

Success Story

Export Control and Customs at a New Level: Diehl Aerospace relies on SAP GTS Edition for HANA

Diehl Aerospace specifically sought professional SAP GTS consulting to efficiently implement SAP Global Trade Services. The project focused on complex requirements – including national customs processes via ATLAS, compliance with EU and US trade control regulations, and a consistent compliance strategy. Thanks to SI PRO's expertise in SAP GTS implementation, Diehl Aerospace was able not only to realize a future-proof solution in foreign trade and customs software, but also to significantly simplify and efficiently map complex issues.

AT A GLANCE

Challenges:

- Implementation of SAP GTS e4H with the modules Compliance Management & Customs Management (Export)
- Replacement of the legacy system with selective master data migration (business partners, products, tariffing, and classification)
- Integration of SAP GTS into the logistical processes of the SAP ERP source system
- Connection of SAP GTS to customs authorities via Seeburger middleware for handling customs procedures, including standard and simplified export processes as well as inward and outward processing (IP and OP)

Services provided:

- SAP GTS implementation as a greenfield project with FIT/GAP analysis and process design
- Setup of a three-tier SAP GTS system landscape (including sandbox & basic configuration, Fiori Launchpad & apps)
- SAP GTS training for key users, support during User Acceptance Testing (UAT)
- Go-Live Support & Hypercare

Customer Benefit:

- Modern, innovative, and integrated solution that seamlessly fits into business processes, offers a high degree of automation in customs and foreign trade procedures, and meets all requirements for audit and compliance security

The Customer: Diehl Aerospace

Diehl Aerospace, a company of the Diehl Aviation Group, has been developing and producing high-quality systems and equipment for the aerospace industry for nearly 20 years. With over 1,000 employees, the company supplies renowned aircraft manufacturers such as Airbus and Boeing in the civil aviation sector. In addition, Diehl Aerospace is a key supplier for military programs, including the Eurofighter.

The Challenge:

For many years, Diehl Aerospace used the SD/FT module with several enhancements within the SAP R/3 ECC system, as well as an external SAP add-on for customs processing. As part of the planned migration to SAP S/4HANA, key functionalities of the existing SD/FT module were discontinued. Additionally, migrating the customs add-on in use would have been necessary. Within the SAP S/4HANA strategy, the central requirement was a holistic solution approach focused on standardization, minimal custom developments, and the avoidance of non-SAP add-ons. The goal was a fully integrated SAP system landscape – from a single source, future-proof, low-maintenance, and efficient.

The decision to work with SI PRO was deliberate, as the company is an experienced SAP GTS service provider with extensive expertise in implementing customs-relevant processes. A particular highlight was the successful collaboration with customs authorities, which enabled even complex requirements to be handled efficiently. *"Thanks to the thorough preparation for the go-live, the transition went smoothly and without any disruptions. Without this careful planning, our logistics would have come to a standstill."* – Eric Gros, Managing Director (CFO). SAP GTS, Edition for HANA – a solution that not only meets the strict requirements of the safety-critical aerospace sector but also provides a certified and legally compliant connection to customs authorities.

The Result:

After 18 months of intensive project work, the new SAP GTS e4H system was successfully put into production in May 2025. The implementation was completed on schedule, and all project requirements were successfully met, including:

- Individually configured compliance checks: Sanction list screening (SPL), embargo and legal export controls (Foreign Trade and Payments Ordinance, EU Dual Use, US re-export), as well as integrated license management
- Automated data proposals for customs declarations, including authorization management and document identification