

SANCUS: AI-POWERED DATA QUALITY MANAGEMENT

Accelerate Business Outcomes with Trustworthy Data

SITUATION

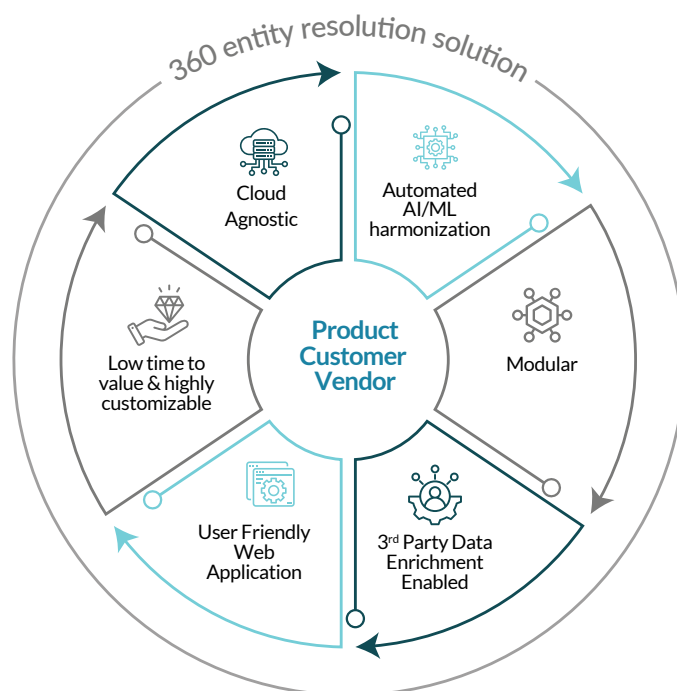
Poor data quality is a silent challenge for enterprises, bleeding them with a \$13 million annual loss, as noted by Gartner. With multiple data sources (syndicated POS, Panel, ePOS, and web scraped data) available, the lack of data harmonization hinders holistic analysis, affecting decision-making and confidence in AI solutions.

COMPLICATION

Poor data quality escalates data ecosystem complexity, leading to siloed decisions, mistrust, and a lack of confidence in report accuracy. Traditional tools fail to address these issues due to limitations in AI/ML capabilities.

SOLUTION

Tredence's Snowflake Certified, AI-driven data harmonization and enrichment accelerator – Sancus, enhances data quality through AI algorithms, enabling standardized outputs for various master data and significantly improving analytics and productivity.



Sancus helps establish a centralized data framework by creating a Master Data Engine, offers scalable data management with its auto-scale feature on Snowflake, and ensures rapid market entry with a go-to-market timeline of 6-8 weeks.



CLOUD AGNOSTIC

Compatible with the Data Engineering stack across all cloud providers.



MODULAR

Efficiently harmonizes Product, Material, Customer, Vendor, and Supplier masters across Retail, CPG, Tech, and Manufacturing industries.



AUTOMATED AI/ML HARMONIZATION

Utilizes LLM and deep learning models for reliable near real-time data.



3rd PARTY DATA ENRICHMENT

Supports web scraping for product data and API integration for address validation and geocoding.



CUSTOMIZABLE AND FAST DEPLOYMENT

Delivers harmonized data in 8-10 weeks with the flexibility to customize UI, data quality, and matching features.



USER-FRIENDLY APPLICATION

Comes with an intuitive interface that incorporates feedback and facilitates ongoing data record maintenance.

CAPABILITIES

DATA QUALITY, VALIDATION & ENRICHMENT

Create a golden record by standardizing, cleansing, and deduplicating data. Dashboard with quality metrics insights configured for your data governance workflows. Validate leads/customer data with our postal directories & 3rd party APIs.

HIERARCHY MANAGEMENT

Gain insights into customer vendor hierarchies through 3rd-party partnerships. Categorize product material data into hierarchies using AI/ML algorithms.

FEEDBACK LOOP

Validate and provide feedback on golden record creation/model classification. Improve feedback accuracy with classification algorithms.

BUSINESS IMPACT

Simplified and streamlined master data management, supplier networks, and procurement operations for a Fortune 500 CPG firm.

83% reduction in duplicate product master data

56% reduction of duplicates in Spanish and 37% in Turkish languages, respectively

6% jump in accuracy for the customer entity, from 85% to 91%

About Snowflake

Snowflake enables every organization to mobilize their data with Snowflake's Data Cloud. Customers use the Data Cloud to unite siloed data, discover and securely share data, power data applications, and execute diverse AI/ML and analytic workloads. Wherever data or users live, Snowflake delivers a single data experience that spans multiple clouds and geographies. Thousands of customers across many industries, including 647 of the 2023 Forbes Global 2000 (G2K) as of October 31, 2023, use Snowflake Data Cloud to power their businesses. Learn more at snowflake.com

About Tredence

Tredence is a data science solutions provider focused on solving the last-mile problem in analytics. The 'last mile' is defined as the gap between insight creation and value realization.

Establish and enforce standardized data processes to automatically drive value across the enterprise with Sancus. Learn More: <https://www.tredence.com/solutions/ai-powered-data-quality-management>