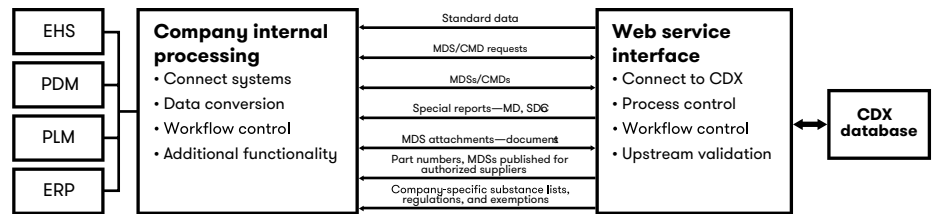
Integrate into company processes

Using the download interface, your company can transfer CDX standard information, such as published materials, norms, basic substances catalog, and substance lists like "REACH Annex" to your in-house systems. In addition, CDX Material Data Sheets (MDSs) and Conflict Minerals Declarations (CMDs) 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, and so on—to greatly reduce manual data input.

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

DXC.technology

Figure 1. Function Chart of the CDX-WSI Solution

EHS	**Company internal processing**	Standard data	**Web service interface**	
PDM	• Connect systems	MDS/CMD requests	• Connect to CDX	**CDX database**
PLM	• Data conversion	MDSs/CMDs	• Process control	
ERP	• Workflow control	Special reports—MD, SDoC	• Workflow control	
	• Additional functionality	MDS attachments—documents	• Upstream validation	
		Part numbers, MDSs published for authorized suppliers		
		Company-specific substance lists, regulations, and exemptions		

Reduce effort, improve data quality

Gain substantial savings with DXC CDX–WSI by reducing the effort required for data gathering and manual entry into CDX. Communication between your in-house systems and CDX helps improve data quality and reduce administration, letting you view data and perform many CDX operations and analysis from your in-house systems.

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
- Import/export capability for IPC1752A Class C and D declarations as well as for IEC62474

- CDX procedures and rules supported
- Materials Declaration (MD) and Supplier's Declaration of Conformity (SDoC) can be requested from and stored in your systems
- Integration of CMD communication with your suppliers into your local processes
- Data transfers automatically using wellunderstood data exchange technologies

Know the technical details

- CDX–WSI uses web-related standards:
  - SOAP standards for WSDL schema
  - W3C web service standards and policy
  - OASIS—XML namespace document for WS-Security Policy 1.2
- Basic communication format is XML, specified with XML Schema Definition (XSD).
- Interaction is handled by SOAP messages transferred using the HTTP protocol.
- 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 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 www.dxc.technology/ applications