

# Oracle® Retail Brand Compliance Management Cloud Service

Release Notes

Release 17.0

E93603-02

April 2018

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This document highlights the major changes for Release 17.0 of Oracle Retail Brand Compliance Management Cloud Service.

## Overview

Oracle Retail Brand Compliance Management Cloud Service is an application designed to meet all aspects of sourcing, developing, and protecting retailer brands. The application provides solutions for product development, compliance, quality, and traceability. It is designed specifically for retail, food service, and manufacturing businesses to develop and protect their brands, manage their suppliers, and ensure full end-to-end product lifecycle management.

Oracle Retail Brand Compliance Management Cloud Service is composed of the following modules:

- Library enables the issue, receipt, and acceptance of policies, guidelines, and key working documents.
- Product supports the development of products and production specifications.
- Project supports the development of project briefs, plans, and workflow management.
- Supplier enables the identification, selection, and approval of suppliers.

## Oracle Retail Cloud Services and Business Agility

Oracle Retail Brand Compliance Management Cloud Service is hosted in the Oracle Retail Cloud with the security features inherent to Oracle technology and a robust data center classification, providing significant uptime. The Oracle Cloud team is responsible for installing, monitoring, patching, and upgrading retail software.

Included in the service is continuous technical support, access to software feature enhancements, hardware upgrades, and disaster recovery. The Cloud Service model helps to free customer IT resources from the need to perform these tasks, giving retailers greater business agility to respond to changing technologies and to perform more value-added tasks focused on business processes and innovation.

Oracle Retail Software Cloud Service is acquired exclusively through a subscription service (SaaS) model. This shifts funding from a capital investment in software to an operational expense. Subscription-based pricing for retail applications offers flexibility and cost effectiveness.

## Client System Requirements

The following technology is supported:

- The following web browsers are supported on Microsoft Windows 7:

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**Note:** Oracle Retail assumes that the retailer has ensured its Operating System has been patched with all applicable Windows updates.

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- Microsoft Internet Explorer 11
  - Mozilla Firefox 45.1.1 ESR
  - Google Chrome 50+
- The following web browsers are supported on Oracle Linux 7:
    - Mozilla Firefox 45.1.1 ESR
    - Google Chrome 50+

## Functional Enhancements

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**Note:** Where new fields, User Interface (UI) changes, or glossary entries are introduced as part of a change, the portal owner may need to apply their own translations of the core system text.

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The following functional enhancements are included in this release:

- [Data Privacy](#)
- [Product Continuous Improvements](#)
- [Miscellaneous Continuous Improvements](#)

### Data Privacy

A new Application Programming Interface (API) is provided to allow retailers/portal owners to perform Right to Access and Right to be Forgotten data privacy requests.

Although minimal personal information is held in Brand Compliance, it does include the names and business contact details of retailer/portal owner, supplier, and third-party users. The Data Privacy API provides a means for the retailer/portal owner to:

- Request details of personal information relating to an individual (data subject) that is held within the system.
- Request that the personal information relating to the individual (data subject) be removed from the system.

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**Note:** The provision of the Data Privacy API is a security enhancement which aids the retailer/portal owner to carry out data privacy requests.

It is the responsibility of the retailer/portal owner to manage the fulfilment of data privacy requests. In order to do so, they will need to build an application to call the Data Privacy API, and handle the returned data.

A general assumption is that personal data is not held in user-defined/custom fields or in file attachments. These are not covered by the Data Privacy API.

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### **Right to Access Requests**

The Right to Access service retrieves personal information from the system relating to the name of an individual.

The service is used to execute a request on behalf of an individual for an electronic copy of their personal data that is held. The individual may be an employee of the retailer/portal owner, an employee of a supplier, or an employee of a partner organization (such as a design agency).

The API returns an XML message containing any personal data found based on a name search. The data is a structured text format, which is both machine and human readable.

The retailer/portal owner must check that the data relates to the individual making the request, before relaying it to them.

### **Right to be Forgotten Requests**

The Right to be Forgotten service erases personal information from the system for an individual.

The service is used to execute a request on behalf of an individual for their personal data to be erased. The individual may be an employee of the retailer/portal owner, an employee of a supplier, or an employee of a partner organization (such as a design agency). The facility may also be used to purge inactive user accounts.

Data is erased by first performing a Right to Access Request to obtain the XML results of a name search. Any details that do not relate to the individual making the request must then be removed before submitting the erase request. The contents of name, email, and address fields are erased by anonymization, that is, they are replaced with randomly-generated text.

When a name or email address is anonymized, it is automatically reflected in all references to it within the system. There are some exceptions, where due to the due diligence nature of the system, the details of who is responsible for certain authorizations or actions must be preserved.

### **Impact on Existing Installation**

The new Data Privacy API becomes available. The Data Privacy API Service and Endpoint records that appear in the Admin area must be assigned to any External Systems that are to have access to the API.

