

# Oracle Configurator Cloud



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 application that enables flexible modeling of configurable, multi-option and customizable products and services. It has two 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; and 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. 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 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. When more complex configurator runtime logic is required, Extension Rules, based on the Groovy programming language, allow you to supplement native configurator rules to extend configuration behavior.

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

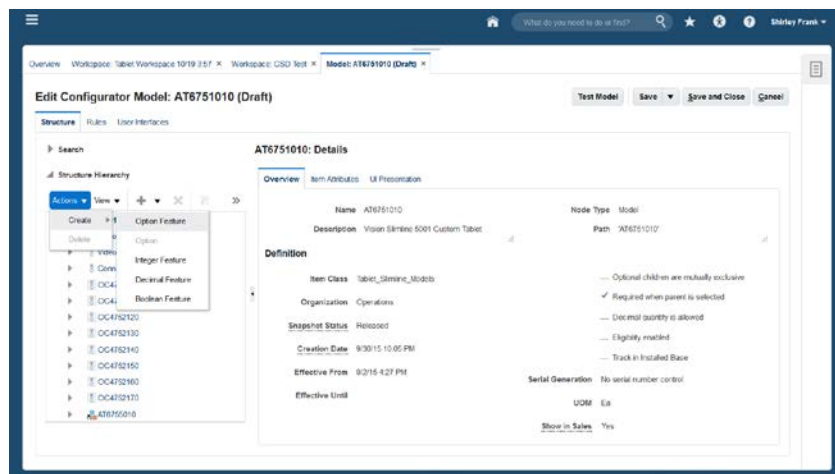


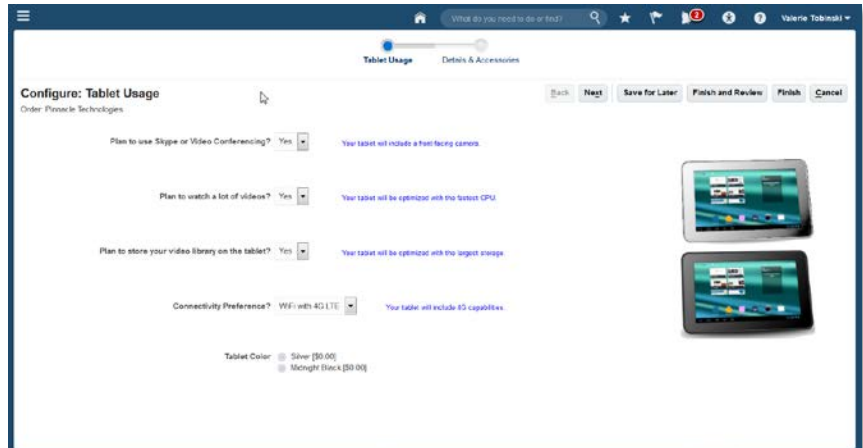
Figure 1. Configurator Modeling Environment - An intuitive development environment for building and maintaining configuration models

## 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, images, 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 capture additional item characteristics or used in configurator rules 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.



Item	Unit	Quantity	Quantity	UOM	Your Price	Amount
AT8751009 - Vision Slimline 5508 Custom Tablet		1	1	Each	Sale Price	329.00
OC4751100 - Screen		1	1	Each		
CM4751102 - 10" Display w/Capacitive Multi-touch Overlay		1	1	Each	Sale Price	14.00
OC4751110 - CPU		1	1	Each		
CM4751104 - Quad Core 2.8GHz		1	1	Each	Sale Price	20.00
OC4751120 - Memory		1	1	Each		
SB4751106 - Memory 2GB DDR2		1	1	Each	Sale Price	30.00
OC4751130 - Storage		1	1	Each		
SB4751119 - 64GB		1	1	Each	Sale Price	55.00
OC4751140 - Connectivity		1	1	Each		
CM4751123 - Connectivity WiFi 802.11 a/b/g/n/ac / Bluetooth / 4G LTE		1	1	Each	Sale Price	20.00
OC4751150 - Camera		1	1	Each		
CM4751113 - Camera - Primary 8MP / Secondary 1.2MP		1	1	Each	Sale Price	35.00
OC4751180 - Battery		1	1	Each		
CM4751115 - Battery 3.8V2600mAh		1	1	Each	Sale Price	0.00
OC4751170 - Tablet Color		1	1	Each		
CM4751118 - Midnight Black Monogram: A/S		1	1	Each	Sale Price	0.00
AT8755008 - Vision Tablet Accessories		1	1	Each	Sale Price	0.00

Figure 2. Product Configuration Template-Driven User Interface

## Ensure Model Continuity across your Quote to Cash Process

You can take advantage of the power of Configurator Cloud in your third-party quoting and/or order capture application by embedding the Configurator Cloud run time user interface directly into your applications. This allows you to maintain model configuration continuity across all phases of your quote-to-cash process. These runtime services allow you to start a new configuration run time session in your order capture application and also retrieve the saved configuration for integration with your third-party applications.

## Seamless Integration with Order Capture Applications

Oracle Configurator Cloud is pre-integrated with both Oracle Order Management Cloud and Oracle CPQ Cloud to provide a seamless user experience. The Configurator Runtime user interface is invoked directly from the quote or 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 quote or order, and can restore the configuration to make changes or revise the order, as necessary.

## 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 and order capture. It can also provide the validations and order line creation for configurations captured via other sources, such as Oracle CPQ Cloud.

Once the configured customer order is captured, Oracle Manufacturing Cloud, Oracle Purchasing Cloud and Oracle Inventory Management Cloud will automatically create and reserve a work order, purchase order or transfer order respectively, or simply reserve to a matching, on-hand configuration. Oracle Global Order Promising Cloud manages changes to supply and demand automatically, and alerts you to exceptions when they occur.

If the configured item will be manufactured, Oracle Manufacturing Cloud 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.

## 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.

### RELATED SOLUTIONS

**Oracle Order Management Cloud** is designed to improve order capture and fulfillment execution across the quote to cash process by providing a central order hub for multi-channel environments.

**Oracle Inventory Management Cloud** is a complete, modern materials management solution that can help you effectively manage the flow of goods across your business organizations.

**Oracle Global Order Promising Cloud** can help you meet the most demanding customer expectations by promising delivery based upon actual supply across all potential sources.

**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.

### CONTACT US

For more information about Oracle Configurator Cloud, visit [oracle.com](http://oracle.com) or call +1.800.ORACLE1 to speak to an Oracle representative.



### CONNECT WITH US

-  [blogs.oracle.com/oracle](http://blogs.oracle.com/oracle)
-  [facebook.com/oracle](http://facebook.com/oracle)
-  [twitter.com/oracle](http://twitter.com/oracle)
-  [oracle.com](http://oracle.com)

### Integrated Cloud Applications & Platform Services

Copyright © 2017, 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.

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. 0617