

product compliance pack

REACH & GHS Compliance.
Cost efficient and future proof.

REACH and GHS

For today's companies the maintenance of chemical, physical, safety and other data for their substances has become a major issue regarding to global and European legislation, like GHS and REACH.

REACH is the Regulation for Registration, Evaluation, Authorization and Restriction of Chemicals. It entered into force on 1st June 2007 to streamline and improve the former legislative framework on chemicals of the European Union (EU). REACH places greater responsibility on industry to manage the risks that chemicals may pose to the health and the environment.

The aims of REACH are to:

- ▶ Improve the protection of human health and the environment from the risks that can be posed by chemicals;
- ▶ Enhance the competitiveness of the EU chemicals industry, a key sector for the economy of the EU;
- ▶ Promote alternative methods for the assessment of hazards of substances;
- ▶ Ensure the free circulation of substances on the internal market of the European Union.

In principle REACH applies to all chemicals: not only chemicals used in industrial processes but also in our day-to-day life, for example in cleaning products, paints as well as in articles such as clothes, furniture and electrical appliances. REACH replaces about 40 pieces of legislation with a streamlined and improved Regulation. REACH has been designed not to overlap or conflict with the other chemical legislation (like GHS/CLP).

The REACH regulations state that, above a certain quantity of chemicals and other hazardous substances, you must register with the authorities the maximum quantities of these substances that you plan to purchase, import, produce, sell, or export within a certain period.

Impact of REACH and GHS

The introduction of REACH has a high impact on the process industry, due to the fact these heavy formulators use a large number of raw materials and introduce a large number of new formula's which are affected. Costs for preparation of the technical dossier and registration could be high, depending on the availability of assessments and study material and collaboration in a SIEF. Furthermore, these heavy formulators need to align or embed REACH processes or process controls in the current business processes, some of which are business critical. Without e.g. uses and exposure scenario confirmations from customers and suppliers and related registration, it is not allowed to import or sell the product within the REACH area. Besides the fulfillment of the technical dossier, the data needs to be published on the regulatory documentation, such as the SDS.



Product compliance pack

Product Compliance Pack predefined best practice processes

Product Compliance Pack

Atos provides a scalable business solution, Product Compliance Pack, which helps businesses achieving REACH and GHS compliance by assisting in the regulatory analysis of complex product formulations and generating hazard communication documents such as the MSDS/SDS, labels, etc. The Product Compliance Pack delivers predefined and compliant business processes for New Product Introduction (NPI), Product Safety, Dangerous Goods Management, Trading Goods, Substance Volume Tracking, Product & REACH Compliance 2.0, Incident Management and Label Printing.

It also includes the necessary regulation content.

End-to-end processes	Example Regulatory Compliance
Product Safety Management	SDS - Product safety legislations
Dangerous Goods Management	IMDG, IATA, TDG, ADR, RID etc.
Trading Goods Management	SDS - Product safety legislation
Substance Volume Tracking	REACH - tonnage bands
Supply Chain Collaboration	REACH - U&E scenarios
Product and REACH Compliance 2.0	REACH, EU-RoHS China RoHS, IMDS, etc.
Label Printing	GHS, CLP

Processes within the Product Compliance Pack

Supply Chain Collaboration

Compliance Management contains functionality that supports the communication processes related to U&E according to REACH and the cooperation within the logistic chain towards both the suppliers and the customers.

Product Safety

Product Safety is the core of the SAP EH&S solution and provides your company with a solid base for facing REACH/GHS/CLP obligations.

Dangerous Goods Management

The solution empowers companies for the full automatic dangerous goods management process throughout the entire supply chain.

Trading Goods

The Trading Goods scenario enables companies to import Safety Data Sheets in SAP EH&S that are created outside their own EH&S environment.

Substance Volume Tracking

Substance Volume Tracking determines the volumes of substances existing in products available in warehouses, production lines and in the sales process. This module will assist you in achieving a REACH compliant product life cycle.

New Incident Management

Incident management supports a complete closed-loop incident management process - from initial reporting of near-misses or accidents, through investigation, final close-out and reporting. All incidents are managed in one system, with automatic data collection with SAP software.

Product and REACH Compliance 2.0

Process and discrete industry manufacturers need to prove the safety of substances, products, and their uses according to the REACH regulation. Discrete industry manufacturers need to provide proof of compliance with environmental directives, such as EU RoHS, China RoHS, JIG, and GADSL.

Label Print Cockpit

The LabelPrintCockpit offers a solution for the immediate, quick and error-free creation of labels for hazardous materials, dangerous goods, product and logistics, following the currently applicable regulations of the new GHS ordinance.

Components of the Product Compliance Pack

- ▶ SAP EH&S;
- ▶ SAP REACH Compliance Suite;
- ▶ Compliance Engine;
- ▶ WWI - regulatory document generator;
- ▶ DataLink;
- ▶ Enhance;
- ▶ Solution Manager;
- ▶ ARIS - Business Designer.

The Product Compliance Pack is based on SAP EHS Management and the SAP REACH Compliance Suite, and comprises:

- ▶ Full documented processes in ARIS;
- ▶ Business blueprint document, based on best practices and fit/gap analysis;
- ▶ Configuration settings and documents in SAP Solution Manager;
- ▶ Regulatory content specific for your line of business and geographies;
- ▶ Multi-lingual phrase library (44 languages);
- ▶ WWI SDS templates (Global, including GHS/CLP).