It may be necessary to edit the portal's Terms and Conditions using the configuration facility, to include statements about the consent to store personal data, and any opt-out procedure.

## **Product Continuous Improvements**

The following improvements have been made for the Product application:

### **Dietary & Allergy Dependent Claims Validation**

Additional configurable Dietary & Allergy (D&A) Dependent Claims Validation in Food specifications is introduced, providing the option to also flag a D&A question's answer as invalid if a dependent claim's question is answered that it is present in the same factory/plant.

### **CNF Specification Countries of Origin**

The tables within the Components section of the Constructed Non Food specification which define the makeup of the product have been brought in line with equivalent Food and Formulated Non Food specification sections, to allow an ingredient to be defined as being from multiple countries of origin.

### **Default Physical and Chemical Standards**

New Physical Standards and Chemical Standards glossaries are introduced, providing the option of preconfiguring sets of standards to be used in the respective tables of the Finished Product Standards specification section. One standard can be set as the default for the specification type, in which case it will be automatically added when a new specification is created. This applies to Food, Beers Wines and Spirits, Formulated Non Food, and Constructed Non Food specification types.

### **Product Record Permissions for Suppliers**

The ability is added to control whether supplier users are permitted to create Product Records or not, and control which fields they may edit within the Product Record, including the ability to edit Retailer Product Number based on specification status.

### **Specification Allergen Override Validation**

In Product Specifications, D&A overrides are allowed to remain unapproved until the specification is progressed beyond a specific status (such as Gate Step).

### **Alternative Supplier Identification in Product Inbound SOAP API**

If enabled, suppliers may be identified using an alternative code to the ORBC supplier code when importing Product Records through the SOAP API. This is of use where the external system does not hold the ORBC codes. The alternative supplier codes are added to the Invoicing Information table in the Supplier record, thus providing a cross-reference lookup.

This feature is only applicable to the SOAP version of the Product Inbound API. It is enabled with a new system parameter.

### **Allow Duplicate Product Numbers in Product Inbound SOAP API**

If enabled, the same product number may be used by different suppliers when creating products through the SOAP API. This is of use where there is more than one supplier of an individual product.

This feature is only applicable to the SOAP version of the Product Inbound API, which previously required the product code to be unique to a single supplier. It is enabled with a new system parameter.

### **Impact on Existing Installation**

The option to include dependent claim validation for an allergen to be present in the same factory/plant becomes available in the D&A Questions glossary. A manual post-upgrade task will be necessary to set the option as required.

Existing CNF specifications will retain any countries of origin that have already been set in the Components section. If an existing Components section is edited, it will now be possible to select multiple countries.

Two new options appear in the set of the Finished Product Standards specification glossaries. A manual post-upgrade task will be necessary to set the glossaries as required.

Selectors appear within the Finished Product Standards specification section, for the selection of Chemical and Physical standards. The Microbiological Classifications selector has been changed to use the same component as the two new options.

If the Alternative Supplier Identification facility is enabled, a column appears in the Invoicing Information table of the Supplier record. A manual post-upgrade task will be necessary to set the codes as required.

An option to allow allergen overrides to remain unapproved until a specific status appears. The default is Collaborative Draft (including the prior statuses of Supplier Draft and Retailer Draft).

New system parameters appear in the System Control area. A manual post-upgrade task will be necessary to set the options as required.

### **Permissions Configuration**

If permissions for Produce Product Records are to be the same as for non-Produce Product Records, duplicate the Action and Field Access rows in the Product sheet of the Permissions spreadsheet:

1. Copy all the rows with an entry in the Record column (F). Rows where this column is blank can be ignored because they define list view action menu options, which do not check the state of the record, and therefore Produce or non-Produce is an irrelevance.
2. Update the Record column (F) by prefixing the values with "Produce" or "Produce\_" or "PRODUCE" accordingly, the case does not matter.

If permissions for Produce Product Records are to differ to non-Produce Product Records, set them up as required, but ensure that all Action and Field Access rows as set up for non-Produce Product Records are accounted for.

