# A contribution to waste prevention and detection

## HPE Compliance Data Exchange System

We live in a world with global supply chains and global regulations. Hewlett Packard Enterprise (HPE) Compliance Data Exchange (CDX) will assist you to efficiently gather, store, and report product content for use in compliance and material reporting to various government agencies worldwide. Capitalize on your supply chain's knowledge by using established standards, procedures and services. Become a green corporate citizen while minimizing your costs of reporting. Communicate product content with your suppliers and customers in real time by using HPE CDX. Stay ahead of new requirements by analyzing existing product content and planning where changes need to be made.

**Hewlett Packard**
Enterprise

**CDX**
compliance.data.exchange

## Context

Many countries and states have requirements about product content (i.e. RoHS, IEC62474, REACH, Hong Kong Convention, etc.), or related as i.e. the Dodd-Frank-Act on Conflict Minerals. Whenever reports have to be made, there is a large and expensive effort to collect and report on data that is distributed throughout an extensive supply chain. Keeping the process of collecting, storing and analyzing this data efficient while controlling costs is a major challenge for manufacturers of products. Distributing data responsibility throughout the supply chain helps to keep your risks in meeting international regulatory requirements as low as possible. You need a service that has proven its worth for many companies like yours – and additionally secures your IP.

You'll also need a practical roadmap for deploying the solution. And, you'll want to work with a reliable, knowledge-able partner who has close ties to the major enterprise software vendors and knows how to get the job done right – the first time.

## Solution Description

HPE CDX is a centrally operated and supported service that allows for standardized creation and exchange of Material Data Sheets (product structures, MDS), as well as CMDs (Conflict Minerals Declarations) throughout the supply chain by using our sophisticated Conflict Minerals Declaration Manager, thus supporting the establishment of material management processes. The service consists of a central database, a software application and user interface to make use of the data, as well as a substance service that ensures only valid data forms that basis of your MDSs, a material service that provides data for materials manufactured to a public standard, a service centre and training through our partners. As the core of the service is web based, no investment in additional software is necessary.

Though the main functionality and data structures are standardized for all industries and data may be communicated through all participating supply chains, the system is modularized, so that requirements of specific supply chains are easy to adapt regarding

- Data requirements
- Industry specific validation and processes
- Industry specific reporting

HPE, through working with a network of partners, can assist you in integrating CDX into your existing processes and systems (PDM, PLM, Procurement, Q&A). HP can provide support at every step of your implementation from consulting services through systems integration and software development projects. Data requirements in HPE CDX are both modularized and standardized, leading to efficient communication between all parties in the supply chain. The user interface is provided in several languages although English is the agreed upon language for data entry.

## Solution Benefits

–   No investment into hardware or software required

–   No need to implement complex processes and systems in-house for gathering and aggregating data from your suppliers

–   Service based on pay-per-use

–   Standardization connects different industries

–   Industries can build on the experiences of other industries and benefit from the economies of scale without the need to invest in their own solution

–   Flexible to implement industry specific data requirements (simple certificate of compliance to 100% disclosure) and reports

–   Information is aggregated through all levels of the supply chain in a comprehensive manner while protecting intellectual property

–   Basic data such as substances, substance groups and materials as controlled by an outside organization resulting in only valid data

–   Work is focused on your link in the supply chain – you assemble information related to your product, incorporating information on components and materials from suppliers resulting in efficient information collection

–   Capable of interfacing with your in-house systems

–   Proven solution and support structure

–   Global availability and operations at 24/7

–   Supported by HPE's global delivery teams and service centres

## Scope

Based on fee-for-service, HPE CDX is a web-based service built on long-term experience and industry knowledge in compliance reporting in the automotive industry. It is adaptable to different industry data requirements and emerging reporting requirements. The service includes:

–   Centralized database and web-based application

–   Backup and security

–   Service Desk

–   Substance and material services

–   Network of partners that can provide training and consulting on a fee-for-service basis

## Prerequisites

No prerequisites other than a sufficient internet access and a current browser (IE, Firefox, Google Chrome). Integration into your in-house systems and processes requires investment in an integration project.

## Duration

Initial set up of your account to use the HPE CDX system can be as quick as a few days, depending on your company's policies with web-based applications. Should you wish to integrate data into your in-house systems, duration is dependent on the depth and technical complexity of your organization.

## Why HPE?

HPE has extensive (14+ years) experience with solutions for compliance reporting in the manufacturing industries. Our delivery capabilities, and the experience and motivation of our people, makes us the ideal provider of this solution. Not only do we globally deliver applications and services around the clock, we also develop and implement, consult and integrate based on our broad industry knowledge and process experience. HPE is also part of the manufacturing industries branch and thus subject to material compliance reporting requirements. We know what it means to be a responsible global corporate citizen. Our experience is enriched by an organization serving multiple global regions providing support.

## Learn more at

http://www.cdxsystem.com

## Contact us

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