

Key Links:[CDX Homepage](#)[CDX News](#)[CDX Application](#)**Contact us:**

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HPE's CDX – A Service for the Whole Supply Chain

As a supply chain communication tool, CDX (Compliance Data Exchange) is evolving alongside the progress of the implemented and upcoming Compliance Regulations, thus supporting not only current Compliance challenges, but also upcoming and management of obsolescence.

Current work ongoing within CDX to support the import and export of **IPC1752** XML format declarations is expected to be extended to the **IPC1754** standard when available to support free exchange of data between CDX, third party and in house systems that support the IPC1752 family of standards.

In other areas of development in CDX, **Korea RoHS** is due to be implemented in CDX complementing **EU RoHS** and **China RoHS** substance lists already present together with **IEC62474** to provide a comprehensive set of electronics industry focused regulations.

HPE attended the International Aerospace Environmental Group (IAEG) hosted by Dassault Aviation in Bordeaux, France, this month. IAEG is a global aerospace initiative focused on developing aerospace industry wide consensus solutions to issues such as carbon and sustainability reporting, and coordinated responses to REACH. IAEG is responsible for the Aerospace Declarable Substance List (ADS DSL), the first version of which was published earlier this year and is available in CDX today. A second iteration of this list is in progress and will also be implemented in CDX when available. IAEG is also charged with the development of a data exchange standard to support the collection of substance data on parts manufactured in the aerospace supply chain. IAEG has chosen to build this standard on the IPC1752 electronics standard, and consequently a new IPC1754 standard is in development and due for release late 2017. Heavy industry will also be using this standard, albeit with a different declarable substance list, and the American association of Equipment Manufacturers (AEM) has already chosen CDX as their platform to work with this standard.

This again manifests CDX as a service of choice for complex supply chains, supporting the collection, aggregation, and reporting of compliance data via one unified process in a comprehensible tool. Supply chains that have to report on **RoHS** (in various regional varieties), **REACH** (Annex XIV/XVII), **Battery and Packaging**, **CaProp65**, **Conflict Minerals**, and many much more will benefit from CDX's streamlined approach, including integration into in house processes and tools as well as import and export to standard reporting formats. The unique catalogue of substances, maintained by renowned substance experts, categorized according to the respective compliance schemes, allows for quality data and reliable and effective reporting of data.

HPE's CDX is the basis for data exchange within your supply chain so that you can obtain detailed substance information from your products.



With the aid of the **filter function**, here e.g. **REACH SVHC**, you can find out quickly and simply whether your product contain substances from the filtered list, as these are marked with a color on the bill of materials (BOM).

Once a new substance list is published, HPE **updates** this list immediately within CDX.

Workflow Management: With the Inbox & Outbox in CDX, you can quickly and transparently forward Material Data Sheets (MDS) to your customers and suppliers and create Declarations of Conformity for your product. External MDS requests are executed via an email process.

CDX also provides the ability to interface with your **ERP/PLM system** through the **Web Service**.

If you need more information, please contact the CDX Team at cdx-info@hpe.com.