



Image: Evonik Industries

EVONIK INDUSTRIES

Thanks to SNP, we were able to protect our data securely and in compliance with the law.
Jens-Ulrich Voigt, Project manager, Evonik Services GmbH

Complete Data Security at Evonik Industries

About Evonik Industries

Evonik is one of the world's leading specialty chemicals companies. Profitable growth and sustained value creation form the heart of the company's strategy. Evonik generates around 80 percent of its sales from leading market positions. The company focuses on fast-growing mega trends – primarily health, nutrition, resource efficiency, and globalization.

Further information: www.evonik.com

The Challenge

As a global company, Evonik must adhere to a variety of legal provisions and guidelines in numerous different countries governing the protection of sensitive data. Evonik processes sensitive data and data critical to the company (true productive data) in its 36 SAP® systems, such as ERP, CRM, and SCM, with around 8,000 active users.

In order to increase the quality of developer tests, the company needed to transfer data and complete transactions from production to testing and development systems. The sensitive data included needed to be comprehensively protected in compliance with applicable laws. As a result, the selected IT solution needed to be able to take local data privacy provisions, such as Germany's Data Protection Act, into account, as well as internal company guidelines governing the protection of intellectual property – including when the data is masked.

The Solution

To ensure that the productive data is fully protected in the testing and development environments, Evonik relied on SNP Data Provisioning & Masking in addition to the SAP Test Data Migration Server.

Thanks to this solution, the data is masked within the scope of a consistent process without causing downtimes in the productive system. Evonik's quality assurance system with actual productive data serves as the source system. Users only have access to this system with sensitive data in accordance with their respective roles and authorizations from production. In this way, Evonik can significantly reduce the risk of both internal and external abuse of data.

In contrast, the development environment serves as the target system. Here the data is provided to the developers in masked form and is made available only for the required period of time. The masking process is carried out automatically and is documented transparently. In addition, Evonik can expand its masking rules and make its own adjustments.

Thanks to the SNP solution, sensitive data such as names, addresses, and bank account information – but also data critical to the company such as formulations and parts lists – is protected in Evonik's systems in compliance with the rules and legal stipulations. Within the scope of this project, approximately 600 million datasets with a volume of over 480 GB were migrated, and 120 million datasets were masked.

The Advantages

- Evonik ensured that personal data and data worthy of protection is handled around the globe in a manner compliant with the law
 - Critical corporate data and trade secrets are protected
 - Data integrity is secured
 - Use of predefined standard masking rules as well as the ability to define custom masking specific to the company
 - Comprehensive tests on the development systems are possible thanks to masked (but reduced) testing data
 - Integration tests can be carried out using masked testing data across a variety of systems
 - Implementation of off-shore and near-shore concepts for the users of the development systems
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