MDO DATA INTELLIGENCE WORKBENCH (DIW) **FOR DATA PREPARATION**

Your insights and analyses are only as good as your data. The term GIGO (Garbage In = Garbage Out) may well describe this scenario perfectly. Generating new and valuable business insights from your data is based on the underlying good quality and complete master data.

MDO DIW takes data stewardship to a whole new level. It allows businesses to take up ownership and collaborate on data quality, assisted by intelligence with an intuitive user experience.

MDO DIW has the capabilities to prepare, cleanse, and migrate data as well as providing a data quality assurance framework. Whether your organization is embarking on a transformation project or needing to incorporate data governance in day-to-day processes, MDO DIW caters for all these requirements.

"By 2022, 60% of organizations will leverage machine-learning-enabled data quality technology for suggestions to reduce manual tasks for data quality improvement" – Source: Gartner

Data Preparation

MDO DIW provides a workbench with pre-defined data models to validate and remediate data errors, with minimal human intervention.
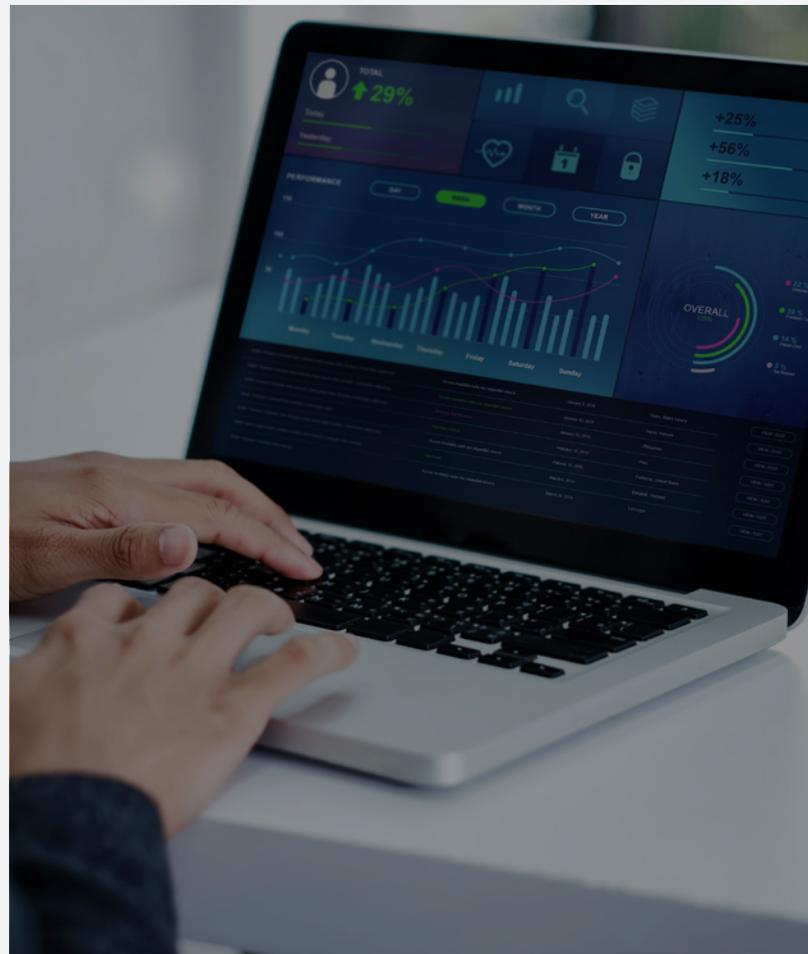
The data readiness stage ensures that your data is ready for subsequent migration processes especially for digital transformation projects like S/4HANA, setting you up for future success.

- **Data quality assessment**
- Assess current quality of data, including opportunities for improvement and identification of which master data areas to be enriched and aligned with standards.
- Analyze data based on target structures and gaps, as well as specific analytics and reporting requirements.
- Data readiness monitoring in terms of risks during transformation stage.

- **Definition and setup**
- Data quality metrics serve to identify data areas that lack clear definitions, have duplicates, or are incomplete.
- Definition of rules to address duplicates, standardization, corrections, and transformation, as well as target structure mapping.
- Definition of data enrichment strategy from content library or external sources as well as establishing a data retention strategy.
- Identification of Data Stewards and business-related roles for data preparation stage.

- **Data preparation**
- Data collection involving inclusion of required missing data.
- Data enrichment based on standards and external sources.
- Data remediation involving integration back to the source or direct fix at the source.
- Setup of approvals and audit trails for data audits.
- Provide the necessary data for Mock Cycles – Integration/Excel Files.

Leveraging DIW for S/4HANA Transformation Projects

MDO DIW can be used to manage the data aspects of S/4HANA transformation projects as well as defining your overall data strategy.

- **Preparation Phase**
- Assist in the assessment and preparation of data – even before project kick-off based on the current data quality metrics. This should reduce 70% of the efforts during project phase.

- **In-flight Phase**
- Enable creation of rules with no coding required – adjustment and refinement of rules based on target design.
- Continuous improvement and collaboration with project team.
- A one-stop platform to manage data defects.

- **Post Go-live Phase**
- Ongoing data checking and cleansing, as well as execution of a data retention strategy.

Key Differentiators of MDO DIW

Easy to Deploy and Get Started

- An easy solution to deploy and get started in a matter of days — cost effective and scalable according to your needs.

Out-of-the-box Integration Models

- Out-of-the-box bi-directional integration with leading enterprise systems — reduced technical complexities.

Machine Learning and AI-enabled

- Its ML and AI capabilities provide for a predictive and intelligent rule-based approach to cleanse and enrich data.

One Solution for Data Governance and Data Quality

- Can be extended to trigger master data governance requests and utilize MDO MDM for master data creation and maintenance.

Low Cost of Ownership

- Easy and fuss-free maintenance, can be handled by Business Users and Data Stewards without total dependence on IT.

Data Stewardship for Both Business and Systems

- Support both business functions and data within IT systems, ensuring streamlining of operations. This includes a collaborative framework with both external and internal stakeholders for data quality.

Benefits to Your Organization

- Reduce operational risks and costs.
- Fulfil compliance requirements with confidence.
- Provide your leaders quality data they can trust and analyze.
- Reduce risks on digital transformation projects like IoT.
- Easy onboarding and empowerment of users.
- Allow collaboration, helping to capture better data with accountability of information.
- No disruption or change in your current process.