

Easit Test Engine™

Data Masking – the easy way



Sensitive data

Do you really know your sensitive data? Well – yes of course you do, at some level. But, do you know your sensitive data on a business-strategic level? Also, at this level, do you know how your sensitive data evolves? Are you able to make strategic decisions and corrections based on how your sensitive data changes over time? Moreover, lack of sensitive data knowledge on a business or legal level makes it harder to address data masking issues if, or when, production data is to be converted to Test Data.

Data masking from a Business perspective

Most established Data Masking solutions of today aim to provide database administrators and technicians low-level tools and means necessary for masking data. This is essential, of course, but also exactly what is expected of any Data Masking solution. What we have done within the Easit Test Engine Data Masking solution, is turning this upside down - or inside out.

With Easit Test Engine Data Masking, the first step is to perform a complete analysis of your data, using a business perspective, to find what sensitive data is stored where. This task may be understood or even carried out by a non-techno-

logist, for example a business expert, with extensive systems and business knowledge. If needed, when analysis has been performed, a report may be created describing the result of the analysis.

Second, based on the knowledge delivered to the organization through the analysis, determine what data is to be masked. Normally, this task is performed by database administrators with great technical skills. However, this also means that Data Masking decisions are usually made without including systems or business experts, completely ignoring their great knowledge of how systems or applications are actually used, what the data really means, and how its related to other data. With the Easit Test Engine Data Masking approach, business experts may take active part in both understanding and deciding what and how data masking is to be carried out, as all user operations are performed in a high-level graphical user interface.

Third, perform actual Data Masking by automatically creating masking jobs based on the jobs used within analysis. Here, all the power of today's Data Masking solutions are needed to properly mask all kinds of different sensitive data, such as social security numbers, credit card numbers, phone numbers, addresses and so on. Of course, the Test Engine Data Masking solution contains predefined templates for accomplishing these tasks.