

Legal Compliance made easy

Ensure legal compliance and less risk with the iPoint Compliance Agent Electronics

The situation:

When manufacturing or marketing electronic products, producers and importers have to take into account complex legal requirements and regulatory codes. These codes vary around the world (e. g. REACH, EU RoHS, China RoHS...) and generate a multitude of provisions, such as the SVHC (Substances of Very High Concern) and its secure use. Stipulations on prohibited substances and material declarations are being continuously revised. In addition to the provisions of the law, customer specifications must also be met.

The challenge: There are a lot of different norms, e. g. JIG-101, IPC-1752, IEC 62474 and in addition customer specific formats (e. g. Nokia Excel). Legal Compliance information is often transmitted through the supply chain manually (by telephone, fax, or e-mail). Despite significant efforts, the resulting quality of documentation is often poor. When regulations change, the entire process must be repeated. Faulty or incomplete response from suppliers can lead to significant omissions.

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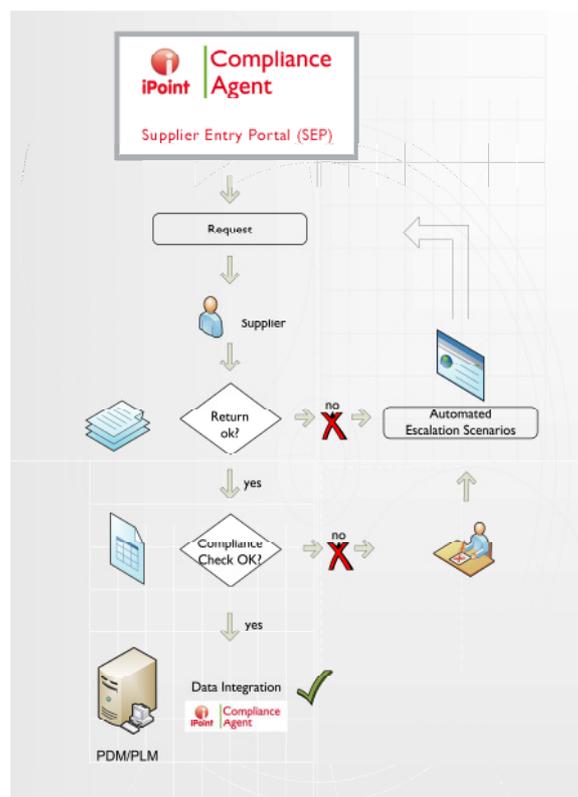
The solution:

Compliance Agent Electronics

iPoint Compliance Agent Electronics, your intelligent software integration tool, provides a master overview. The solution can be integrated into existing IT-systems (e. g. SAP). It captures existing data on materials and substances throughout the entire value chain. This information is checked for compliance to ensure that products satisfy the legal and customer specific requirements.

Supplier Entry Portal (SEP)

The Supplier Entry Portal (SEP) – an important part of the iPoint Compliance Agent Electronics – is the flexible supplier-communication platform. The process of gathering information is automated and also offers suppliers the opportunity to enter their components with the required information into the system. The SEP generates automatically requests for additional information particularly material declaration for supply parts. The information entered is checked to ensure it is plausible and complete. In addition, if a supplier submits no data, the Supplier Entry Portal offers user-configurable, automated escalation scenarios. Using a components information library on standardized components, this makes any enquiry unnecessary at suppliers.



Compliance Substance Inspector (CSI)

