



MIGSuite 

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Many companies are still working with legacy storage systems, which can only partially or at a high expense be adapted to new business and technical conditions. In the long term, the change to a new system is more reasonable. However, this is also expensive and often difficult. On the one hand, the existing data must be integrated into the new system, on the other hand, the ongoing work of the employees must not be interrupted.

With our MIGSuite solution – certified by auditors according to the standard IDW PS 880 – we guarantee you a seamless data migration. While your employees carry out their work as usual, we take care of everything else: the backup of your data, the data transformation into the new environment and migration to the target system. Once the migration is completed, you switch on the new system with the migrated data – without any data loss.

The features

MIGSuite offers all the required tools for an efficient and solution-focused handling of migration projects with a high degree of business complexity. For this purpose, MIGSuite is divided into several components: MIGTools, MIGImport, MIGControl, MIGPool, MIGReport and MIGTransform. The migration process is covered through these components.

As a basis for the import, the structures of the source system(s) are generated using MIGTools.

MIGImport provides the framework to implement the import from host systems, relational databases or files. It does not matter, what you want to migrate:

MIGSuite addresses your needs and it is geared towards the simplest and most high-performing solution.

MIGSuite focuses on the migration of business/data objects. Business/data objects consist of several data sets, which reflect for example in their entirety an insurance contract, a bank account or something similar. This focus makes it possible to easily verify business rules for the objects. Additionally, it allows to identify and clean up quality errors in the source data at an early stage during the migration.



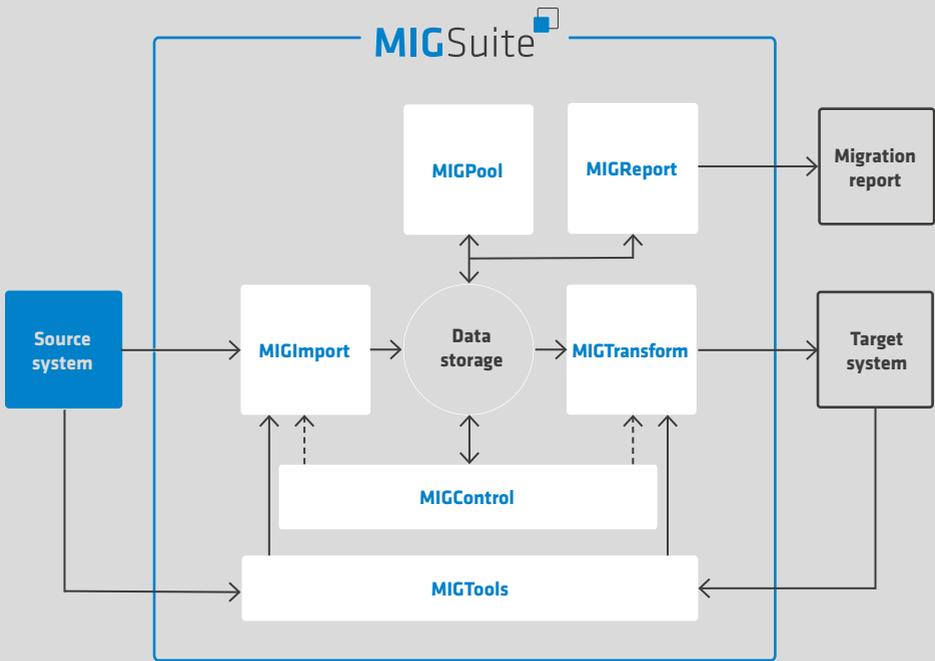
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performs complex data migrations on the basis of Java programming language.

At the time of import, the business objects are transferred one-to-one to the MIGSuite data storage.

These are accessible at any time in the MIGPool which offers you the option to choose between the two alternatives:

- + **Technical view:** This allows the source data to be displayed in the original format.
- + **Business-interpreted view:** The data are displayed in such a way that even a user without technical understanding can query them.



You have the possibility to transfer the entire history of a business object into the target system or just a part of it. All source data will remain in the data storage and you can continue to access it at any time with MIGPool.

At the heart of MIGSuite, MIGTransform implements the business-complex transformation logic in Java. This also includes the connection of migration-relevant interface systems, the programming of transformation rules, the transfer into the target system as well as the final control value validation.

In order to be able to trace the entire process, MIGControl records every single step for each object being migrated.

The component MIGReport enables the documentation of the migration results in a format previously agreed with German auditors and the verification of the quantitative completeness.

The technology

The migration solution is 100 percent based on Java technology, independent of any operating systems and can be integrated into any IT landscape. MIGSuite is continuously upgraded to the latest and most modern standards which ensures long-term usability at the highest technical level.

- + secure migration process
- + Java Enterprise architecture
- + Persistency: JPA
- + Masks: JSF
- + Eclipse development environment with plugins for bug tracking, code quality, TestNG (unit test), etc.
- + Continuous integration: Maven (with Jenkins, Nexus, Sonar)
- + Source code management: Git, SVN (others possible)

The data memory of MIGSuite consists of two parts:

- + The first part is used for the one-to-one import of business objects. This database is by default a NoSQL database -MongoDB- which is optimized for large amounts of data storage and fast querying. Alternatively, a relational database can be used for this part of the data storage.
- + The second part stores the information relevant for the migration process, such as logs, statistics, control values and performance measurements. For this purpose, we use a relational database by default. Any database with a Java driver can be used, for instance, Oracle DB, IBM DB2 or Microsoft SQL Server.

MIGSuite supports databases or enterprise applications as target systems and can be operated as desired:

- + within the customer's IT landscape
- + on servers from a cloud provider selected by the customer



The advantages

MIGSuite supports you with the seamless migration of your data to your new system.

Flexible



The flexible migration process supports audit-compliant standards and special migrations. Additionally, it allows a complete migration at a single point in time as well as a gradual migration.

Powerful



The technical framework allows a simple specific extension according to your requests.

Cost-reducing



Through a quick and careful migration of the data into the new system landscape, a fast and complete replacement of outdated and usually expensive technologies can be performed.

Industry-independent



MIGSuite is optimized for migration projects with a high degree of business complexity - regardless of the industry and technology, e.g. mainframe/host replacement or migration to the cloud.



Sustainable



With MIGSuite, you receive a proven migration process that makes it possible for you to concentrate solely on your project-specific business logic.

Audit-proof



With MIGSuite, you receive a proven migration process that makes it possible for you to concentrate solely on your project-specific business logic.

MIGPool



MIGSuite offers you the possibility to display the imported data sets in a view similar to the one in the source system. The view is configurable for employees from different departments and thus, ensures a simplified usability of the entire source data.



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