

# Data migration validation and support

## KPMG Technology Assurance

Are you certain, that data migration projects at your Company do not lead to data loss or malfunctions and thus endanger your business operation? Did you know, that it can cause significant extra costs to correct failures afterwards?

Continuous renewal forces each company to update or replace its business processes and the related support systems. A system may be new, but modernizing does not bring the wished results, if the migrated data itself cannot provide a strong and reliable basis for the further operation. According to our experiences, a significant part of the problems which occur during the replacement of IT systems originate from the data migration between the old and the new systems or from the data cleansing process. It is important to emphasize, that defining the scope of the data to be migrated and the criteria of a successful migration is a business task of utmost priority. If this task is neglected, that can significantly increase the costs of later corrections.

### Do the following problems seem familiar to you?

- Costs, duration and resource needs of migration projects significantly exceed the plans;
- In migration projects, business decision makers do not receive enough information which could help them to decide, whether they should accept the migrated data as complete and functionally and numerically correct, or to decide, whether the new system can go live;
- It is necessary, that the adequacy of a data migration can be proven to supervisory authorities;
- Ad hoc testing after data migrations results in complications in the business operation and decreases reliability of business data, the remedy of which leads to significant extra costs;
- No satisfyingly detailed migration plan is available;
- Data transformation and data cleansing are performed without sufficient technical knowledge of the concerned systems;

### Engaging an external migration expert

#### Why?



Costs



Business decisions



Legal compliance

#### How?



Support



Quality assurance



Validation, auditor certificate

### How can we help you?

With our following services in the subject of quality assurance and validation of data migration, we can help your Company plan and carry out data migrations and assist you with the review of the results afterwards;

- **Support with the preparation for data migration:** we create the secure control environment, within which risks of the migration can be handled and the degeneration of data can be detected and treated in time, helping the adequacy of data transfer;
- **Quality assurance of the migration process:** we review how the implemented control system operates and make suggestions for fine tuning; thus, we improve the migration mechanism. With this we foster that only controlled – easy to remedy – differences remain after the migration;
- **Migration validation:** we test the adequacy of the migration process and of the transferred data. Depending on the business data, our service includes three types of data analysis: full-scale, functional and accounting driven;
- **Migration validation with auditor certificate:** if required, at the end of our migration validation we issue an auditor certificate of the result of the validation and make a declaration about the level of the gained assurance. Thus, we can represent our clients on supervisory audits. Depending on the chosen solution we can perform two types of reviews:
  - **validation with negative assurance:** we use sampling method during the review; in case of compliance the issued certificate declares that during the review KPMG did not find any failure which would indicate non-adequacy of the migration;
  - **validation with positive assurance:** we examine the entire migrated data set; in case of compliance our certificate declares that the migration was adequate.

## What advantages do we bring?

- With the help of the controls built into our migration process we can foresee failures and thus accelerate the migration process and decrease migration costs;
- The documentation practice suggested by KPMG makes crucial business decisions well-grounded and accountable and provides eligible evidence for revisions;
- Migration of business systems is a focus area from both regulatory and legislation points of view. According to this, compliance is not only a business interest, but is also of high importance for risk management reasons. Besides, our service gives your Company the opportunity to gain an auditor certificate proving the adequacy of the migration.

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**If you feel these issues are relevant to your business, please contact us for further details:**

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