

## SAP Customer Success Story



**Aventis Pharma Deutschland GmbH**, a leading enterprise in the German pharmaceutical industry, successfully uses the environment, health, and safety capabilities of mySAP™ Product Lifecycle Management (mySAP PLM) to make safety data available on its intranet and to automatically dispatch safety data sheets from sales and distribution. mySAP PLM Environment, Health and Safety (mySAP PLM EH&S) also enables the company to automate additional EH&S processes – in industrial hygiene and safety, for example – and to replace legacy systems. This and the high integration in central business processes create synergies, which reduces costs considerably.

## AVENTIS PHARMA DEUTSCHLAND GMBH

**INTEGRATION OF ENVIRONMENTAL AND SAFETY MANAGEMENT IN CENTRAL BUSINESS PROCESSES WITH mySAP™ PLM ENVIRONMENT, HEALTH AND SAFETY**

### LEADING THE COMPETITIVE PHARMACEUTICALS MARKET

With a staff of about 7,400 and revenues of approximately €2.3 billion in 2000, Aventis Pharma Deutschland GmbH is a leading pharmaceutical enterprise in the German market. It focuses on developing, manufacturing, and marketing innovative prescription drugs and improving previously inadequate forms of treatment. The drugs and services it offers make Aventis Pharma Deutschland a competent partner for doctors, pharmacists, and patients in numerous important areas of treatment. Its areas of competence are allergology, analgesics, antithrombotics, asthma, dental products, dermatology, diabetology, infectology, cardiology, nephrology, neurology, oncology, osteoporosis, and rheumatology. Frankfurt am Main is not only one of Aventis Pharma's large production centers for sterile products, solutions, and creams, but also one of three strategic research centers worldwide concentrating on cardiovascular and metabolic conditions, osteoarthritis, and thrombosis.



### **AIM: EFFICIENT MANAGEMENT OF ENVIRONMENTAL DATA**

In the highly competitive pharmaceuticals market, it is critical to perform efficient, global management of data and documents related to corporate safety and the environment. The legacy data processing system that Aventis Pharma used for this purpose was gradually no longer able to meet growing demands, particularly for worldwide availability of data and integration into business processes. Therefore in 1999, the company replaced its labor-intensive and cost-intensive legacy system with mySAP™ PLM Environment, Health and Safety (mySAP PLM EH&S). Aventis Pharma's decision to use mySAP PLM EH&S was based on features such as its easy integration into logistics and sales processes, the significant synergies associated with it, and the ability to use and standardize EH&S information worldwide.

### **AUTOMATIC DISPATCH OF REQUIRED DOCUMENTS**

Business processes within the environment, safety, and authority services department at Aventis Pharma Deutschland have been supported by the product safety functions of mySAP PLM EH&S since it went live in July 1999. For example, safety data sheets are automatically dispatched from sales and distribution and are forwarded to customers when required, in accordance with statutory requirements. Many users value the great flexibility of mySAP PLM EH&S in producing the documents they require.

### **CENTRAL DATA STORAGE ACCESSIBLE TO THE WHOLE COMPANY**

All legal and technical information relating to the substances used at Aventis Pharma is centrally managed in mySAP PLM EH&S. The database also contains chemical and physical information on the hazardous substances used. Toxicological and ecological data, such as information on transporting dangerous goods, can be retrieved at any time. A Dok-X interface supplies emergency management at the industrial park in Frankfurt-

Höchst with the necessary environment, health, and safety data. Moreover, since January 2001, sites in the areas of drug innovation and approval (research and development), process development, and production have been able to retrieve safety information from the intranet on the substances used. The TechniDATA AG Web interface is used for this information retrieval and is becoming more and more popular.

The integrated rule engine SAP® EH&S Expert proved to be very useful for entering, editing, and updating EH&S data. Its sets of rules simplify the mass processing of changes in legislation and enable the engine to calculate the contents of dependent fields automatically. This significantly improves the quality and consistency of the data.

### **TROUBLE-FREE RELEASE UPGRADE**

The strategic orientation of IT toward the standardization, integration, and use of e-business functions at Aventis Pharma also created new requirements in the field of environment, health, and safety. Early on, it became clear that the newest release of mySAP PLM EH&S capabilities could fulfill these requirements. Therefore, the enterprise decided to change to this release right away in consultation with TechniDATA AG. Aventis Pharma profited from TechniDATA's industrial sector know-how and system experience as an SAP development partner in the area of EH&S. "In this way, we managed to get the upgrade project with the conversion of substance management to general specification management off the ground in an extremely short time," says Dr. Peter Schmidt, key account manager for environmental safety and health and the project manager for the mySAP PLM EH&S effort at Aventis Pharma.

Continuous quality control and careful time management contributed significantly to the success of the project. After the successful transition to the new release, mySAP PLM EH&S ran almost faultlessly from the start. The implementation of Multi-

Display/Multi-Processing code pages (MDMP), which was necessary because Aventis Pharma uses the CED phrase library in 18 languages, worked excellently, and initial doubts were quickly dispelled.

### **NEW FUNCTIONS CREATE NEW POSSIBILITIES**

By changing to the current release of mySAP PLM EH&S capabilities, Aventis Pharma Deutschland reached the most important milestone on the route to automating additional business processes with mySAP PLM EH&S.

**“mySAP PLM EH&S provides the strategic solution for mapping our environment and safety management processes.”**

**Dr. Peter Schmidt, Key Account Manager ESHA,  
Aventis Pharma Deutschland GmbH**

Aventis Pharma now plans to implement a global solution, from which centrally recorded specifications and standardized reports will be distributed to international subsidiaries. The German installation of mySAP PLM EH&S will serve as a pilot for this effort and will be extended further to form the global solution.

The integration of mySAP PLM EH&S with the remaining business processes that are automated with SAP solutions at Aventis Pharma will also be speeded up in the future. Aventis Pharma recognizes this integration as one of the strengths of mySAP PLM EH&S. Dangerous goods man-

**“mySAP PLM EH&S replaces the maze of stand-alone country-specific solutions that are like small country lanes – and provides us with a fast, multilane highway for the integrated environment, health, and safety business.”**

**Dr. Peter Schmidt, Key Account Manager ESHA,  
Aventis Pharma Deutschland GmbH**

### **At A Glance**

<b>SAP Solution</b>	mySAP PLM Environment, Health, and Safety 2.7B
<b>Hardware</b>	HP NetServer LH 6000, 2 x Pentium III Xeon / 70MHz, 2048 MB RAM
<b>Operating System</b>	Windows NT 4.0
<b>Database</b>	Oracle 8.0.6.1.0: current size 40 GB
<b>Number of Users</b>	15 end users of mySAP PLM EH&S (data entry) and several hundred users connected via Web interface (read access to the report database)

agement functions have been used in this way in sales and distribution processes for a long time now; plans are becoming more concrete for the expansion of mySAP PLM EH&S to serve the company's needs in waste management, industrial hygiene and

safety, and occupational health. With this in mind, Aventis Pharma has begun a project for industrial hygiene and safety and plans to go live with risk assessment according to German labor protection laws and internal legal requirements at the start of 2002. In this way, the functions of stand-alone solutions, which are costly to operate, can eventually be mapped in all areas of environment, health, and safety with

mySAP PLM EH&S, creating synergies and greater visibility to information and further reducing costs considerably.

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