

SAP Solution Brief
SAP Accelerated Data Migration



ACCELERATED DATA MIGRATION

**Streamline IT Efforts, Reduce Costs, and Protect
Your IT Investment**

The SAP® Accelerated Data Migration tool enables project and IT managers to migrate legacy data more efficiently and cost-effectively. You can migrate master, transactional, and historical data from any source system using pre-configured business objects to ensure data consistency during mass data loads. Full support services streamline the process to reduce time, effort, and costs. End users benefit from enhanced data quality, a full history, migration of open items, and better reporting capabilities – which improve their productivity.

More and more organizations are migrating their legacy systems to the mySAP™ Business Suite family of business applications – motivated not only by the benefits of SAP® software but also by their concerns as other software companies consolidate. However, making a technology change can be risky, complex, and expensive, especially when it's time to migrate legacy data.

Classical data migrations are typically limited to master data and tend to cause multiple negative impacts on workflow and operating business units. Business processes that are still in progress need to be completed in the source system; the remaining parts must be recreated in the target environment. Consequently, business units must change the working procedure for those processes. Because historical data is not typically migrated, organizations must maintain the source system for data-retrieval purposes. And without this data readily available, the organization can't fully benefit from the improved analytical capabilities of the new technology.

SAP offers a better way. To minimize costs, risks, and effort during a data migration and ensure a smooth changeover for operational business processes, you can opt for the SAP Accelerated Data Migration tool. This advanced tool, coupled with support from the SAP Services organization and SAP partners, lets you easily migrate and integrate application data from any legacy system into SAP applications – and reduce migration costs significantly.

Lifting the Limitations

Much of the cost and effort involved in classical data migrations are generated by migration content development, as follows:

- Identifying business objects for migration to properly support the business
- Defining the structure and field mapping for the relevant business objects
- Developing conversion rules for all necessary value mapping

Readily available migration content can simplify this effort. SAP Accelerated Data Migration provides preconfigured business content, helping you migrate it to your new system more efficiently and rapidly. The tool allows the migration of all types of data, independent of its current state within a business process. This includes master and dynamic data, as well as partially processed and historical data, to minimize data loss. Business processes are uninterrupted and normal operation procedures can be retained.

By providing a standard, neutral interface and reading data as an XML file, SAP Accelerated Data Migration is applicable for any kind of source system. Preconfigured data migration objects built specifically for SAP applications significantly simplify the conversion from non-SAP software data into SAP software data objects, yielding far-reaching benefits. Besides reducing related IT costs, you can be certain of consistency across business-object boundaries. Through a direct insert into the database, you avoid the performance limitations of classical data migration.

Expertise in Action

SAP Accelerated Data Migration applies a business object-oriented, two-step approach that uses a neutral interface as a staging area and predefined migration content for the conversion and upload of data. The neutral interface enables the SAP tool to generate predefined migration content and prevents all potential legal issues regarding the intellectual property of any source-system vendor. The whole data migration process from the source to the target system consists of just two steps, as follows:

1. Data is extracted from the source system into the standard interface as XML files.
2. Data migrates from the interface into the mySAP Business Suite database. The migration is based on a new “migration workbench” engine developed by SAP based on the SAP NetWeaver® platform. All requirements for mapping structures and fields and developing complex conversion rules are solved within this engine (see Figure 1).

Once the migration is complete, business-unit end users have access to all the legacy data in the new applications as if it had originated there. They can continue to work on the existing business process items in the new applications and benefit from improved functionality.

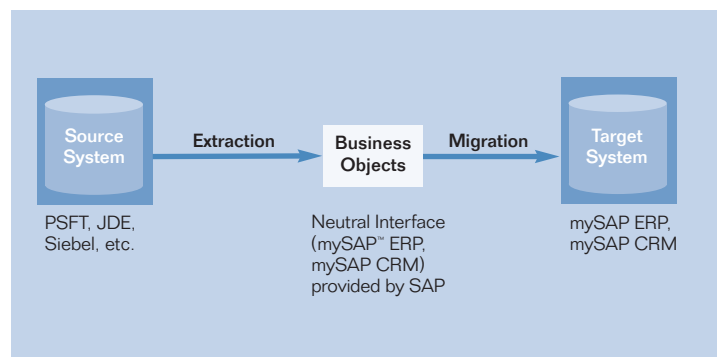


Figure 1: The Data Migration Process

Full Migration Support

SAP and its partners provide full data migration support including execution of the migration and implementation, education, and maintenance services. SAP experts specialize in deployment of the migration tools. They are responsible for all aspects of your migration, assuring performance within your parameters in close collaboration with your in-house teams. They will establish a detailed cutover plan and coordinate all relevant tests. A lead specialist will act as the main contact for the operational business departments during integration and testing and coordinate acceptance procedures.

Better Value, Bigger Benefits

With SAP Accelerated Data Migration, you can reduce migration costs by as much as 50% and avoid interruption of business processes. Moreover, shutting down the source system after migration reduces system administration costs and total cost of operations. In short, you realize the following benefits:

- Significantly reduced cost and time to complete migration projects
- Accurate, cost-effective data transfer applicable for any kind of source system
- Better data quality because of preconfigured business objects that ensure data consistency
- Improved end-user productivity and acceptance thanks to migration of historical data
- Effective migration that avoids interruption of business processes
- Full support services to avoid risks and ensure the optimum performance of your new business applications
- Faster return on investment

In short, a smoother, more cost-effective migration to a new technology solution ultimately positions your organization to lower your total cost of ownership, maintain competitive advantage, and pursue new business opportunities.

Find Out More

To learn more about how SAP Accelerated Data Migration can help in migrating your legacy data, please call your SAP representative today or visit us on the Web at www.sap.com/solutions/safepassage.

Powered by SAP NetWeaver

mySAP Business Suite is powered by the SAP NetWeaver platform. SAP NetWeaver unifies technology components into a single platform, allowing organizations to reduce IT complexity and obtain more business value from their IT investments. It provides the best way to integrate all systems running SAP or non-SAP software.

SAP NetWeaver also helps organizations align IT with their business. With SAP NetWeaver, organizations can compose and enhance business solutions rapidly using enterprise services. As the foundation for enterprise services architecture (ESA), SAP NetWeaver allows organizations to evolve their current IT landscapes into a strategic environment that drives business change.

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