

SAP Customer Success Story

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Claus Peter Weber, Head of Employee Health and Safety, DSK



AT A GLANCE

Company Name

Deutsche Steinkohle AG,
Germany
www.deutsche-steinkohle.de

Industry

Coal mining

Key Challenges

- Manage dangerous materials and further enhance company commitment to environment, health, and safety goals
- Ensure safety of employees and avoid accidents
- Integrate new employee health, safety, and environmental solution connected to key business processes

Implementation Partner

RAG INFORMATIK GmbH

Solution and Services

- mySAP™ ERP Corporate Services
- SAP® Environment, Health & Safety
- SAP Business Intelligence, a component of the SAP NetWeaver™ platform

Existing Environment

Various mainframe applications

Implementation Highlights

- Hazardous substance management
- Injury log and accident log
- Risk assessment

Key Benefits

- Safety in employees' work environment
- Management of entire process with modern, integrated solution – from dangerous goods information to warehouse administration
- Transparency and control
- Reduced operational costs

Hardware

Sun, Compaq

Operating System

Microsoft Windows XP

DEUTSCHE STEINKOHL E AG

mySAP™ ERP CORPORATE SERVICES SUPPORTS EMPLOYEE HEALTH AND ENVIRONMENTAL PROTECTION

German coal-mining giant Deutsche Steinkohle AG (DSK), with the leadership position in its industry and a workforce numbering 45,000 employees, has always placed a high priority on environmental protection and employees' health and safety. To support that commitment, the company implemented SAP® Environment, Health & Safety (SAP EH&S), an application in the mySAP™ ERP Corporate Services solution.

Deutsche Steinkohle AG had been using a mix of different applications in a mainframe environment for its enterprise IT solution. When it switched to SAP solutions to run its business, DSK picked mySAP ERP Corporate Services and its environmental, health, and safety capabilities to integrate employee health and safety, and environmental protection more tightly into its overall business processes.

“The EH&S capabilities of mySAP ERP Corporate Services, the solution’s flexibility, and the ease of integration into our existing environment were the deciding factors,” says Claus Peter Weber, head of employee health and safety at DSK. “mySAP ERP Corporate Services has enabled us to implement a modern safety management concept that is directly linked with the business processes in our core information technology solution.”

The first phase of the implementation focused on the product safety capabilities of mySAP ERP, particularly the listing of all hazardous substances encountered in normal operations. The

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substance database is linked with material masters in order to facilitate detailed reporting for internal and regulatory requirements.

“We also use the information from the dangerous goods material master,” says Ralf Pörrmann, SAP consultant at DSK. “This intelligence is routed to our warehouse administrators so they have a comprehensive understanding of the dangerous goods and can create logistical and transport instructions and other necessary documentation.”

The result is increased employee safety and environmental protection. “Our aim is to guarantee the highest possible standards in this critically important area,” Weber says. “At DSK, the health and safety of our employees is an absolutely essential aspect of all operational procedures.”

DSK also achieved better operating efficiency. “Our move from older, heterogeneous systems to the integrated SAP solution has helped reduce our costs, streamline our processes, and introduce more transparency into our operations,” says Jurgen Heske, project manager.

IMPROVED INFORMATION AVAILABILITY

DSK is based in Herne, in the Ruhr Basin area of Germany. The €4.4 billion company is the result of a 1998 merger between Ruhrkohle Bergbau and Saarbergwerke. Some 500 users access the solution directly at 12 coal mines and at several other administrative locations. More than 8,500 users access the core SAP enterprise solution.

Integration is a key benefit of mySAP ERP Corporate Services and its EH&S capabilities. “If an incident or accident occurs, you must quickly access all the master data for the people involved,” Pörrmann says. “When you deal with dangerous substances, you need to retrieve complete information from the material management system. The primary benefit of the SAP solution is the tight integration among all these information sources and business processes, which in this case includes EH&S with mySAP ERP Corporate Services and SAP functions for human capital management and materials management.”

DSK also rolled out the SAP EH&S occupational health function. This function includes business processes for conducting, documenting, and archiving the results of regular preventive examinations (health surveillance protocols) and for issuing medical certificates and reports. The occupational health function enables DSK to maintain complete records of all examinations, consultations, and treatments its employees receive from the company’s health center. The function also lets DSK health and safety officials assign protocols based on employee activities and exposures and take an active role in site inspection and risk assessment in the workplace.

DSK expects to follow up the implementation of the occupational health function with a rollout of the SAP EH&S industrial hygiene and safety management capabilities as well as waste management functions. The company also plans to use SAP Business Intelligence to analyze, measure, and support its research into the causes of industrial accidents. “Our number-one priority is the safety of our employees and avoiding accidents,” Heske says.

A STATE-OF-THE-ART RESULT

DSK implemented mySAP ERP Corporate Services and its environment, health, and safety capabilities with the assistance of IT service provider RAG INFORMATIK GmbH. DSK now has a state-of-the-art safety management solution that is directly linked with the business processes in its core information-technology system.

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