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Oracle Fusion Cloud Product Lifecycle Management (PLM)

Innovation has become the new battleground for today's top companies. But finding great ideas, choosing which to invest in, getting them to market quickly is far from easy. Most companies can't tell you whether or not their product offerings are delivering a proper return on investment. Lacking this visibility, how can you strategically invest in new product development without being concerned about stifling top-line revenue growth?

Why traditional PLM systems fall short

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) software to keep up. Attempts at doing this have only led to increasing IT costs and complexity without tangible business improvements.

The problem is that legacy PLM 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 "Product-as-a-Service" (PaaS). As business operating models continue to shift, for example, from selling products to selling products and their corresponding embedded software, companies need an integrated PLM software that's tightly linked to their supply chain and is built to support them as they scale.

Oracle Fusion Cloud PLM

Oracle Fusion Cloud Product Lifecycle Management (PLM) helps your supply chain and development teams unify processes and effectively manage data so they can prioritize and agree on the requirements needed to continuously innovate and commercialize new products and services. This helps reduce latency, meet global compliance standards, and eliminate supply chain risk throughout the product lifecycle. Oracle Cloud PLM provides a digital thread that standardizes and structures design, planning, manufacturing, and service processes to help drive faster, higher-quality innovations and support business transformations.

The Cloud PLM 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

Cloud PLM Use-Cases & Key Features

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

- 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

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Cloud PLM pulls data from the many voices of machine (IoT), product (including digital twins), factory, and customer (via social monitoring) to help companies make more insightful decisions. Access to this data in real time from anywhere on the cloud eliminates the complexity of gathering information across global supply networks and empowers action by unifying siloed business processes to streamline product development and new product introductions (NPI).

Oracle Cloud PLM Benefits

- 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. Embedded analytics and connected IoT 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 master 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 management solution (QMS) 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 Software

Oracle Cloud PLM connects innovation, enterprise quality, analysis, collaboration, 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) and introduction lifecycles by sharing product master data management (PMDM) best practices across the broader supply chain.

Because Oracle Cloud PLM 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.

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 PLM from idea to service

- Accelerate ideas 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

- 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

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Oracle Cloud PLM also:

- 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.

- Built on top of a single common data model with a built-in product information management (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.

- Unifies 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 (PaaS).

- Accelerates innovation through commercialization process.

products 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 changes on a single source of truth platform

Learn more about Oracle Cloud PLM Software

Oracle Cloud PLM is built on a Software-as-a-Service (SaaS) model meaning it's always kept up-to-date with the latest features, functions, and best practices. Updates roll out updates regularly, as often as monthly, so companies are continuously leveraging the latest innovations. Oracle Cloud PLM unifies processes and data from design, planning, manufacturing, and service to provide the foundation and digital thread needed to support business transformations. When PLM is on a common platform across ERP, SCM, Supply Chain Planning, Manufacturing, Maintenance, IoT and Customer Experience, companies can drive faster, higher-quality innovations through product launch and be more adaptable when markets pivot.

To learn more visit oracle.com/plm.

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