Product Data Quality Cloud Service

Cloud Service to Categorize, Classify, Standardize, Cleanse and Attribute Product Data
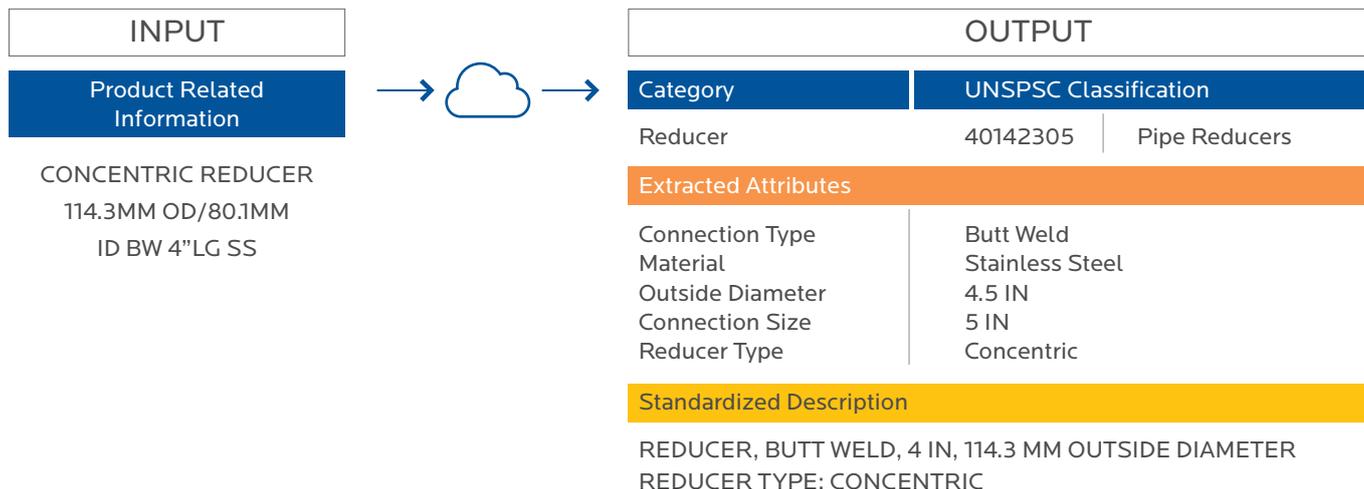
Data quality plays an important role in an organization as it enables measuring how well its organizational data practices gratify business, technical, and regulatory standards. High data quality enables an organization to increase efficiency, enhance customer service, and drive profitability whereas poor data quality attracts conflicting reports, flawed business plans, resulting in erroneous decisions due to outdated, inconsistent, and invalid data.

