

**Oracle® Hospitality RES 3700 Enterprise
Management**

Release Notes

Release 5.5

E76058-02

January 2017

E76058-02

Copyright © 1998, 2017, Oracle and/or its affiliates. All rights reserved.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this software or related documentation is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, then the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

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.

This software or hardware and documentation may provide access to or information about content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services unless otherwise set forth in an applicable agreement between you and Oracle. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services, except as set forth in an applicable agreement between you and Oracle.

Contents

- 1 Preface**
 - Audience 1-1
 - Customer Support 1-1
 - Documentation..... 1-1
 - Revision History 1-1

- 2 Features and Updates**
 - Performance Improvements..... 2-1
 - Complex Security Backwards Compatibility..... 2-1
 - Security Compliance..... 2-1
 - Supported POS Configurator Options..... 2-1
 - Sales 2-2
 - Employees 2-3
 - Revenue Center..... 2-3
 - System 2-5
 - EMCC 2-7
 - Cash Management..... 2-8

- 3 Installation and Upgrade**
 - RES Compatibility 3-1
 - Activating New Features 3-1
 - Upgrading a Concept Database..... 3-2

- 4 Resolved Issues**
 - Enterprise Management..... 4-1

Preface

This document describes the features and fixes included in this RES 3700 Enterprise Management release.

[Audience](#)

[Customer Support](#)

[Documentation](#)

[Revision History](#)

Audience

This document is intended for all RES 3700 Enterprise Management technicians, administrators, and users.

Customer Support

To contact Oracle Customer Support, access My Oracle Support at the following URL:

<https://support.oracle.com>

When contacting Customer Support, please provide the following:

- Product version and program/module name
- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to re-create
- Exact error message received
- Screen shots of each step you take

Documentation

Oracle Hospitality product documentation is available on the Oracle Help Center at <http://docs.oracle.com/en/industries/hospitality/>

Revision History

Table 1-1 *Revision History*

Date	Description of Change
May 2016	Initial Publication

Table 1-1 (Cont.) Revision History

Date	Description of Change
January 2017	Added information regarding RES compatibility.

Features and Updates

This chapter describes the new features and functionality updates contained in this release.

[Performance Improvements](#)

[Complex Security Backwards Compatibility](#)

[Security Compliance](#)

[Supported POS Configurator Options](#)

Performance Improvements

This release addresses performance issues related to menus and subscription conversions.

Complex Security Backwards Compatibility

Complex security in RES 3700 Enterprise Management now only manages user names for older RES 3700 Enterprise Management versions. You can no longer manage complex security passwords for stores using older versions.

Security Compliance

This release addresses compliance with Oracle security requirements. As part of the enhanced security protocols, employees must enter a new password when logging in to the system for the first time after the version upgrade.

Supported POS Configurator Options

This release of RES 3700 Enterprise Management adds support for the following options. You can use the database table and column information for performing the User Coltrans.

[Sales](#)

[Employees](#)

[Revenue Center](#)

[System](#)

[EMCC](#)

[Cash Management](#)

Sales

Table 2-1 Sales Options

Location	Option	Database Column
Menu Item Classes General Options	Limit quantity to 1	mi_type_class_def.ob_limit_qty_to_1
Menu Item Classes Print	Use alternate order routing	mi_type_class_def.ob_force_alt_order_routing
Condiments Condiment Selection	Roll up	cond_grp_sel_ext_def.ob_roll_up
Condiments Condiment Selection	Display Priority	cond_grp_sel_ext_def.display_priority
Discounts General	Grace Periods Start	dsvc_def.effective_grace_period_start
Discounts General	Grace Periods End	dsvc_def.effective_grace_period_end
Discounts Discounts	Apply to combo meal savings	dsvc_def.ob_apply_to_combo_meal_savings
Tender/Media CC Tender	Do not mask the first 6	tmed_def.ob_donot_mask_first_6
Tender/Media PMS	Linked Tenders	tmed_def.tmed_link1_seq tmed_def.tmed_link2_seq tmed_def.tmed_link3_seq tmed_def.tmed_link4_seq
Tender/Media Service Total	Mark Checks Pending Payment	tmed_def.ob_svc_ttl_put_away_chk
Tender/Media Service Total	Active Async Payment Mode	tmed_def.ob_activate_async_pay_mode
Tender/Media Printing	Eco print mode	tmed_def.ob_eco_print_chk
Component Sets	Number	component_set_def.ob_num
Component Sets	Name	component_set_def.name
Component Sets	Preparation Time	component_set_def.prep_time

