EPI·USE LABS
value through innovation

MAPA (including BILLY BOY) – Customized protection for sensitive SAP® HCM data

"Data Secure anonymizes our SAP test data quickly and easily."

"Thanks to Data Secure, we can anonymize all sensitive SAP HCM data, such as employee-related data, in a very short time."

Malte Podszus, Consultant FI/CO/HR | MAPA GmbH

MAPA

The key challenges
MAPA needed
- to run, use and test the SAP test system just like the production system after masking
- the option to select and mask any field
- the power to enhance masking outside of SAP HCM (for SAP ERP)

Project goals
- To prevent a system split between SAP HCM and ERP
- To create consistent and secure test systems
- To implement international security standards in compliance with the BDSG
- To empower employees

About MAPA
Since 1947 MAPA GmbH has had its headquarters in Germany on a 165000m2 site in Zeven, between Hamburg and Bremen. As a leading company in the market segments of contraception (BILLY BOY, Fromms and Blausiegel), household items (SPONTEX), and Baby care (NUK), MAPA GmbH's brands enjoy global recognition. Subsidiaries, affiliated companies and strategic sales alliances are located in Europe, America, Asia, Australia and Africa.

www.mapa.de

Existing IT situation
The fundamental challenge in recent years has been the integration of various SAP systems within the MAPA group. Due to global sites and the associated time differences, IT requirements have, in the past five years, evolved into a high-availability SAP system.

All our companies are on one SAP system with two clients. The various SAP systems used are ERP, CRM, APO and BW. Standardisation of the processes aims to ensure improved security for sensitive SAP data in the future.

Reasons for choosing Data Secure™
- simplicity through the provision of user profiles
- Provisioning of pre-configured masking profiles
- speed, thanks to automation
- selective copying and masking of fields

Implementation highlights
- fast installation, due to complete SAP integration
- immediate use of the solution as hardly any customising was required

Main customer benefits
- Flexible anonymisation for all of SAP ERP
- Secure test and training systems
- No middleware used

Chosen solution and services
- Data Sync Manager™ - Data Secure™
- Two-day training session

The international challenge: Control of SAP authorisations

Increasing internationalisation demands that we change the way we handle test environments. Whereas seven years ago the German site used only one SAP ERP system, today ten additional company codes are administered from this site.

Because tests in the production system jeopardise system integrity, they must be performed on test and sandbox systems. Access to these test clients is comparatively hard to control, particularly in the early project phases.

Access to high-quality test data for project teams is, however, necessary. No real data should be used. To ensure that SAP HCM data remained secure, a solution needed top be found promptly.

Secure test data – but how?

The Federal Data Protection Act (Bundesdatenschutzgesetz, BDSG) requires employee-related data such as name, bank account and salary lists to be protected against unauthorised access.

At MAPA, SAP ERP and HCM are on the same system, so they were faced with the decision whether or not to separate the ERP and HCM landscapes.

The aim of the separation was to make personal data available in an especially-protected system. The result would have been a complex and expensive project to divide data areas and re-integrate processes. As SAP HCM is highly integrated into related SAP ERP module areas, a system split would have caused this reference to be lost. The downstream project costs would have been unpredictably high.

"We were looking for a solution to anonymise SAP HCM data in a flexible manner and also guarantee that our system could subsequently be run and tested in just the same way."

Data Sync Manager™ and Data Secure™ – Comprehensive yet easy to use

Choosing Data Secure was immediately obvious because, despite being a comprehensive application, it was still easy for functional users to use. An important selection criterion was performance, because MAPA needed to mask or scramble large volumes of SAP HCM data.

User roles brings more ease and control as super users can setup masking profiles that specify exactly which areas, fields and links are to be changed. The users can use these when they need to create masked data in testing environments.

EPI-USE Labs provides pre-configured profiles for the employees, customers, business partners, vendors and addresses objects as part of the standard options.

Flexible masking of SAP data with Data Secure™

Because at field level it is possible to specify which objects are to be anonymised, the integrity of the data is 100% assured, even after the anonymisation. Flexibility, regarding field selection, is particularly important as payroll runs and time results are simulated in test runs.

"We can now test HR data cleanly – the system has not been corrupted because everything is anonymised."

Future outlook
New standards, including outside SAP HCM

Vendor data, material BOMS and financial data are also sensitive data that will be tested more on test systems in the future. Data Secure allows us to mask data outside SAP HCM in a flexible manner. After implementation (in 2014) the plan is to step up the integration of Data Secure into the SAP landscape. The aim is to anonymise SAP systems step by step to make Data Secure a standard procedure for the future, as soon as new systems can be created and data copied. Data will only be released after it has been masked with Data Secure.