

SAP GTS Implementation with SI PRO EHS-GTS Connector

Biesterfeld sought a partner for the implementation of SAP GTS (Global Trade Services) and found the ideal partner in SI PRO. The focus of the collaboration was on a wide range of national laws, EU regulations, and international conventions.

AT A GLANCE

Challenges

- Reimplementation of SAP GTS
- Integration of SAP GTS into the existing SAP ERP
- Integration of SAP EHS for automatic substance-level classification
- Reduction of manual processing steps
- Development of Biesterfeld's own trade control content: More than 10,000 CAS numbers and HS codes
- Customer-specific compliance checks
- Consideration of logistical special processes
- Mapping of intercompany business
- Expansion of SAP GTS standard functions
 - ABAP rule frameworks for automatic classification
 - SAP GTS license management suggestion system
 - Compliance block workflow with detailed emails for key users
 - Control of SAP GTS follow-up functions such as order and delivery in the SAP ERP sub-system

Customer Benefits

- Optimal support for classification activities and compliance responsibilities at Biesterfeld
- Savings in time-consuming routine tasks, allowing more time for complex processes
- Development of the SAP GTS EU template for accelerated roll-out in additional EU countries
- Implementation using SAP GTS standard
- Easy scalability for additional functionalities (preferences, sanctions lists, and customs) and regulations
- Advanced functions: Trade control classification at material level
- Development of internal SAP knowledge through SAP GTS training
- Smooth GoLive
- Establishment of a foreign trade organization capable of operating across Europe and globally

The Biesterfeld Group

Biesterfeld AG, headquartered in Hamburg, is an internationally leading distributor of plastics, rubbers, and specialty chemicals, offering technical expertise and consulting services for a broad product portfolio. Founded in 1906 as a trading and service company, the fully family-owned business currently employs more than 1,100 people at over 50 locations in Europe, North and South America, Asia, and Africa.

The Starting Point

Biesterfeld sought an implementation partner for the introduction of SAP GTS (Global Trade Services). The project scope included a variety of regulations such as the EU-Russia embargo, long-term embargo, Rotterdam Convention, Chemical Weapons Convention, German Export List, EU Dual Use Regulation, the Foreign Trade and Payments Act (AWG), US re-export, and the Generic Prohibition Law. One of the challenges was the high complexity of the project.

The Goal

The goal of the project was the implementation of GTS with integration of SAP EHS and SAP ERP. This also involved integrating new SAP GTS functionalities, such as SAP GTS Foreign Trade, into day-to-day operations. The logistical processes and compliance requirements were to be analyzed, and the target business processes were to be designed in a way that would enable a Europe-wide roll-out.

The Solution

Together with SI PRO, concepts were developed for the implementation and creation of the required master data in SAP GTS and SAP EHS.

With the EHS-GTS connector, Biesterfeld has a solution that connects SAP GTS with either SAP EHS or SAP ERP systems, as recalled by Mrs. Gretha Brand (Manager Export Control). Selected data is extracted from the source system, evaluated, and fed back into SAP GTS. In the chemical industry, the SI PRO EHS-GTS connector is primarily used in product classification. It relies on key data, which is processed for SAP GTS and reduced to the legally relevant trade information.

Thus, the EHS-GTS connector takes on a significant portion of master data maintenance in SAP GTS, making it a great relief in the automated classification of materials.

