SAP Master Data Governance – SAP MDG 9.0
A strong foundation for business agility along the master data lifecycle

**End-to-end processes** for the entire master data lifecycle, covering central governance and consolidation

**Empowering business agility** with HANA-based analytics and consumer-grade user experience

**Strong foundation** for improved business efficiency, process flexibility and simplification

**Master data consolidation and mass processing**
- Master data consolidation enhanced for the business partner domain (user interfaces for detail drilldowns, process flexibility improvements, custom validations, enhanced audit trails, etc.)
- Introduce consolidation of material master data
- Introduce a new interactive master data mass processing to efficiently change many master data objects at once, built on the same framework that is also used for consolidation

**Analytics and consumer-grade usability**
- Enhanced process quality analytics on critical attribute changes, processes, and distribution
- Leverage comprehensive Fiori apps scope (major focus on request and approval scenarios)

**Strengthen the core**
- Additional SAP MDG integration scenarios (e.g. S/4HANA, Ariba SIPM, SAP Hybris eCommerce)
- Customer-driven optimization, simplification and round-offs across all master data domains
Consolidation of master data
Process enhancements and extended scope

Feature Highlights

- Consolidate material master data and custom objects (in addition to business partner, customer and supplier data)
- Enhance agility with process-step enhancements (user interfaces for detail drilldowns, process flexibility improvements, custom validations, enhanced audit trails, etc.)

Business value

Enable consolidation for material, business partner, customer, supplier data and custom objects based on intuitive and flexible process with consumer-grade user experience through SAP FIORI user interface

New process related capabilities:
- Remove records/split process (also as background step)
- Integration scenario using web service
- Integration of BRF+ as rule engine for process steps (incl. MDG checks)
- Additional authorizations for process handling
- Audit trail

New Fiori UI enhancements:
- Best record calculation review UI
- Edit capabilities
- Show data from all affected tables
- Drill-down into result data for each step
- Show step-related messages in Fiori UI
Mass processing of master data
New process to execute mass changes for all attributes

Feature Highlights
Introduce effective mass change process, putting master data steward in the driver’s seat for dedicated bulk changes in business partner, customer/supplier, and material data, or custom objects

Business value

- Highly effective data processing option for master data specialists
- Efficiently edit individual fields or make bulk changes by using a tabular UI with the ability to filter and sort data
- Automate changes by using rules (e.g. BRFplus) or other information sources
- Confidence and transparency when changing large volumes of data through statistics, change indicators and ability to validate prior to activating changes
- Complements multi-records processing for bulk changes with the best fit of governance for specialist’s work (lightweight or full change request process)
- Packaging, queuing, and parallelization contribute to enhanced performance even when processing large volumes of data
- Prepare frequently executed change scenarios, enabling users to perform their tasks without the need to understand field and table structures in detail
- Upload changes from CSV file to incorporate offline processing and other information sources
- Background execution enables users to close the application while processing continues. Users can check the status or proceed with their work later.
Process insight with SAP HANA-based analytics

Extended scope

Feature description

HANA-based analytics now takes data criticality into perspective, allowing analyses of critical attributes (e.g., payment terms, short texts) and replication issues.

Business value

- Detailed analysis and drill-down available based on critical master data attributes (e.g., payment terms, short texts)
- Identification of MDG process issues in large amounts of information in real time
- Appropriate remediation activities through systematic analysis of SLA failures
- Collaboration with the persons in charge for fast correction

Analytics can now retrieve the following information associated with change requests:

- Object-based Change Request Analytics
- Change document-based Change Request Analytics
- Workflow-based Change Request Analytics
- Critical Attribute-Based Change Request Analytics

Example: Total number of short text changes of a material (short text set as critical attribute).
Leverage SAP FIORI Apps in MDG
Comprehensive coverage

Feature description

Comprehensive array of lean request and approval scenarios available in SAP MDG

Business value

Consumer-grade usability and process flexibility with FIORI-based

- Lean request scenarios for Customer, Supplier, Business Partner, Material, Cost Center, Profit Center
- Approval scenarios for Customer, Supplier, Material, GL Account, Cost Center, Profit Center
SAP MDG Integration Scenarios
Additional integration options

Feature description
MDG integration for master data exchange in the extended value chain, with:

• SAP Cloud for Customer (C4C) for customer data consolidation
• Ariba (SIPM) for integrated supplier portfolio management

Business value

• Consolidation of customer data from SAP C4C, or 3rd party via open Web Service
• Supplier Portfolio Management as well as Supplier Self-Registration via Ariba SIPM. Enrichment of master data to corporate needs for all qualified suppliers in SAP MDG
Central governance of master data
Enhancements in MDG for Material

Feature description
- Inclusion of range selection of dates and personalization in search
- Enhanced multi-records processing
- Enhancements to the Data Replication Framework

Business value
Improved usability in Material Search
- Search material with range selection of dates
- Personalization of the search UI
- Easier setup of SAP HANA-based search

Optimized multi-records processing
- Delete Description and Dimension and Discard the deletion
- Create Multi-Record Processing Change Request without selecting a material first
- Add existing materials in an open Change Request

Enhanced flexibility in distribution
- Pooled or Direct Replication of materials after activation
- IDocs for document assignment, change number and revision level and inspection lot are sent now in addition to material and classification.
Central governance of master data
Enhancements in MDG for Business Partner, Customer, Supplier

Feature description

- Multi-records processing also enabled for Business Partner, Customer, Supplier data (in addition to Material data)
- Assign BP to hierarchy in single-object maintenance
- Enable time-dependent BP Relationships
- Support texts for ERP customer/vendor data
- & more

Business value

- Intuitive and effective processing of multiple Business Partner records in spreadsheet-like UI
- Maintain BP and assign to hierarchies in one step
- Possibility to set validity dates for BP Relationships
- Enhanced scope of pre-delivered data model
  - Workplace addresses of contact persons (Department, Function, etc.)
  - Long tax numbers
Central governance of master data
Enhancements in MDG for Financials

Feature description
- Copy Chart of Accounts and Company Code Data with template
- Enhanced side-panel content displaying hierarchy changes

Business value
- Save time and effort in creating a G/L Accounts
- Provide detailed insight into hierarchy-specific changes in a change request