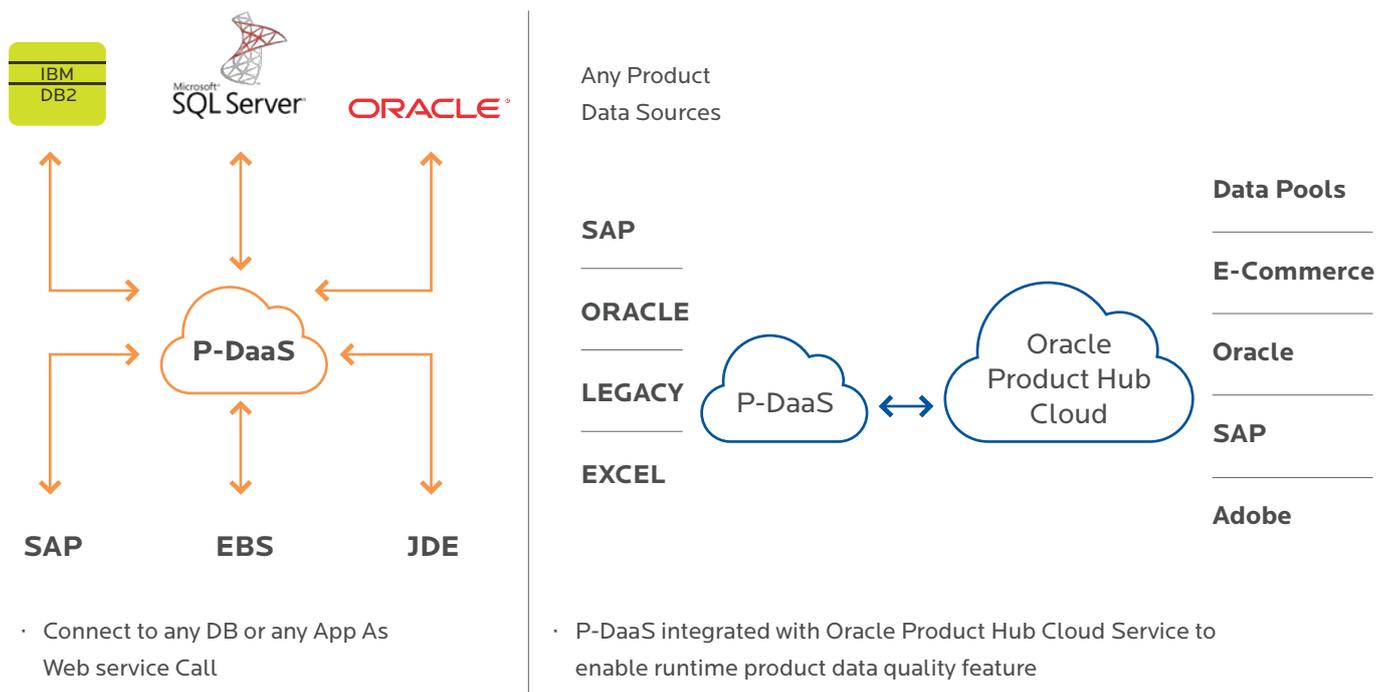## Birlasoft Product Data Quality As A Service (P-DaaS)

Birlasoft Product Data Quality As A Service (P-DaaS) helps enterprises in successful handling of Product data quality issues by providing trusted data that can integrate with any application to improve business insight. It is built on world class Oracle EDQP solution for semantic parsing mechanism and exposes all features of EDQP as web service.

The Birlasoft Edge

- Cloud Based Web Service – can be called from any Platform
- Classifies Products in correct category and generates valid attributes based on Semantic Rules Mechanism and Pre-Built Taxonomy Library
- Supports Batch Product Data Classification and Attribution
- Integrated with Oracle Product Hub Cloud (SaaS) for real time data quality check

INPUT	OUTPUT	
Product Related Information	**Category**	**UNSPSC Classification**
CONCENTRIC REDUCER 114.3MM OD/80.1MM ID BW 4"LG SS	Reducer	40142305 Pipe Reducers

Extracted Attributes

Connection Type	Butt Weld
Material	Stainless Steel
Outside Diameter	4.5 IN
Connection Size	5 IN
Reducer Type	Concentric

Standardized Description

REDUCER, BUTT WELD, 4 IN, 114.3 MM OUTSIDE DIAMETER REDUCER TYPE: CONCENTRIC

P-DaaS Integration Mechanism

IBM DB2 · Microsoft SQL Server · ORACLE

Any Product Data Sources

SAP · EBS · JDE

P-DaaS

SAP
ORACLE
LEGACY
EXCEL

P-DaaS ↔ Oracle Product Hub Cloud

Data Pools
E-Commerce
Oracle
SAP
Adobe

· Connect to any DB or any App As Web service Call

· P-DaaS integrated with Oracle Product Hub Cloud Service to enable runtime product data quality feature

Benefits

· Faster ROI and Reduced TCO with subscription based Cloud Service
· Improve Operational efficiency by converting manual product clean-up process with automated service
· Reduce Complexity of Product Data Quality Management
· Shorten timelines for ERP Consolidation, Migration and Ecommerce Project
· Minimize Risk because of poor product data classification
· Improve Product Reporting by quick integration with Data warehouse
· High scalability and flexibility
· Simple integration with other On Premise and Cloud Applications
· Integrate for run time product data quality validation

Enterprise to the Power of Digital™

Birlasoft combines the power of domain, enterprise and digital technologies to reimagine business processes for customers and their ecosystem. Its consultative and design thinking approach makes societies more productive by helping customers run businesses. As part of the multibillion diversified CK Birla Group, Birlasoft with its 10,000 engineers, is committed to continuing our 150 year heritage of building sustainable communities.