

Oracle Product Lifecycle Management Cloud

Shrinking product lifecycles, global competition, supply chain complexity, and the need to provide better customer experiences have made it more challenging than ever to bring winning products and services to market. Because of the accelerated pace of innovation, you must be able to anticipate customer needs and maximize product pipeline while also adapting to the changing environment of selling products to selling products and with their associated embedded software.

YESTERDAY'S PLM SOLUTIONS DON'T WORK FOR TODAY'S ECONOMY

As the speed of innovation accelerates and customers demand more fulfilling experiences, many companies mistakenly think that they can establish additional manual controls and build heavy customizations on top of their current Product Lifecycle Management (PLM) solutions to keep up. Attempts at doing this have only led to increasing IT costs and complexity, without tangible business improvements.

The problem is that yesterday's legacy systems weren't designed to meet the digital requirements for today's innovation processes – they do a poor job at managing the complexities of global product launches and weren't built to support complete service offerings such as “Products as a Service” (PaaS). As business operating models continue to shift from selling products to selling products and their corresponding embedded software, companies need a future-ready digitally connected PLM system that supports them along the way at scale.

The PLM Cloud Advantage

- **Configurability:** uses low code embedded solutions like apps composer
- **Visibility:** embedded real-time analytics
- **Single Source of Truth:** common data model across PLM, SCM, IoT, Social Monitoring applications
- **Continuous Improvement:** Quarterly releases means new functionality updates and not delays in months or years for re-deployments

The Power of a Digitally Connected PLM

- **Complete Visibility:** delivers true visibility by tightly linking the voice of the customer with the voice of the product into the enterprise product record.

Disclaimer: This document is for informational purposes. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, and timing of any features or functionality described in this document remains at the sole discretion of Oracle.

ORACLE PRODUCT MANAGEMENT CLOUD – PLM 4.0

Oracle Product Lifecycle Management Cloud delivers the next generation of PLM. It's a future-ready PLM 4.0 solution that outpaces change, pulling insights from all the digital noise from the product, customer, and factory so companies can make faster and more informed business decisions. At the core, Oracle's PLM 4.0 solution delivers a true Digital Thread that connects and listens to the many voices of machine (IoT), product (including digital twins), factory, and customer (via social monitoring) across the enterprise. Access to this data in real-time from anywhere at any time on the cloud empowers action by tightly linking business processes, aligning product development and NPI, and eliminates the complexity of gathering information across supply networks. Oracle PLM Cloud also:

- **Empowers Smarter Innovation** with enterprise class capabilities to streamline, translate, optimize, and execute a balanced, achievable portfolio targeted to deliver winning offerings matched to growth strategies. Social collaboration and embedded analytics enable faster decisions and traceability.
- **Accelerates Product Development** by efficiently developing and managing new products and engineering change requirements while enhancing your product record through item and approved manufacturer list (AML) management, bill of materials (BOM) management, change management, and supplier collaboration.
- **Ensures Design Meets Requirements** by utilizing a powerful guided selling and configuration solution that enables flexible modeling of configurable, multi-option, and customizable products and services.
- **Harmonizes Product Data** for rapid commercialization. Establish governance and publish product master data for globalized manufacturing and omnichannel commerce. Seamlessly syndicate data to internal and external applications and marketplaces with a single multi-domain solution, delivering trusted and commercialized product information.
- **Reduces Cost of Quality** with a built-in enterprise closed-loop quality 4.0 solution to define, identify, analyze, and correct quality events and improve the overall effectiveness, safety, and profitability of your products and services.

A NEW MODEL FOR PLM

Oracle's PLM 4.0 solution connects innovation, enterprise quality, analysis, collaboration, social monitoring, and IoT data with product development and change management through to supply chain and sales commercialization operations. This combination has a dramatic impact on reducing risk and shrinking new product development (NPD) lifecycles by sharing data management best practices across the broader supply chain.

