MDO
S4 HANA DATA MIGRATION

2027 is the year when SAP will stop supporting the business suite ERP and there are also new greenfield companies who are seeing this as an option to migrate from their legacy environments. In both cases, data will play an important part in this process. This is just not a technical upgrade, but a complete digital transformation where the ROI and business case needs to be justified. It has already been proven that, leaving data for too long will only increase the chances of project overruns and high operational costs.

The MDO S4 Hana Data Migration using both the DIW and data governance framework which provides you a smooth transition from your current SAP/Non SAP environments to S4 HANA.

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S4 HANA DATA MIGRATION

Explore → Prepare → Migrate

There are 3 major phases that we will recommend to start your S4 HANA Data Journey. This will also depend at which stage you are in currently, and there may not be enough time to do all three phases comprehensively. The lessons from the past has been the push of data at the final stage, as there will always be less time to validate data.

The process can be less painful and your implementations can be under control, based on the below phases:

3. **Explore** - This is where we explore all the current data areas in your environment and asses the quality and relevance of the data. This can be done as early as possible, as we will need to understand the historic data and migrate data that are required to run your current processes. The MDO DIW framework , can extract or load these data sets and run various rules to analyse the data. The outcome of this exercise provides the work ahead of us for cleansing, transformation and complex mapping. The key factors that are included are:

    - **Data Sources** - Identify all the relevant data sources, which can include , SAP , Other Cloud Solutions, custom databases , Unstructured systems.
    - **Data Assets** - All kinds of data assets are identified, this includes Master Data, Transactional Data, Reference Data and also unstructured data like long texts and documents. This is also the time to assess to convert some of the unstructured information to a proper structure that can be reported to create value.
    - **Data Redundancy** - Data Redundancy is also assessed based on legacy migrations and DIW Archiving can be a possible solution to archive the data.
    - **Data Gaps** - The Gaps in your current data versus the expected S4 HANA can also be assessed for most of the data areas. This will get more refined based on the data blueprint defined during the upgrade or implementation. This also includes custom data fields or models which may not exist in the target systems.

2. **Prepare** - Data preparation is the second phase and the most important phase, this is where data cleansing and a continuous improvement data quality framework is put together. The Data preparation is not only about finding issues with the current data, but to enrich the current information based on various standards based on industry. The Key factors are:

    - **Data Cleansing** - The Data Cleansing is based on the pre-defined rules and rules defined during workshops, the cleansing will help to identify data redundancy and fix all the common issues found during this process.
    - **Data Enrichment** - This is also a good time to enrich you current data, master data for addresses and spare part attributes are some of the common areas of enrichment. There is also a lot of areas of improvement in the maintenance area for enrichment.
    - **Data Construct** - Define templates and rules for data areas where we need to construct data.

- **Lean Master Data Governance Framework** - This is important as we need to also maintain the master data , till go live. The benefit of having a lite governance model is, that it is independent of the systems and focused on the master data. The same governance model can be expanded, once you are live with the new system.

3. **Migrate** - The Data Migration process in MDO can be managed from Extract to Load. As we would have already done the preparation, the migration will be mainly focused in refining the target data model and configuring all the transformation rules. Leverage all the pre-defined mapping and rules, and add your own business rules during this process.

MDO will provide all the data required during the mock cycles and ensure that SIT is performed on quality data, the number of data defects should be less based on the preparation phase.

Key Differentiators

The Key Differentiators are:

- Pre-Defined Rules and Data Model - MDO comes with pre-defined data models and rules, both for the source and target environments. This is not limited to S4 HANA but also extends to Ariba and Success factors.
- Ease of Deployment - A cloud based environment, which is completely based on a SAAS model. The solution can be configured by any data analyst or our MDO Data Analysts can be engaged for this process. The solution leverages the SAP Cloud Platform, which makes the integration seamless.
- Cost - Being a Cloud solution , the cost can be easily justified as it is like any other subscription cost. This is very different the current options available in the market.
- SAP App Center Partnership - MDO is an SAP App Center Partner and certified SAP Cloud Platform Solution.

Case Studies

MDO has been used successfully in some key major transformation programs, one of the largest real estate developer used MDO to manage all their data migration to S4 HANA and Ariba from multiple legacy environments. A large Oil and Gas, which was one of the largest Oil and Gas in Asia Pac, used MDO to migrate data from both ECC and legacy oracle systems.