

Data Refinement Solves Product Data Dilemma

How does a global company with disparate purchasing departments in different locations go about unifying its product data? When the data is located in different sources, consolidating data is an extremely complex, time-consuming, and labor-intensive task, especially when the product information is unclear, inconsistent, and incomplete.

Various attempts at data consolidation have been less than successful; some relying on outsourced manpower which compromises data security and accuracy, while others are limited to structured and semi-structured data. What's needed is an end-to-end solution that is able to effectively deal with various formats, languages, and applications — transforming dirty data into high-quality, refined master data that is clear, consistent, and classified.

DataRefiner, a high-performance data refinement system, aggregates product data from different sources; cleanses, standardizes, and classifies the data into categories; extracts product attributes and enriches the data; and identifies duplicate or similar products to create consolidated, tabulated product data.

DataRefiner enables companies to generate standardized product descriptions, identify duplicate or similar products, refine the data, protect the data from future contamination, and use the data for searching, analyzing, and purchasing.

DataRefiner's automatic, artificial-intelligence-based process ensures high accuracy and reliability with minimal human intervention. Company data is kept secure because it remains behind the company's firewall at all times. In addition, DataRefiner is universal and works with any language.

The DataRefiner Suite comprises several subsystems and is supported by various lexicons and knowledge bases, including the InQuera Central Repository, an MRO reference catalog of over three million items.

Developed by InQuera Ltd., formerly the content division of A2i (developers of the xCat system), who have extensive product content management expertise, DataRefiner is the effective solution for business initiatives that involve leveraging product data such as M&A, supply chain optimization, lean manufacturing, MDM or PIM projects, SDM, and eProcurement.



The business benefits are manifold: High-quality master data enables effective spend data analysis, efficient inventory management, reduced procurement costs, lowered manufacturing costs, and decreased logistic costs.

About InQuera

InQuera Ltd. specializes in product data quality and data governance, developing product information systems that transform raw data into rich master data. InQuera's DataRefiner Suite takes unstructured product data from different sources and cleanses, classifies, assigns attributes to, normalizes, and combines the data into a single source. DataRefiner automates the process of consolidating raw, dirty data from diverse sources into refined master data.

Website: www.inquera.com