Because Oracle PLM Cloud is built on a common data model with embedded analytics, companies can manage, aggregate, and convert digital twin and inter/external information into predictive, preventative, and prescriptive insights that improve how products are designed, manufactured, maintained, and used. This results in faster decision making, improved product cycle time, time-to-market, and development productivity while reducing product costs and product quality problems. Here are some additional benefits to Oracle PLM Cloud:

- Tightly links the voice of the customer with the voice of the product into the enterprise product record to turn visibility and data into new innovations and better customer experiences.
- Leverages social monitoring, Internet of Things (IoT), Digital Twins, Artificial Intelligence, and quality assessment to close the data latency and information gaps between the product and the customer.

- **Improves Customer Satisfaction:** closes the data latency & expectation gaps between the product and the customer leveraging the voice of the customer, social monitoring, and voice of the product, Internet of Things (IoT), Digital Twins, Artificial Intelligence, Digital assistance and quality assessment.
- **Drives Quick and Accurate Decisions:** provides embedded analytics and a collaborative platform with a single Common Data Model [PIM/Item Master] to unite the entire Product Record.
- **Reduces Latency and Data Disconnect:** delivers the single source of truth to all stakeholders participating in the same process across a single digital thread.
- **Accelerates Innovation to Commercialization:** through unified processes from an idea to commercialization and speed of execution with Digital Assistance.
- **Drive Closed-loop Quality Unified with Manufacturing and Inventory:** eliminate the data chase to make high-speed 360-degree decisions with near real-time transparent and traceable information starting at the innovation funnel.

Unified End-to-End PLM

- Accelerate idea through commercialization
- Capture ideas from anywhere and organize them into initiatives
- Trace ideation and requirements Management all the way thru ERP processes
- Prioritize and advance the ideas with the best potential to deliver value, suitability, and feasibility, and align with business objective

- Built on top of a single Common Data Model with a built-in PIM solution for Commercialization.
- Embedded Analytics and Social Platform that converts data to real-time insights to drive quick and accurate decisions and enforce teamwork.
- Increases velocity of execution leveraging Digital Assistants (DA) to automate and complete everyday tasks or reduce the learning curve for occasional users.
- Connects various data silos, stakeholders and processes together with a digital thread.
- Integrates external data from the voice of the customer/product/factory for measurable insights that lead to ideas the customer wants and new business opportunities and models such as product-as-a-service.
- Accelerates innovation through commercialization process.

OUTPACE CHANGE

Oracle Cloud technology gets you out of the business of managing hardware and software infrastructure. Oracle's easy-to-use PLM Cloud solution is designed to connect your entire organization by establishing a single source of truth for product information and processes. You can leverage Oracle cloud services to transform your entire value chain as you rapidly scale innovation, development, and commercialization of new products. Oracle's proven, cloud-based PLM solution enables you to quickly and securely deploy new services and capabilities—so a good idea never languishes.

To learn more visit oracle.com/plm.

- Easily and quickly create a rich item definition, the starting point of an enterprise product record
- Delivers the product record to ERP completely configured for each site, market, country
- Improve development collaboration and boost efficiency and response to change
- Develop configurator models for complex, customizable product and services to ensure that each configuration meets product design requirements
- Connects Research & Development, manufacturing, inventory, and quality assurance & control to achieve greater quality visibility, insights, and collaboration
- Consolidate, govern, share, enrich, and unify product data from multiple sources
- Delivers a purpose-built item mastering solution that rapidly enables product change on a single-source-of-truth platform

CONNECT WITH US

Call +1.800.ORACLE1 or visit oracle.com.

Outside North America, find your local office at oracle.com/contact.

 blogs.oracle.com/oracle

 facebook.com/oracle

 twitter.com/oracle

Integrated Cloud Applications & Platform Services

Copyright © 2019, Oracle and/or its affiliates. All rights reserved. This document is provided for information purposes only, and the contents hereof are subject to change without notice. This document is not warranted to be error-free, nor subject to any other warranties or conditions, whether expressed orally or implied in law, including implied warranties and conditions of merchantability or fitness for a particular purpose. We specifically disclaim any liability with respect to this document, and no contractual obligations are formed either directly or indirectly by this document. This document may not be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose, without our prior written permission.

This device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Xeon are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Opteron, the AMD logo, and the AMD Opteron logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group. 1019