Multi-Domian MDM
Supplier Data Management

Solution Description

Supplier or Vendor Master Data is the critical data element for any organization and clean, consistent Supplier data is vital to an organization's success for effective spend analytics and forecasting.

Hence **Supplier Data Management solution** is critical to have a single, accurate Supplier view that can be used across multiple systems and business units and provide an ability to quickly contact suppliers or send campaigns and to rationalize Supplier profitability.

At the same time a **Supplier Data management platform** needs to be more effective to ensure that your Supplier data is governed and accurate at all the time across various enterprise applications, such as enterprise resource planning (ERP), Supplier relationship management and Supplier Spend Analytics.

ChainSys' enterprise-class Multi-Domain Master Data Management Suite, powered by dataZen™, has all data quality & data governance capabilities, to ensure accurate Supplier Master data in your organization & provide a simplified Master Data Management process to help solve many of the challenges when dealing while managing **Supplier data** across your ERP Systems.

Why ChainSys

- **No programming: Configuration** based implementations with **Pre-Built & Configurable data models** to support any of your ERP data model as a foundation to manage complex information about **Suppliers & Manufacturers** at **one place** along with hierarchical relationships among them.
- **Pre-built extractors, loaders, and integration templates** for all data elements related to Supplier master data domains such as Party, Supplier account, Manufacturers, Prospective Suppliers, Addresses, Supplier sites, Supplier contacts, Relationships etc.
- **Consolidate Supplier data** among multiple peripheral ERP systems as one time consolidation / migration (**Get Clean**) or Ongoing Governance (**Keep it clean**).
- Data Profiling of Supplier master data entities from any Source organization (Structured or Unstructured data) by tying Supplier master data with transactional data statistics as part of Procure to Pay processes.

- Robust **data quality engine** that is highly configurable, highly automated, and easy to use, speeding time to adoption and value.
- **Supplier Master data Cleansing, Enrichment and Deduplication** based on Algorithms, Data Dictionary along with **Deduplication Report Dashboards** for easy data review/adjustment.
- **Configurable Supplier survivorship and attributes merging rules** for automated merging and enrichment of Golden records
- Offers **below capabilities as a Service to** any ERP Systems
  - **Data Quality** to help cleanse, enrich and de-duplicate Supplier master data entities across various domains.
  - **Master Data Onboarding Request** and **Data enrichment** to help Govern Supplier master data entities across various module pre-data entry into ERP Systems with all localization requirements
  - Ability to **automatically post updates** to any ERP systems for Merging of Supplier master data entities such as Supplier profiles, Addresses, Sites etc.Integrations with **any 3rd party systems** for Supplier attribute enrichments and Compliance.
  - Built in **Supplier Portal** to send frequent campaigns to Suppliers for Compliance and other information.
  - **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 Supplier Master Data Management Suite, that can coexist with any system landscape with multiple ERP systems provide various data governance tools and processes by leveraging following out of box features.

1. **Data Architecture & Data Modeling: -** Chainsys's master data Suite offers Industry standard templates to match various ERP Systems for the data modeling, so you don't need to start from scratch.
2. **Data Discovery:** - Connect to any end point to extract Supplier 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 like Duns & Bradstreet to get enriched Supplier data.
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 Supplier data assets as part of Data Stewardship. **Data Matching** to Identifies and resolves duplicate records with configurable business rules to group the similar set of Supplier data. Data stewards or custodians can approve system-generated matching groups along with suggested survivor records to automatically merge or perform manual adjustments.

5. **Supplier Data Merging & Source Updates: -** Migrate the cleansed and consolidated Supplier 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. **Supplier Data Governance: - Supplier** Data Governance is a conscious and orchestrated effort by the Data Architects and Data Stewards to ensure the right Supplier Master 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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