If it is required that the supplier user only has read access to Product Records, it may be necessary to extend the core rules in the Permissions spreadsheet by adding the following entries to the Product sheet:

```
Product,SUPPLIER PRODUCT
EDITOR,,,,ProductRecord,productRecordDetails,details,title,,,NORMAL,R
Product,SUPPLIER PRODUCT EDITOR,,,,ProductRecord,productRecordDetails,details,
externalSystemStatus,,,NORMAL,R
Product,SUPPLIER PRODUCT
EDITOR,,,,ProductRecord,productRecordDetails,details,retailerProductNumber,,,NORMA
L,R
Product,SUPPLIER PRODUCT
EDITOR,,,,ProductRecord,productRecordDetails,details,spectTypeFormat
,,,NORMAL,R
Product,SUPPLIER PRODUCT
EDITOR,,,,ProductRecord,productRecordDetails,contacts,,,NORMAL,R
Product,SUPPLIER PRODUCT
EDITOR,,,,ProductRecord,productRecordDetails,benchmark,,,NORMAL,R
```

## Miscellaneous Continuous Improvements

The following miscellaneous improvements have been made:

### Workspace Refresh

A new Refresh Workspace option is added to the Home page task bar, which will refresh the contents of the user's Task, UIM, and News apps, and their Favorites and Recent Items lists. This has been provided as it is now possible to have the automatic refreshing of the task lists disabled. If disabled, the contents will only refresh when the user logs in or uses the refresh option; a benefit of which is a reduction in unnecessary server workload.

### Permissions Upload Message

When the administrator uploads a change to the portal's Permissions access control rules, the confirmation message includes a reminder that users will not see the effect of the change until their next login.

### Shadow Fields for Oracle Database

A further step towards the migration of the Brand Compliance database from MySQL to Oracle Database introduces shadow fields for those that contain large amounts of data, but must be accessible to reports and searches.

This is necessary because the maximum size of a field that is indexed for reports and searches is reduced from 11,000 characters in MySQL to 4,000 characters in Oracle Database. Validation was introduced in Release 16.0 to prevent more than 4,000 characters being entered into certain fields; those that must be available to reports and searches will remain at 11,000, but have a corresponding shadow field populated with the first 4,000 characters, which will be used by the reports, searches, and list views.

Shadow fields are provided for the following in the Product Specification's Recipe/Formulation section:

- Ingredients List
- Business Lang Ingredients List
- On Pack Ingredients List

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**Note:** Release 17.0 does not include the actual migration of from MySQL to Oracle Database. It provides a further step towards future transition.

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### **Configurable Validation of Registered Company Number in Supplier Registration**

Control over whether the Registered Company Number is mandatory or optional when a new supplier completes the Registration wizard is added. This feature is enabled with a new system parameter.

### **Impact on Existing Installation**

A new Refresh Workspace option appears on the Home page task bar if automatic refreshing has been disabled for the portal, in which case the contents of the user's Task, UIM, and News apps, and their Favorites and Recent Items lists will only refresh when the user logs in or uses the refresh option.

Configure the Refresh Workspace option as follows:

1. As an administrator user, go to Admin > System Control > Branding and download orbc-theme.css.
2. Add the following rule immediately below button.add-delete-gadget-button:

```
button.refresh-workspace-button {  
    background-image:  
        url("../images/creations/toolbar%20icons/refreshIcon.png") !important;  
    background-position-y: 0px !important;  
    color: #fff !important;  
    height: 25px !important;  
}
```

3. Edit the Branding record and upload the modified file to Core Theme.
4. Save and exit, log off, and log on again.
5. Check the Refresh Workspace icon appears (next to Manage Apps and Manage News) on the Home page.

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**Note:** By default, the auto refresh will not be disabled. If this is required, it needs to be arranged as part of your maintenance release schedule, to ensure the necessary configuration is applied.

```
Dcom.oracle.retail.orbc.disableAutoUIUpdates=true
```

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The new Ingredient List shadow fields will become available for selection in reports, list views, and searches (and are visible in the Change History log); existing fields will remain unaffected. As the contents of the shadow fields have potentially been truncated, the new field label has "(Truncated)" appended.

Users operating with their locale (language) set to Argentina, Brazil, or Chile will see numbers formatted with a comma as the decimal point separator, instead of a period. Numbers that have been keyed into text fields will remain unchanged, as will numbers that have been generated in any external files that were generated prior to the upgrade (such as recipe export spreadsheets or Pack Copy files).

New system parameters appear in the System Control area. A manual post-upgrade task will be necessary to set the options as required.

To implement an improvement to the Contacts REST API, add the following endpoint to the Service Access record for the Contact REST Service:  
CONTACT\_EXISTSBYKEYGLOBALID

## Related Documentation

For more information, see the following documents in the Oracle Retail Brand Compliance Management Cloud Service Release 17.0 documentation set:

- *Oracle Retail Brand Compliance Management Cloud Service Administration Guide*
- *Oracle Retail Brand Compliance Management Cloud Service Implementation Guide*
- *Oracle Retail Brand Compliance Management Cloud Service User Guide*
- *Oracle Retail Brand Compliance Management Cloud Service Product User Guide*
- *Oracle Retail Brand Compliance Management Cloud Service Project User Guide*
- *Oracle Retail Brand Compliance Management Cloud Service Reports User Guide*
- *Oracle Retail Brand Compliance Management Cloud Service Supplier User Guide*

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#### **Value-Added Reseller (VAR) Language**

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