



Integration Platform For Siemens Teamcenter PLM

Solution Description

ChainSys Integration Platform enables data engineering and system integration teams to build and deploy data and application integrations between Siemens Teamcenter PLM and other data sources and targets, applications, and trading partners quickly and easily, using a single no-code, drag-and-drop interface.

Whether integrating applications, messages, services, structured, semi-structured, or unstructured data, on premise or on the cloud, ChainSys Integration Platform connects and moves data between any source and target. Data can also be consolidated, aggregated, transformed, cleansed, enriched, reconciled, monitored, and governed. If you can imagine it, you can integrate it, all in one unified integration platform.

Key Features

- Connect to eBS and other Enterprise Applications with pre-built Extract and Load Adaptors
- Connect to SQL and NOSQL Databases
- Connect to Big Data Endpoints and Services
- Connect to Queuing and Streaming Services
- Connect to AI and ML Services
- Connect to REST, SOAP, and ODATA Services
- Connect to File Storage Systems
- Connect to Email Servers
- Build Synchronous and Asynchronous Integrations
- Build Transactional Application to Application Integrations
- Build Data Integrations and Pipelines, using ETL, ELT, CDC, etc.
- Build a Centralized Data Exchange
- Build a Centralized Cross-Reference Library
- Build a Centralized API Catalog
- Publish Data Extracts as Web Services
- Drag-and-Drop User Interface
- Integration Version Control

- Integration Monitoring Dashboards, Notifications, and Alarms
- Profile and Cleanse Data During Integration
- Public Cloud, Private Cloud, On-Premise and Hybrid Deployments Possible

Why Chainsys

- True hybrid integration platform (HIP), for connecting your on-premise, cloud, and 3rd-party APIs.
- One single integration platform for all your data and application integration requirements.
- Centralized integration administration, monitoring, and governance.
- All common enterprise and data integration patterns supported.
- Scalable, distributed compute model.
- No-code, drag-and-drop user interface.
- Easy to learn and use.

Chainsys Approach

ChainSys Integration Platform begins by defining connections to any end point. Enterprise application endpoints have pre-defined extractors and loaders, and new extractors and loaders can be configured on the fly.

Extracted data can be staged and reused as a data exchange or published as an API, to be used as inputs to future integrations.

Source and target end points are mapped one to another using a drag-and-drop interface to create a data flow, where other validations and transformations can also be injected to summarize, normalize, denormalize, split, merge, union, validate, cleanse, enrich, route data.

Individual Data Flows can be run manually, or on a schedule. Multiple Data Flows can be grouped and executed as complex Process Flow and executed manually, or on a schedule.

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