Table 2-1 (Cont.) Sales Options

Location	Option	Database Column
Component Sets	Print Class	component_set_def.P rint_class_seq
Component Sets	Display All Condiments	component_set_def.o b_display_all_condi ments
Component Sets	Display Name	component_set_def.d isplay_name
Component Sets	Number	component_set_mem_d ef.order_num
Component Sets	Linked Condiment	component_set_mem_d ef.mi_seq

Employees

Table 2-2 Employee Options

Location	Option	Database Column
Employee Classes Guest Checks Guest Check Control	Reopen closed checks for discount	emp_class_def.ob_tp riv_reopen_clsd_chc k_dscnt
Employee Classes Guest Checks Guest Check Control	Allow Zero Value Changes to Previous Round Item	emp_class_def.ob_ze ro_value_prev_round _change

Revenue Center

Table 2-3 Revenue Center Options

Location	Option	Database Column
RVC Discount/Service	Automatic discount effectiveness	rvc_def.ob_auto_dis count_effectiveness
RVC Table Management	Require table during seating	tms_rvc_def.ob_req tbl_during_seating
RVC Posting Options	Post split total to new check	rvc_def.ob_post_spl it_ttls_to_new_chk
RVC Print Design Guest Checks	Print tax rate indicator	rvc_add_def.ob_tax_ print_indicator_w_i tem
RVC Print Design Guest Checks	Beverage only indicator	rvc_add_def.ob_beve rage_only_indicator

Table 2-3 (Cont.) Revenue Center Options

Location	Option	Database Column
RVC Print Design Options	Suppress table printing	rvc_add_def.ob_suppress_table_printing
RVC Seats	Do not hide trays/seats when filtering	rvc_def.ob_dont_hide_seats_when_filter
RVC Seats	Display the total by seat	rvc_def.ob_display_total_by_seat
RVC Seats	Single tray tendering	rvc_def.ob_single_tray_tendering
RVC Touchscreens Touchscreens Workstation	Active Order Lists Screen	rvc_add_def.active_order_list_ts
RVC Touchscreens Touchscreens Workstation	Dispatched Order List Screen	rvc_add_def.dispatched_order_list_ts
RVC Touchscreens Touchscreens Workstation	Async Payment Screen	rvc_add_def.async_chk_payment_ts
RVC Touchscreens Touchscreens Workstation	Payment Screen	rvc_add_def.payment_ts_scrn_seq
RVC Touchscreens Touchscreens Hand-Held	Active Order Lists Screen	rvc_add_def.hht_active_order_list_ts
RVC Touchscreens Touchscreens Hand-Held	Dispatched Order List Screen	rvc_add_def.hht_dispatched_order_list_ts
RVC Touchscreens Touchscreens Hand-Held	Async Payment Screen	rvc_add_def.hht_async_chk_payment_ts
RVC Touchscreens Touchscreens Hand-Held	Payment Screen	rvc_add_def.hht_payment_ts_scrn_seq
RVC Touchscreens Touchscreens Checks Check SLU Icons	Beverage Only	rvc_add_def.bev_only_slu_icon
RVC Touchscreens Touchscreens Checks Check SLU Icons	Electronic Payment	rvc_add_def.epay_slu_icon
VC Touchscreens Touchscreens Checks Table Object Icons	Beverage Only	rvc_add_def.bev_only_tbl_icon
VC Touchscreens Touchscreens Checks Table Object Icons	Electronic Payment	rvc_add_def.epay_tbl_icon
RVC Touchscreens Touchscreens Early DT delivery	Early DT Expo Allowed	rvc_add_def.early_dt_expo_allowed_icon

