



Prospecta



Master Data Online Data and SAP S/4HANA

The new evolution of SAP S/4HANA is a great breakthrough in terms of technology and digital transformation. This is not just any upgrade, it is making organizations think about changing the way they have executed their business processes to date. The acquisition of solutions such as Ariba, Success Factors or Hybris has not made this easier. The whole concept of in-memory is quick response times and having the right data is very important in that scenario. This also ties in with the new governance and data protection rules (GDPR) that are forcing organizations or even delaying them as there is considerable work to prepare for SAP S/4HANA.

The whole concept that you can get real time data crunching without any data warehousing or data massaging layer means that you are going with an assumption that both your Master and Transaction Data are accurate. This is very different in terms of data, in comparison to a normal upgrade. "Garbage Migrated In is Garbage Reported Out" which affects all data analytics and critical business decisions.

WHY IS DATA IMPORTANT IN AN SAP S/4HANA JOURNEY

There are 3 key scenarios and all of them require a strong methodology to manage your data. Irrespective of which scenario your business falls under, data plays an essential part of these projects. The data cannot be simply pushed to a new environment as there are many factors to address including memory, complete new definitions of target structures in SAP S/4HANA, and also non SAP S/4HANA cloud solutions.

Prospecta continues to transform the way organizations structure their data to improve business processes. **We believe data needs to be treated as a separate initiative in parallel and not as a task item of a project plan.** Over the page we outline four different phases where data plays an important role in the complex transformation required to meet the data demands of the new SAP S/4HANA environment.

DATASHEET

SCENARIO 1: GREENFIELD APPROACH (NEW IMPLEMENTATION)

Greenfield implementations are where the customers have a Non-SAP environment and they are implementing a SAP Solution for the first time. SAP S/4HANA is a preferred choice for both cloud and enterprise if organizations are moving from their old legacy systems.

SCENARIO 2: EXISTING SAP CUSTOMERS

These are SAP customers running on a traditional SAP ERP environment and are moving to SAP S/4HANA. The upgrade path is undefined and data migration from their current SAP environment becomes a key criterion. This can also include moving their systems from on-premise to SAP S/4HANA Cloud.

SCENARIO 3: MULTI CLOUD OR HYBRID LANDSCAPE SOLUTIONS

This becomes further complex when you include products such as Ariba, Hybris, Success Factors and other cloud solutions as a part of your landscape. They may come from the same organization but are totally different in terms of design architecture.





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01

DATA INSIGHT

This is even before the official kick off of a SAP S/4HANA project. The success of the transformation project would depend on the quality of your data which is determined through the MDO data quality workbench which identifies the gaps and discrepancies within the existing data.

02

DATA CLEANSING

The MDO Data Cleansing and Standardization tool set is used to clean and standardize your legacy data. MDO has standard schema templates available in the data migration cockpit for SAP S/4HANA and all other SAP solutions, which will help you to clean and standardize your legacy data.

03

DATA MIGRATION

Data migration to the SAP S/4HANA system would pass through mock cycles within MDO and includes SAP Data Services as an OEM solution to extract data. User ensures reconciliation of balances and accounts and provides a sign off post verification.

04

DATA GOVERNANCE

Often the Business team is left with a data mess to work with and all the data quality work is lost in the project. MDO's data governance model continues to bring in data discipline and becomes key to the project's success by enforcing business rules and data ownership.

HOW PROSPECTA AND MASTER DATA ONLINE (MDO) ENSURE A SUCCESSFUL TRANSFORMATION

KEY DATA ACTIVITIES.

- **Data Discovery.** We do a data discovery using MDO Data Insight and Quality checks. This includes working with the business and defining the exclusion and data quality rules.
- **Data Profiling.** This is done to identify critical data components that need to be migrated. This is done to identify critical data components that needs to be migrated which in turn forms the base information for data objects
- **Ownership & Governance Framework.** This is defining owners for each data area involving them early in the process helps to mitigate a lot of issues post go live (they are also the Business Data SME who will sign off for both Mocks and Reconciliation). This is the best

phase to define a governance framework as the same roles will own the quality of data.

- **Data Cleansing and Standards.** The MDO Data Cleansing and Standardization toolset that also includes SAP Data Services as an OEM solution is used to clean and standardize data. We have standard templates available for SAP S/4HANA and all other SAP solutions, which helps you to prepare the target set of data even before you start the journey.
- **MDO Reconciliation and Verification Framework.** This allows us to define all your reconciliation parameters and use MDO as your reconciliation artifact and audit trail. This is a very important step of your sign off process.

DATA GOVERNANCE

- **The MDO governance tool** which already has all the business rules is now used as an ongoing tool for data capture.
- **The Governance Framework** should be used as soon as we decide to stage and freeze the data. The freeze points of data can be based on the type of data. We can only focus on delta data. MDO data governance process is a unique combination of Active Data Governance and Passive Data Governance which governs all existing master data and ensures that all new data entered by any business user adheres to enterprise quality standards.

- **MDO Governance Capabilities** includes:

1. Business Rules
2. Role based Ownership and Layouts
3. Workflow Definitions
4. Schema Definitions
5. Data Quality Work Bench
6. Data Reconciliation

