Master Data Governance
For Oracle E-Business Suite

Solution Description

Oracle E-Business suite, like any ERP System, is prone to have data quality problems, over time, mainly due to Continuously increasing data volumes, Lack of out of box simplified Master data governance processes in Oracle E-business suite OR data feed from various source systems into Oracle EBS for master data entities like **Customers, products, suppliers, Contacts, Price List etc.**

ChainSys' enterprise-class master data Suite, powered by dataZen™, has all data Governance capabilities to govern and maintain the quality data in Oracle E-Business suite including various master data entities such as **Parties, Customers, Suppliers, Contacts, Products, Locations and many more**.

Why ChainSys

- **Pre-built & Configurable data models** to support Oracle's Trading Community Architecture (**TCA**) data model used as a foundation to manage complex information about the **Parties, Customers, Suppliers, Contacts etc.** including **organizations, locations,** and the network of hierarchical relationships among them.
- **No programming: Configuration** based implementations with **flexible & Configurable data models** to support and match various master data entities from Oracle E-Business Suite modules such as Inventory, Receivables, Pricing, Payables, Purchasing etc.
- **Real-time & Batch integration powered by pre-built extractors, loaders, and integration templates** for various master data such as Parties, Customers, Locations, Suppliers, Contacts, contact points, price lists etc. to easily push the governed and approved master data into Oracle E-business suite.
- **Centralized data hub** across multiple peripheral Systems and Oracle E-business suite as part of Ongoing Governance (Keep it clean) to maintain "**System of Record**" for master data with reporting, cross- referencing across various systems.
- **Simplified data view screens** for data Collections and Review as part of **Master data onboarding**.
- **Deduplication & Potential Duplicate warning** based on Algorithms to avoid duplicate data entries upstream.Preconfigured as well as easily **configurable & flexible workflows** to support data governance and approval processes

- **Real time Activity Monitoring & Auditing** through request submission, approval and integration phase as part of Master data onboarding.
- **Control of privileges** at the organization/object/attribute level for integrity such as access control based on Operating Unit, Inventory Organizations, Region etc.
- **Plug and Play integrations with 3rd party Systems** for data enrichments e.g., D&B etc.
- **Master Data Onboarding Request and data enrichment as a Service** to help Govern master data entities across various module pre-data entry into Oracle E-business suite.
- **Data Visualization** including Audit and SLA reporting.
- **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 systems including Oracle E-Business Suite provides various data governance tools and processes by leveraging following out of box features.

1. **Data Architecture: -** The architecture for screen layouts, data models and workflows are flexible and configurable. ChainSys offers the customer centric design approach for multi domain MDM master data to ensure easy user's experience. All the objects can be easily migrated from one instance to another using built-in configuration management.
2. **Data Model: -** Data modeling is the most time-consuming process in building a multi-domain MDM. Chainsys's master data Suite offers Industry standard templates to match Oracle E-Business suite data models (e.g., TCA for Customers, Suppliers, Contacts etc.) for the data modeling so you don't need to start from scratch. It provides complete built-in reference data model also. This reduces the implementation time and cost by over 50%.
3. **Data Quality Management: -** Chainsys's master data Suite ensures offers robust Workflow and ML Algorithms (NLP) to provide a powerful data Quality Management (DQM) Engine to keep the master data governed in any enterprise application.
4. **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.
5. **Data Stewardship: -** Data Stewardship encompasses the tactical management and oversight of the company's data assets. ChainSys offers the tools and processes (including workflow, notifications, and approvals) to best perform this role.
6. **Reference Data & Metadata Management:** - Metadata of the data entities within a domain is an important success factor for multi domain MDM. ChainSys offers metadata management for all master data domains and entities, registration of the data attributes, services for CRUD against these data models and provides data lineage. It also provides out of the box solution for reference data synchronization into the hub from Oracle e-business suite such as Setups, Org Context etc.

7. **Data Integrations & Synchronizations**: - Chainsys's master data Suite uses out of box , pre-built adapters to load master data entities into various modules of Oracle E-business Suite, making drag and drop data integrations a reality. It also supports integrations with any third party systems such as D&B , or address standardization systems or any other data enrichments systems and can be configured as simple plug and play integrations based on web-services or REST APIs.

8. **Data Security:** - Chainsys's master data Suite offers data access control, data encryption, and data masking data security features based on Oracle E-business suites' multi-Org access control. dataZen can identify noncompliance with respect to PII data and make it comply.

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