Table 2-3 (Cont.) Revenue Center Options

Location	Option	Database Column
RVC Touchscreens Touchscreens Early DT delivery	Early DT Expo Done	rvc_add_def.early_d t_expo_done_icon
RVC Touchscreens Touchscreens Early DT delivery	Early DT Expo Missed	rvc_add_def.early_d t_expo_missed_icon
RVC Touchscreens Touchscreens Menu Item Keys Ordered	Indicator Icon	rvc_add_def.ordered _mi_indicator_icon
RVC Touchscreens Touchscreens Menu Item Keys Ordered	Stretch to Fit	rvc_add_def.ob_orde red_mi_indicator_st retch
RVC Touchscreens Touchscreens Menu Item Keys Ordered	Icon Pos	rvc_add_def.ordered _mi_indicator_place ment
RVC Touchscreens Touchscreens Menu Item Keys Current	Indicator Icon	rvc_add_def.current _mi_indicator_icon
RVC Touchscreens Touchscreens Menu Item Keys Current	Stretch to Fit	rvc_add_def.ob_curr ent_mi_indicator_st retch
RVC Touchscreens Touchscreens Menu Item Keys Current	Icon Pos	rvc_add_def.current _mi_indicator_place ment
RVC Touchscreens Touchscreens Menu Item Keys	Show Ordered Count	rvc_add_def.ob_show _ts_key_ordered_mi_ cnt
RVC Touchscreens Touchscreens Menu Item Keys	Show Price	rvc_add_def.ob_show _ts_key_mi_price
RVC Touchscreens Touchscreens Menu Item Keys	Show Currency Symbol	rvc_add_def.ob_show _ts_key_mi_price_cc y_sym

System

Table 2-4 System Options

Location	Option	Database Column
Restaurant Options General	Auto reset check number	rest_def.ob_reset_c hk_num_with_bus_dat e

Table 2-4 (Cont.) System Options

Location	Option	Database Column
Restaurant Options Others	Net weight label	rest_def.weighed_minet_weight_label
Restaurant Options Others	Enable early drive thru delivery	rest_def.ob_enable_early_drive_thru_expo
Restaurant Options Others	Start time	rest_def.rest_def.early_drive_thru_expo_start_tm
Restaurant Options Others	End time	rest_def.early_drive_thru_expo_end_tm
Restaurant Options Others	Min position	rest_def.early_drive_thru_expo_min_pos
Restaurant Options Others	Seconds to keep order	rest_def.early_drive_thru_expo_keep_sec
Restaurant Options Others	Periods disabled, allows four to be selected	rest_def.early_dt_expo_period1_seq rest_def.early_dt_expo_period2_seq rest_def.early_dt_expo_period3_seq rest_def.early_dt_expo_period4_seq
Restaurant Options Others	Assign expo tray at check start	rest_def.ob_assign_expo_tray_at_start
Time Periods	Display in KPI dashboard	time_period_def.ob_kpi
Order Types General	Display future orders before fire	order_type_def.ob_display_future_orders
Order Types General	Require Dispatch	order_type_def.ob_require_dispatch
Order Types General	Transfer Check During Pickup	order_type_def.ob_xfer_chk_during_pickup
Order Types General	Stall Type	order_type_def.ob_stall_ot
Order Types General	Display delayed orders before fire	order_type_def.ob_display_delayed_orders

Table 2-4 (Cont.) System Options

Location	Option	Database Column
Order Types General	Abbreviation	order_type_def.abbrev
Order Types General	Dispatch bonus seconds	order_type_def.dispatch_bonus_secs
Order Types General	Dispatch lockout seconds	order_type_def.dispatch_lockout
Order Types General	Dispatch bonus seconds for drink only	order_type_def.dispatch_bonus_secs_bev_only
Order Types General	Alternate, 1-32	order_type_def.enable_ordr_dev_alt_01 order_type_def.enable_ordr_dev_alt_32

