



Evonik Industries AG – Success Story

Transition of the existing SAP IHS occupational safety solution to SAP S/4HANA Health & Safety Management

AT A GLANCE

Challenges

- Development and implementation of a migration concept to transfer existing master data (locations, tasks, people assignments, workplace measurements, risk assessments and associated documents)
- Management of operational and employee data in occupational safety
- Preparation of risk assessments
- Management of hazardous substance inventories
- Mapping of workplace measurements of hazardous substances in SAP
- Generation of measurement reports and reports for checking the effectiveness of protective measures
- Creation of exposure inventories in accordance with paragraph 14 GefStoffV (Hazardous Substance Ordinance)
- Implementation of a release, versioning and signature concept for PDF reports
- Parallel implementation of a large number of interconnected additional developments within a tight time frame

Customer Benefit

- Timely SAP S/4HANA Health and Safety Management implementation
- Fulfillment of documentation obligations by retaining the existing IHS master data
- Optimal use of the SAP standard
- Building internal SAP know-how
- Integration of optimized processes

Evonik Industries AG

With more than 33,000 employees in over 100 countries, Evonik Industries AG is a global leader in specialty chemicals.

The Challenge: Brownfield Approach

As part of the NextGen ERP project, Evonik Industries has transitioned their SAP systems to S/4HANA in order to be able to use the new S/4HANA functionalities and to ensure maintainability and central support.

In the area of occupational safety, Evonik Industries has a team at its Marl location that measures and assesses hazardous substances in the air at the workplace. As an IT system for mapping workplace measurements, assessing and documenting measurement results as well as managing the employee exposure database, Evonik Industries used the EHS sub-module IHS, which was transferred by SI PRO to the corresponding SAP S/4HANA Health and Safety Management solution. For this purpose, SI PRO developed and implemented a migration concept in order to be able to continue to use existing master data, summarizes André Thebing, IT Project & Portfolio Manager of Evonik Industries AG.

The solution: SAP S/4HANA Health and Safety Management

In general, the new S/4HANA occupational health and safety solution offers a user-friendly, web-based interface by implementing occupational health and safety processes using Fiori apps. Evonik Industries took advantage of this opportunity: SAP S/4HANA Health and Safety Management was introduced together with SI PRO for occupational safety, thereby optimizing occupational safety processes.

The embedded content for regulatory lists with occupational exposure limit values for hazardous substances that is already included in the SAP standard allows the manual maintenance effort to be significantly reduced. Furthermore, the hazardous substance inventories that were newly included in the SAP standard could be used to integrate them into the measurement reports.

Optimization of occupational safety processes

With the help of developments based on the SAP standard, additional input fields were created in the Fiori apps so that all data points relevant to occupational safety could be completely recorded and processed in SAP. In the next step, the additional data fields were integrated into the reports to be created (e.g. measurement reports or employee exposure reports). This means that they can fully automatized be filled with the recorded data, without the need for manual post-processing. By implementing a versioning and sign-off concept, the subsequent processes were also successfully mapped into SAP.