



# Multi-Domian MDM

## Custom Domain Management

### Solution Description

Master data is the critical business data of an organization and that may include any Custom domains as per your business or industry vertical apart from some of the standard MDM domains such product, supplier, and customer information.

ChainSys' enterprise-class Multi-Domain Master Data Management Suite, powered by dataZen™, has all data quality & data governance capabilities, to ensure accurate data in your organization & provide a simplified Master Data Management process for any Custom domain e.g. Sales Office, Global Product Hierarchy etc.

### Why ChainSys

- **No programming: Configuration** based implementations with **Configurable data models** to support any of your ERP, CRM, or PLM Systems Custom data model
- **Configurable extractors, loaders, and integration templates** for any Custom master data domains.
- **Consolidate data** among multiple peripheral ERP, CRM systems as one time consolidation / migration (**Get Clean**) or Ongoing Governance (**Keep it clean**).
- Robust **data quality engine** that is highly configurable, highly automated, and easy to use, speeding time to adoption and value.
- **Master data Cleansing, Enrichment and Deduplication** based on Algorithms, Data Dictionary along with **Deduplication Report Dashboards** for easy data review/adjustment.
- **Configurable survivorship and attributes merging rules** for automated merging and enrichment of Golden records
- **Data Visualization** (Report, Dashboard, Analytics)
- **End-to-End Data Reconciliation** of data during and post migration
- **Data encryption and masking** to keep data safe while at rest and in motion

### ChainSys Approach

dataZen, as a complete Master Data Management Suite, that can coexist with any system landscape with multiple ERP and CRM systems and provides various data governance tools and processes by leveraging following out of box features.

- 1. Data Architecture & Data Modeling:** - Chainsys's master data Suite offers flexible way of configuring any data model for Custom domain as per your business requirement.
- 2. Data Discovery:** - Connect to any end point to extract master data, reference data, and transactional data, and generate metadata through [data profiling](#)
- 3. Data Cleansing & Standardization** by detecting, correcting, and sometimes removing undesirable data records including standardizations and enrichments through 3rd party providers
- 4. Data Quality Management:** - Robust Workflow and ML Algorithms (NLP) to provide a powerful data Quality Management (DQM) Engine to enable tactical management and oversight of the company's data assets as part of Data Stewardship. **Data Matching** to Identify and resolve duplicate records with configurable business rules to group the similar set of data. Data stewards or custodians can approve system-generated matching groups along with suggested survivor records to automatically merge or perform manual adjustments.
- 5. Master Data Merging & Source Updates:** - Migrate the cleansed and consolidated data into peripheral system using pre-built migration and integration template as part of one-time migration (**Get Clean**) and in a steady state, trigger master data merge and update actions (**Keep it Clean**)
- 6. Data Governance:** - Data Governance is a conscious and orchestrated effort by the Data Architects and Data Stewards to ensure the right master/transactional data goes into your ERP System, after scrutiny and corrections by various data stakeholders. dataZen offers capability to configure multi-level approval workflows based on complicated business rules and various business scenarios. The application also provides real time activity monitoring and status tracking along with audit trail for all the changes during request and review process.
- 7. Data Quality Monitoring:** - After all your data quality and migration processes, ChainSys can help provide a comprehensive Data Quality Monitoring dashboard and reconciliation reports to assess data quality and consistency

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