ORACLE PRODUCT INFORMATION MANAGEMENT DATA HUB

Consolidate all product information
- Catalog and Attribute Management
- Item Relationship Management
- Document Management
- Configurations Management

Import Data and Synchronize Multiple Systems *(with PIM Data Librarian)*
- Data Import Workbench
- Optimized bulk import through staging tables
- Spreadsheet import for easy upload and maintenance
- Rich set of APIs and business events for integration

Manage Data Quality *(with PIM Data Librarian)*
- Matching and De-duplication
- Data Validation Rules
- New Item Definition Workflow
- Change Management

Securely Access & Search Information Repository *(with PIM Data Librarian)*
- Role-based Security
- Keyword and Parametric Search
- Catalog Browse
- 360 degree view of product information

Syndicate & Publish Product Information *(with PIM Data Librarian)*
- Multi-lingual template based XML publishing to publish information to multiple formats

Oracle Product Information Management Data Hub (PIM Data Hub) is an enterprise data management solution that enables customers to centralize all product information from heterogeneous systems, creating a single view of product information that can be leveraged across all functional departments. PIM Data Hub helps customers eliminate product data fragmentation, a problem that often results when companies rely on nonintegrated legacy and best-of-breed applications, participate in a merger or acquisition, or extend their business globally. PIM Data Hub is a component of Oracle's Fusion Middleware brand.

Oracle PIM Data Hub, Oracle Product Information Management Data Librarian (PIM Data Librarian), and Oracle Product Data Synchronization for GDSN and UCCnet Services (PDS) are part of Oracle's Product Information Management (PIM) solution. Licensing Oracle PIM Data Hub gives customers the right to use PIM Data Librarian (which is licensed separately) on an instance other than the instance where the company has deployed the Oracle E-Business Suite. Licensing Oracle PIM Data Hub Add – On gives customers the right to use PIM Data Librarian (which is licensed separately) on the same instance where the company has deployed the Oracle E-Business Suite.
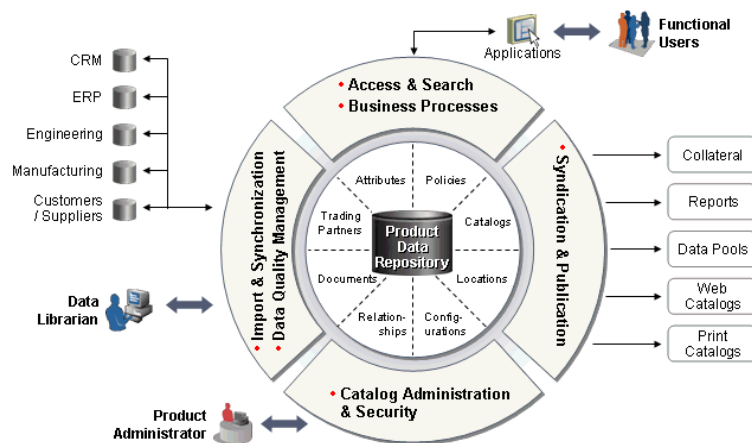

Figure 1: Product Information Management Data Hub Overview

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Overview

Today companies can leverage the capabilities of Oracle PIM Data Hub together with Oracle PIM Data Librarian and Oracle Application Server 10g, to consolidate, manage and synchronize all product information with other source systems and trading partners. This comprehensive enterprise product information management solution offers virtually unlimited extensible attributes, workflow-driven change management, and granular role-based security. The data stored within the hub can be both unstructured data, like sales and marketing collateral, or structured data, such as item attribute specifications and catalogs, configurations / bills of materials (BOMs) for engineering and manufacturing, and item (Cross / Up-Sell), trading partner and location relationships.

Oracle PIM Data Hub helps companies manage business processes such as:

Manage sell-side and buy-side product catalog

Companies can securely store all finished goods product information (product characteristics, sales and marketing information, collateral, datasheets, images), organize products into user-defined catalogs for quick retrieval via keyword-based or parametric search, provided targeted access to certain product information via fine-grained security.

Centralize in-side product catalogs and build a product master

Companies can consolidate their products and components into Oracle PIM Data Hub to serve as an item master for all their systems. It also allows customers to manage product specifications, product documents, and product configurations in a central system. Companies can manage new item definition and request processes, control product data quality with validations, standardization and de-duplication, and streamline product change requests and orders with workflow-driven approvals and reviews.

Integrated BOMs / Structure Management

Companies may consolidate and manage BOMs / structures from multiple engineering systems, sales configurations, global manufacturing plants and service organizations, which provides a single view of BOMs / structures for each product or item.

Oracle PIM Data Hub is a component of Oracle Fusion Middleware. Oracle Fusion Middleware is a family of integrated, standards-based products that are being used by customers around the world today. Oracle Fusion Middleware includes a variety of middleware products such as Oracle Application Server 10g, related Application Server products and options, Data Hubs and Oracle Collaboration Suite. Oracle Fusion Middleware equips organizations to become more agile, make better-informed business decisions and more easily integrate information and processes across diverse IT systems.

PIM Data Hub leverages the Oracle Data Model, which underlies the Oracle E-Business Suite, as its foundation, and has extended the Data Model to support non-Oracle heterogeneous application environments. PIM Data Hub leverages Oracle Application Server 10g to provide comprehensive application integration services,

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- An extensible, scalable and proven data model for all product information
- Maintain clean, accurate single source of the truth through broad data quality tools (with PIM Data Librarian)
- Enrich product information for all enterprise business processes (with PIM Data Librarian)
- Securely share product information across the enterprise and with trading partners (with PIM Data Librarian)
- Ensure compliance with regulations and industry mandates such as RoHS/WEEE and GDSN/UCCnet (with PDS)

RELATED PRODUCTS
AND SERVICES:

- Product Information Management Data Librarian
- Product Data Synchronization for GDS and UCCnet Services
- Oracle Application Server 10g

such as a framework to build high-speed synchronization and business process management across different environments, and a robust messaging and monitoring infrastructure.

Oracle E-Business Suite—The Complete Solution

Oracle E-Business Suite enables companies to efficiently manage customer processes, manufacture products, ship orders, collect payments, and more—all from applications that are built on unified information architecture. This information architecture provides a single definition of your customers, suppliers, employees, and products—all important aspects of your business. Whether you implement one module or the entire Suite, Oracle E-Business Suite enables you to share unified information across the enterprise so you can make smarter decisions with better information.

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