Additional components used are the Compliance Engine, DataLink and Enhance.

Accelerated Implementation

The Product Compliance Pack offers a thorough and efficient approach for your REACH compliance project. Based on the experience of multiple implementations, Atos has designed it as a proven, best practice solution. Because of the modular setup, you can choose and pick the processes and functionalities relevant for you.

Sector Specific Solution

Companies in specific industries operate in a complex regulatory environment, resulting in high costs and complexity of compliance management.

The Product Compliance Pack enables companies in specific industries to leverage regulatory product compliance as a sustainable competitive advantage. Combining the foundation of SAP EH&S Specification Database and related modules and value-added, highly dynamic Managed Regulatory Content, Atos Origin's Product Compliance Pack offers in addition to generic regulations, sector specific content for the following industries:

- ▶ Paints, Coatings & Inks
- ▶ Healthcare
- ▶ Chemical & Petrochemical
- ▶ Adhesives & Sealants
- ▶ Fragrances & Flavours
- ▶ Pharmaceutical

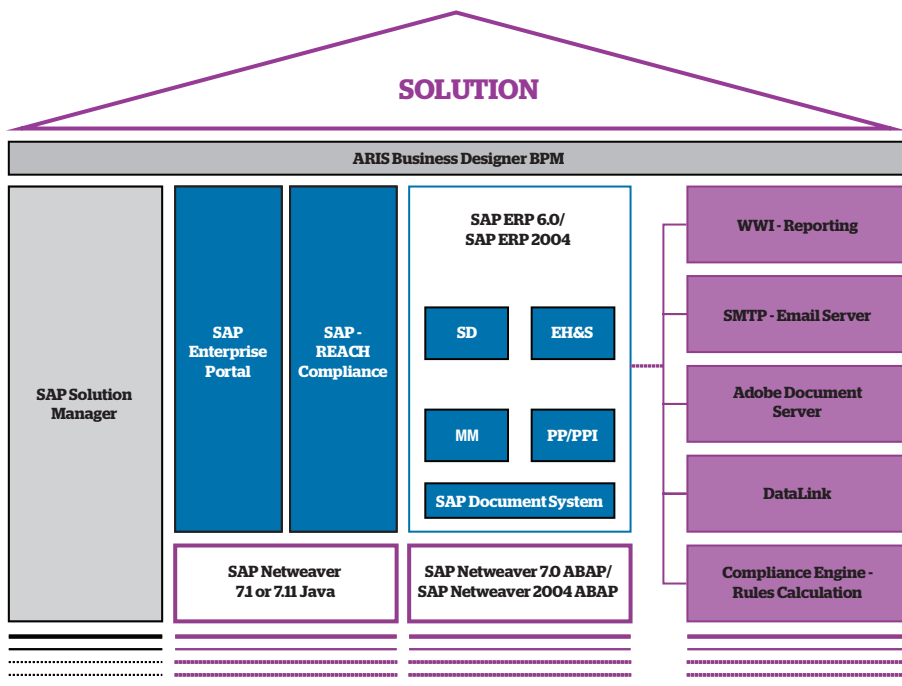
The ready-to-run documented processes in ARIS and SAP Solution Manager eliminate the need for extensive and expensive solution blueprinting. Furthermore, implementation accelerators will enable a lean and efficient way of introducing the solution in your organization.

Benefits

- ▶ Full scalable solution;
- ▶ Possibility to integrate with ARIS Business Designer;
- ▶ Accelerators, such as predefined end to end processes (ARIS and Solution Manager);
- ▶ Predefined EH&S and REACH blueprint and configuration documents;
- ▶ Shorten implementation projects (fit/gap instead of blueprint);
- ▶ Sparring partner for EH&S and REACH optimization, supported by IT solutions;
- ▶ Global Coverage of Regulatory Rules, all local GHS implementations supported, automated generation of full 16 section SDS in 44 languages; less ongoing customization and maintenance;

The Product Compliance Pack is developed using Atos worldwide experience in SAP EHS Management implementations. As a result it enables companies to quickly apply industry best practices for achieving product compliance.

- ▶ Impact assessment of classification and labeling changes due to changes in regulations and / or product data on-line, before committing them in EH&S;
- ▶ Enhanced functionality for automation, efficiency, transparency and management of rules results;
- ▶ Robust, scalable solution, underpinned by enterprise IT architecture, a must have for all formulators;
- ▶ Fixed implementation time;
- ▶ Fixed scope;
- ▶ Fixed pricing;
- ▶ Turn key solution.



Product compliance pack

More information

Atos Product Compliance Pack is a future proof and cost effective solution, which enables companies reaching their product compliance goals.

For more information, please visit:

nl.atos.net/productcompliancepack

You can use the PCP Budget Estimator to get an indication of the costs. Based on a number of simple questions about your specific situation and requirements, you will receive a budgetary quote for the implementation of the Product Compliance Pack in your organization.

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Atos and EH&S

Atos is a leading international information technology (IT) services company, providing hi-tech transactional services, consulting, systems integration and managed operations to deliver business outcomes globally. Atos is the Worldwide Information Technology Partner for the Olympic Games and has a client base of international companies across all sectors.

Atos has worldwide experience in SAP EH&S Management implementations and an extensive track record in manufacturing and healthcare industries.



Atos received the SAP Quality Award 2010 for her SAP REACH Compliance Suite implementations.



Atos became Special Expertise Partner Sustainability in 2011