

Oracle Configurator Cloud

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FUSION APPLICATIONS
SUPPLY CHAIN MANAGEMENT

In today's business environment, customers are demanding products that are tailored to their unique specifications. Successful companies must provide customized versions of products with shortened lead times. The Oracle Configurator Cloud is a powerful guided selling and configuration product that enables flexible modeling of configurable, multi-option and customizable products and services. It has three major components: a configurator modeling capability that uses constraint-based technology to develop a series of rules and options that define valid configurations for products; a configurator run-time that can use these configurator models, or optionally a simpler definition based directly on the product structure, to present a dynamic user interface for the capture of the configuration selections on an order; and lastly a method of translating these selections into a fulfillment activity – such as manufacturing or component picking. Pre-integrated with Oracle Order Management Cloud, Oracle Configurator Cloud eliminates order errors and the associated cost of re-work, and automates the order-to-production process to reduce overall sales cycle times.

SIMPLIFY CONFIGURATION OF COMPLEX SOLUTIONS

KEY BUSINESS BENEFITS

- Eliminate order errors and associated cost of order re-work
- Automate the order-to-production process and reduce sales cycle times
- Match customer requirements to the best possible solution
- Guide customers to valid product configurations
- Enable users to quickly create, test and release configuration models

Centrally Manage Configurator Models

Oracle Configurator Cloud provides an intuitive development environment for building and maintaining configuration models. The Configurator Modeling Environment (CME) enables Product Configurator Managers to manage the full life cycle of a configurator model – from import of the model structure into the CME, through design, test and release of the configurator model to production.

The CME allows a Product Configurator Manager to capture a point in time representation of the model definition, and supplement the model with guided selling features and options, and use different types of rules – Defaulting Rules, Constraint Rules or Search Decisions - to specify how the model is configured. A *what you see is what you get* (WYSIWYG) user interface editor allows the Product Configurator Manager to design a customized user experience via user interface templates to create the runtime user interface and conditionally control page layout and content.

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The CME has a conceptual work area to allow the Product Configurator Manager to modify and test draft models prior to release into production. The evolution of configuration models is managed with version control of the supplemental structure, rules and user interfaces. The Product Configurator Manager is able to simulate and test business logic, model behavior and overall user experience prior to release. Delta changes to the model can be incrementally released into production, leveraging comprehensive impact analysis and validation checks prior to release to ensure quality.

KEY FEATURES

- Template-driven user interface
- WYSIWYG user interface editor
- Transactional attributes to add item characteristics at runtime
- Pre-Integrated with Order Management Cloud
- Intuitive development environment for management of configuration models
- Model testing, versioning and release
- Underlying constraints-based configuration technology

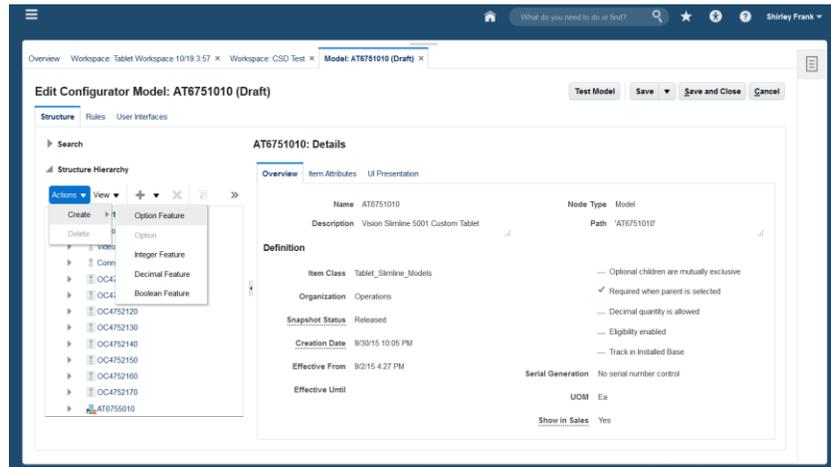


Figure 1. Configurator Modeling Environment - An intuitive development environment for building and maintaining configuration models

Simplify Configuration of Complex Solutions

Oracle Configurator Cloud provides a dynamic runtime user interface based on an Oracle Application Development Framework (ADF) task flow which can be embedded within the hosting application. The user interface is template-driven which allows for rapid development and ease of deployment.

The user interface (UI) supports a variety of UI controls such as radio button groups, checkbox and choice lists, with more complex tabular controls to manage multi-item and multi-instance selection/s, and commonly used layout and navigation options such as single page, step-by-step and dynamic tree. Transactional item attributes, part of the item class definition, can be leveraged to specify additional item characteristics during runtime product configuration.

During product configuration, prices for the selections are displayed within the configuration user interface, enabling the user to make decisions about the selections based on this information. On completion, an overview of the configuration is presented to provide a summary of final selections, including pricing details and totals for the configuration.