EMCC

Table 2-5 EMCC Options

Location	Option	Database Column
Menu Items Definition Components	Number	mi_component_set_link_def.order_num
Menu Items Definition Components	Component Set	mi_component_set_link_def.component_set_seq
Combo Meals Combo Groups	Combo Group Extension	combo_grp_def.combo_grp_ext_seq
Combo Meals Combo Groups Combo Group Extensions	Number	combo_grp_ext_def.obj_num
Combo Meals Combo Groups Combo Group Extensions	Name	combo_grp_ext_def.name
Combo Meals Combo Groups Combo Group Extensions	Extension Name	combo_grp_ext_def.name
Combo Meals Combo Groups Revenue Center	Prorate Items by Food Cost	rvc_add_def.ob_prorate_combo_by_food_cost

Table 2-5 (Cont.) EMCC Options

Location	Option	Database Column
Combo Meals Combo Groups Revenue Center	Apply Mixed Size Upcharge	rvc_def.ob_mixed_lvl_upchg_combo_prices
Combo Meals Combo Groups Revenue Center	Apply savings as a discount	rvc_def.ob_use_combo_savings_discount

Cash Management

Table 2-6 Cash Management Options

Location	Option	Database Column
Enterprise Configuration Options Others	Require Cash Pull Deposit Before Close	cm_option_def.req_cashpull_deposit
Enterprise Configuration Options Others	View Report Before Finalizing Count	cm_option_def.view_report_before_finalize_counting cm_option_def.autosave_before_finalize_counting
Enterprise Configuration Options Others	Require Invoice Description	cm_option_def.req_invoice_description
Enterprise Configuration Options Others	Require Reference Document	cm_option_def.req_reference_document
Enterprise Configuration Options Others	VAT Enabled	cm_option_def.vat_enabled

Installation and Upgrade

- [Activating New Features](#)
- [Upgrading a Concept Database](#)
 - RES Compatibility
 - Activating New Features
 - Upgrading a Concept Database

RES Compatibility

This release of Enterprise Management is compatible with the following versions of RES for Corporate locations and for Store locations:

Table 3-1 RES Enterprise Management Compatibility

Corporate	Store
<ul style="list-style-type: none"> • 5.5 	<ul style="list-style-type: none"> • 5.0 or later • 4.5 or later • 4.3 Hotfix 2 or later

Activating New Features

Perform the following steps to activate newly purchased features for your system:

1. Run License Manager.
2. For each Installed Product (POS 3700, Kitchen Display System, RES Platform, Enterprise Office, Enterprise Management, Guest Services Solution):
 - a. Select the product tab.
 - b. Select the **Product/Features** tab under the Activation group.
 - c. Select all **Product Activation** items.
 - d. Select the purchased features in the **Feature Activation** group.
 - e. Click **Reload**.
 - f. Verify the selected features show a check mark under the product tab.

Upgrading a Concept Database

If your environment uses concept databases, perform the following steps to upgrade:

1. Make sure:
 - The concept database files are configured and placed in the correct location.
 - The HKLM\Software\Micros\Enterprisemanagement\Userdata registry key and the encryption key files, such as concept .dat are configured and functional in the previous version.
2. Copy EmDbUpdate.mbz3 from \Tools\ to \micros\Database\Data\.
3. Install RES and upgrade the master database.
4. Install Enterprise Management.
5. Launch the MECU, navigate to **Concept Setup**, right-click the concept, and click **Set Available**.
6. Launch Database Manager.
7. Click **Rebuild\Update**, then click **Select Database**, then select the concept database. Do not select the master database.
8. Select **Update\Upgrade Database**, then click **Run**.

Resolved Issues

This chapter describes the issues resolved in this release.

- [Enterprise Management](#)
[Enterprise Management](#)

Enterprise Management

This chapter describes the Enterprise Management issues resolved in this release.

Table 4-1 *Enterprise Management Resolved Issues*

CRID	TPID	Description
N/A	104664	When you send out a Component Set update to stores, the Preparation Time and Print Class fields for now correctly change.

