

DXC Compliance Data eXchange (CDX)

CDX Import, Enrich, Convert



DXC CDX: a powerful tool for material compliance & corporate responsibility content creation, visualization, and exchange

The DXC Compliance Data eXchange (CDX) provides clients with powerful capabilities to manage chemical regulatory compliance, supply chain reporting and data collection. In a globally connected world, CDX clients enjoy a cloud computing compliance ecosystem with robust import and export capabilities, using a variety of compliance data exchange protocols.

The CDX Software-as-a-Service (SaaS) environment provides secure, managed data creation, validation, storage, editing with revision control. DXC employs experts in product compliance, material product regulations, and materials engineering to improve product compliance. CDX facilitates the exchange and validation of supplier declarations and provides the same functionality for external declarations where feasible.

DXC CDX embraces data exchange standards and the value of using appropriate mechanisms for information communication between systems to expand the reach of our clients' supplier and customer communication. CDX clients have the opportunity to send and receive declarations from and to external suppliers and clients, in a variety of protocols. Standards define how exchanged data is structured and interpreted, providing a common understanding and framework. The IPC 175x family of standards are good

examples: they define the data structure used to exchange declarations between otherwise disconnected parties. Parties need not share a common compliance tool; the standard provides a bridge between disparate platforms.

Data exchange protocols perform computer-to-computer information exchange. They do not display or manage product data, which is the function of data management systems such as CDX.

Exchange protocols provide a common communication medium, permitting solutions to provide value-added services not possible in the standards. Most data exchange standards lack the capability to add functionality, such as presenting the data in a human understandable format, securing communication of the underlying product data to aggregate supplied component data into more complex assemblies. These capabilities and others, e.g., analyzing product content conveyed by the structure, require external systems such as CDX.

CDX works with compliance data import and export in multiple recognized industry XML formats, including

- IPC-1752A,
- IPC-1754,
- IPC-1755,
- IEC-62474,

Insights

- CDX supports recognized compliance data exchange standards to extend supplier and client communications
- Cloud analytics and data creation, visualization and management capabilities deliver the compliance functionality needed for successful exchange of standard-defined data
- Seamless integration of content creation and management with secure supplier & customer reporting
- IPC 1752 and 1754 are examples of declaration standards that meet minimum reporting expectations
- Business requires tools and content; standards define the data exchange structure
- CDX goes beyond standards by providing secure, managed data creation, validation, storage, editing with revision control, management, and producing standard based declarations

- RMI-CMRT/EMRT,
- and Excel® XLSX.

CDX also supports select non-XML formats, such as

- IMDS Connect,
- CSV,
- and TXT.

CDX converts between these standards, enriching and aggregating submissions from various sources so companies and their supply chains can establish cross-industry, multi-tier data communication without data exposure. CDX even allows clients to accept in IPC-1752A format and send to your clients in IPC-1754 format!

You know your business. We know chemical regulatory compliance and sustainability.

Reach out to our consultants and start a collaboration to provide you the most mature, refined supply chain reporting in existence.

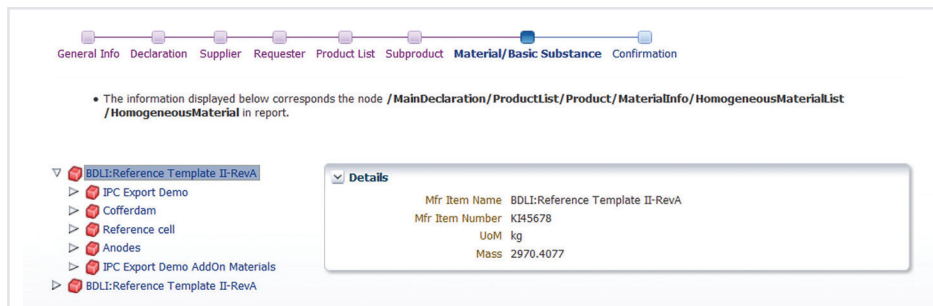


Figure 1. Import IPC 1752A into CDX via the User interface or Web Services, representing all the declaration information in an easy-to-use graphical format

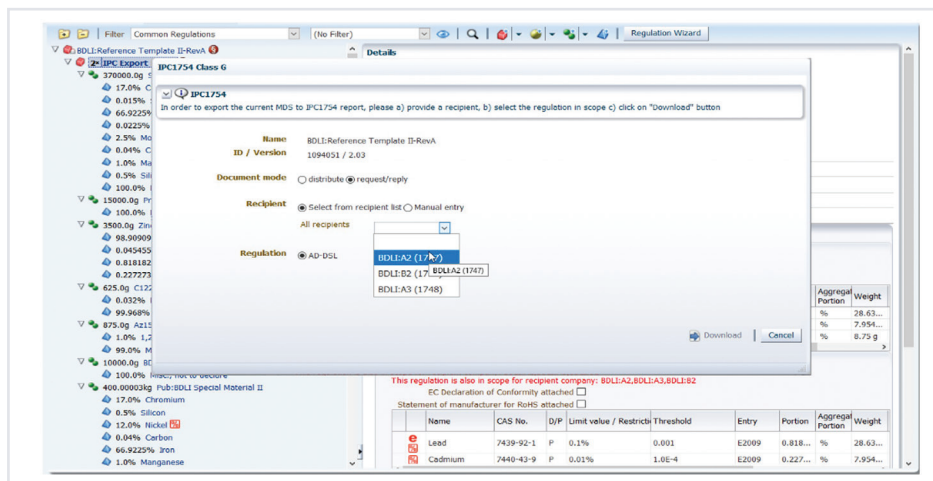


Figure 2. Parallel reality: Assemble supplier products to build your product. Enhance your product in CDX with value-added content to make it ready to report via export with specific scope in formats such as IPC-1752A, IPC-1754 or IEC-62474, or integrate CDX with in-house systems.



Figure 3. Utilize CDX feature-rich capabilities to understand, enrich, & improve compliance

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About DXC Technology

DXC Technology (NYSE: DXC) helps global companies run their mission-critical systems and operations while modernizing IT, optimizing data architectures, and ensuring security and scalability across public, private and hybrid clouds. The world's largest companies and public sector organizations trust DXC to deploy services to drive new levels of performance, competitiveness, and customer experience across their IT estates. Learn more about how we deliver excellence for our customers and colleagues at DXC.com.