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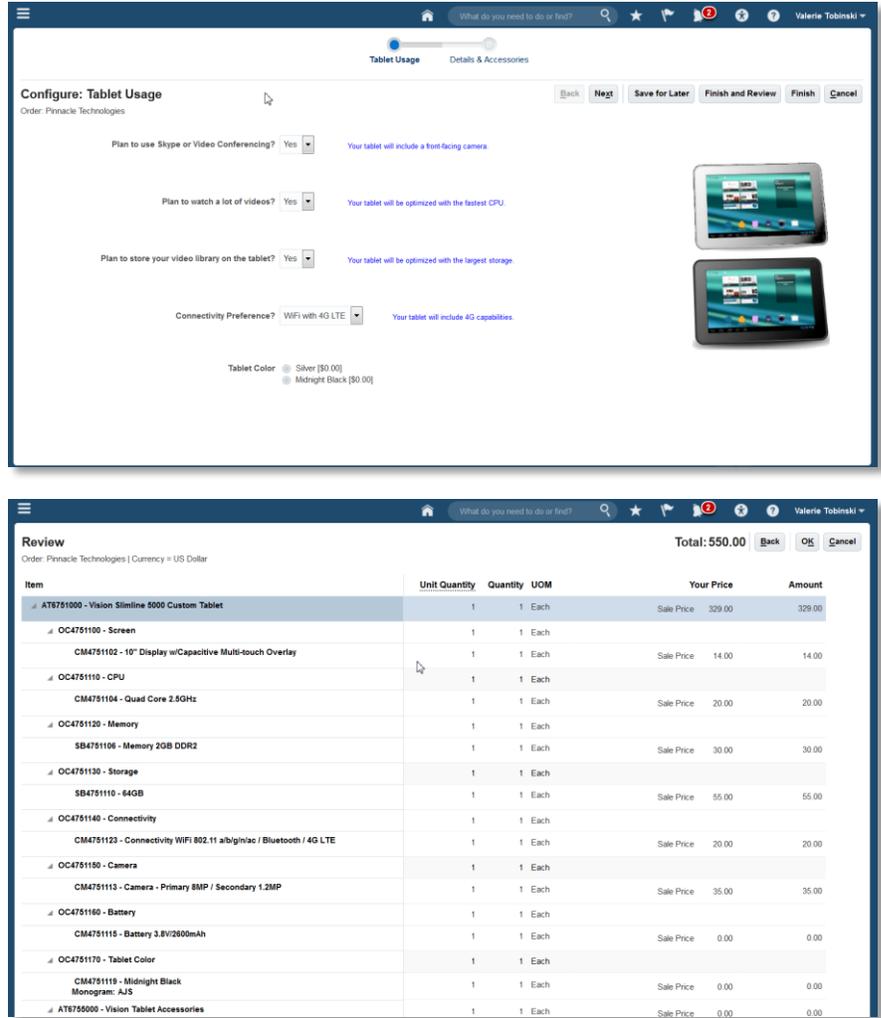


Figure 2. Product Configuration Template-Driven User Interface

Integrated With Order Management Cloud

Oracle Configurator Cloud is integrated with Oracle Order Management Cloud to provide a seamless user experience. The Configurator Runtime user interface is invoked directly from the order; the user makes their selections which are verified by the configurator validation services before the details of the configuration are returned back to the order. The user can view configuration details in the order, and can restore the configuration to make changes or revise the order, as necessary.

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Streamline Configure-To-Order

With Oracle's configure-to-order features, you can streamline configuration management and deploy an efficient build-or-purchase solution to meet customer demand with the shortest possible fulfillment cycle times. Oracle Configurator Cloud supplies all aspects of the configuration rules, user interaction, order capture and translation. It can also provide the backend and integration services to fulfillment execution (finished products and manufacturing) for configurations captured via other sources, such as Oracle CPQ Cloud.

Once the configured customer order is captured, the system will automatically create and reserve a work order, purchase order or transfer order, or simply reserve to a matching, on-hand configuration. The system manages changes to supply and demand automatically, and alerts you to exceptions when they occur.

If the configured item will be manufactured, the system creates a reserved work order to build the item based on the selected options. The configured item work definition is created on demand during planning collections and work order creation, using the base assemble to order (ATO) model work definition, selected options and transactional item attributes along with the applicability rules. This design reduces item proliferation and replication of data, improves item management and on-time order fulfillment.

RELATED SOLUTIONS

Oracle Order Management Cloud

designed to improve order capture and fulfillment execution across the order to cash process by providing a central order hub for multi-channel environments.

Oracle Manufacturing Cloud helps firms compete in today's global market by providing new and better tools to run their shop floor.

Oracle Product Hub Cloud is an enterprise-class product information management system, delivered via Cloud for lower cost and faster deployment.

Oracle Cloud Applications

The Oracle Cloud offers self-service business applications delivered on an integrated development and deployment platform with tools to rapidly extend and create new services. The Oracle Cloud is ideal for customers seeking subscription-based access to leading Oracle applications, middleware and database services, all hosted and expertly managed by Oracle. The application services are designed for ease-of-use, enabling business users to manage the solution directly with no IT involvement.



CONTACT US

For more information about Oracle Configurator Cloud, visit oracle.com or call +1.800.ORACLE1 to speak to an Oracle representative.

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