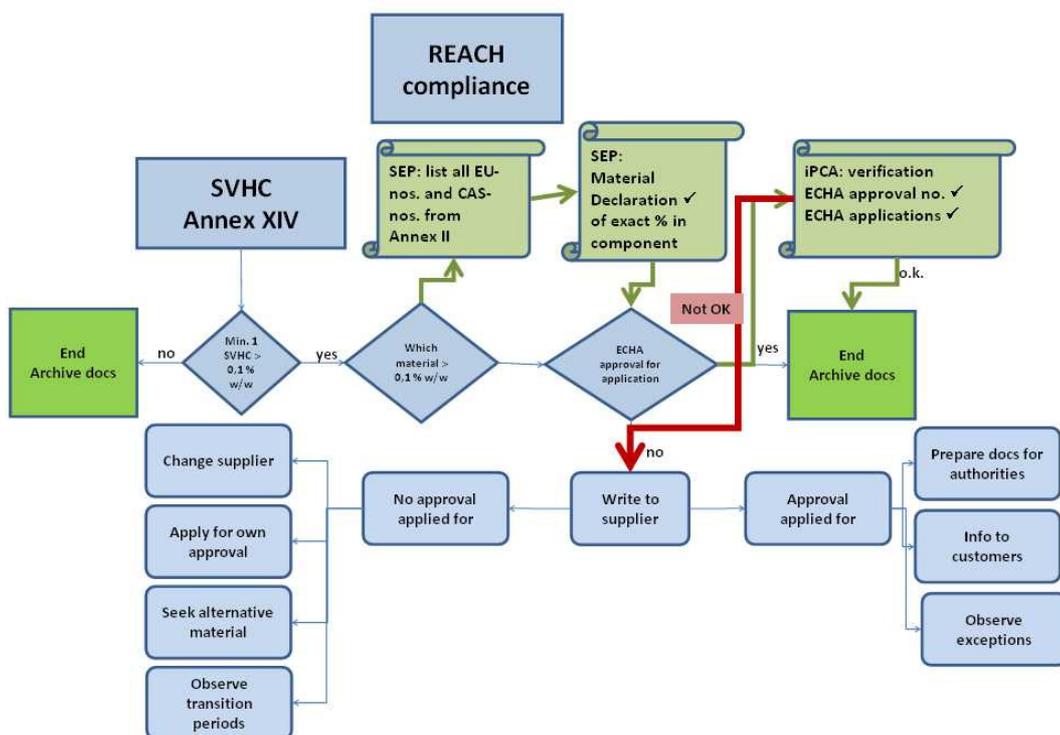
With the analysis module developed by iPoint, the Compliance Substance Inspector (CSI), incoming and outgoing data can be checked to fulfill special legal compliance requirements. Here changes in legislation and other specific requirements are automatically considered by the system. The Compliance Substance Inspector incorporates automated verification functions against legal requirements (RoHS, REACH, (SVHC), etc.) and also includes customer-specific requirements.

A great advantage is the complete integration of the iPoint Compliance Agent Electronics into already existing system environments of the customer, which has been implemented by iPoint many times, as iPoint is the specialist for system integration.

There are interfaces to existing systems, PDM/PLM and other systems. iPoint implements the latest developments in legislation and offers an update service which automatically loads the changes into the system (e. g. ROHS ReCast, changes in the SVHCs). Beyond you can also create own validation rules (e. g. customer requirements or other internal specifications).

REACH Assistant

The REACH assistant guides you through all necessary steps which are required to cover the REACH requirements.



The iPoint Compliance Agent Electronics can manage incoming safety data sheets (SDSs) as well as create own software based safety data sheets. All the functions required for REACH are mapped within the iPoint Compliance Agent: material composition of components and materials, product disclosure, management of safety data sheets, etc.

The iPoint Compliance Agent Electronics can be linked to gather relevant public source information and integrate additional data into the system through the Agent technology (e. g. all ECHA publications regarding substances, GADSL).

Glossary:

SEP
Supplier Entry Portal
= Supplier communication-platform

CSI
Compliance Substance Inspector
= Compliance checking tool

REACH
= new EU chemical regulation

SDS
Safety Data Sheet

SVHC
Substances of Very High Concern

The advantages at a glance:

- > **Ensure legal compliance and reduce costs**
- > **Complete process administration of information procurement – analyzing – reporting**
- > **Effective supplier integration – the system automatically checks only the data that is really needed**
- > **Automated and updated information to customers and authorities: at any time just point and click**
- > **The iPoint Compliance Agent Electronics can manage incoming Safety Data Sheets (SDSs) as well as create own SDSs software based**
- > **In- and outgoing data can be checked for legal compliance requirements (RoHS, REACH, ELV,...)**
- > **Certain changes in legislation are automatically considered by the system**
- > **iPoint implements the latest developments in legislation and offers an update service, which imports the changes automatically into the system (e. g. WEEE und RoHS ReCast, changes in the SVHCs)**
- > **Access to databases of public authorities and other external sources**
- > **Different formats and standards can be supported (e. g. JIG-101, IPC 1752, ZVEI Umbrella Specs, format of the FBDI, customer specific formats)**
- > **Reporting to customers is possible in order to inform by just point and click the compliance status of your products**