



## Configurator Intelligent Product Numbers based on Customer Selections

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# **Objectives**

- As a result of this presentation, you will be able to:
  - Build product numbers based on the components selected by a customer.
  - Manage the item master by validating against existing items and reusing items when available.
  - Implement intelligent item numbers that are both meaningful and reusable.









### **Speaker's Qualifications**

- Brian J Looman is Director of Technologies
  for Greybrooke Consulting, Inc.
  - Combination of business and technical expertise
  - Over 11 years of hands-on functional and technical experience working with Oracle Applications and business processes
    - Process & Discrete Manufacturing, Order to Cash, Procure-to-Pay, Supply Chain Planning & Management, Daily Business Intelligence, Data Warehousing, and numerous custom applications









#### Agenda

- Introduction •
- Challenge
- Solution
- Implementation •
- Q & A











### Introduction

 Oracle Configurator is a very flexible and dynamic tool for building complex customerspecific products. Using this same flexibility, along with an advanced Configurator Developer extension, these customer selections can be used to generate and reuse intelligent product numbers.









## Challenge

 Oracle Configurator can create a large number of items that can quickly get out of hand, and usually these item numbers are seldom be meaningful.











## Solution

- Use Oracle Configurator Developer
  - Setup text features
    - On Model
    - On Components and Options
  - Plug in the Configurator extension
    - Build the Java extension
    - Rule applied when saving Configuration
  - Customer orders these items

- · Selections dynamically build the item number
- Reuse item numbers when available









### Implementation

- Setup Text Features
  - Prefix with identifier
  - Add Text Feature for dynamic item number
    - At Model Level
    - Default value with the generic Item Structure
  - Add Text Features to components and options
    - Those nodes that will build the item number
    - Default value is item segment position[s] and value[s]





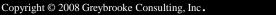




### Implementation

- Plug in the Configurator Extension
  - Build the Java Extension
    - Loops through item nodes
    - Collects Features specific to the Item Number
    - Updates Item Number with new segment values
  - Rule applied when saving Configuration
    - Add a rule to the Configuration
    - Use preConfigSave() event













### Implementation

- Customer orders these items
  - Selections dynamically build the item number
    - Item Number updated for these associated Options and Components
    - After all selections made, item is ready to be saved
  - Reuse item numbers when available
    - Upon booking, Oracle calls the custom item package
    - If item number exists, then reuse the same item.





















## **For More Information...**

or to discuss how you could leverage Configurator Intelligent Product Numbers for your organization please visit us at the OAUG Partner Pavilion in the exhibit hall







