

**Oracle® Hospitality Cruise Shipboard  
Property Management System**  
Advanced Oracle Hospitality 9700 Point-of-Sale  
Interface Installation Guide  
Release 8.0  
**E90960-01**

October 2017

---

Copyright © 2011, 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 on 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. 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.

---

---

# Contents

<b>Tables.....</b>	<b>4</b>
<b>Figures.....</b>	<b>5</b>
<b>Preface.....</b>	<b>6</b>
Audience .....	6
Customer Support.....	6
Documentation.....	6
Revision History.....	6
<b>Prerequisite, Supported Systems and Compatibility .....</b>	<b>7</b>
Prerequisite .....	7
Supported Operating Systems .....	7
Compatibility .....	7
<b>Advanced MICROS Configuration .....</b>	<b>8</b>
Setting up the Interface .....	8

---

---

## Tables

Table 1 - Parameters.....	8
---------------------------	---

---

---

# Figures

Figure 1-1 – Advance MICROS Interface Settings.....8

---

---

# Preface

The Advanced MICROS Interface is an interface that integrates or communicate with MICROS 9700 Point-of-Sale (POS) application for Food and Beverage postings. The interface program processes all postings posted through MICROS Client to Shipboard Property Management System (SPMS).

## Audience

This document is intended for Ship's System Administrator and/or Application Specialist of Oracle Hospitality Cruise Shipboard Property Management System.

## 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>

## Revision History

---

Date	Description of Change
October 2017	▪ Initial publication.

---

---

# Prerequisite, Supported Systems and Compatibility

This section describes the minimum requirement for OHC Advanced Micros.

## Prerequisite

- OHC Advanced Micros.exe
- IP Address and COM Port number of PC running OHC Advanced MICROS.Exe

## Supported Operating Systems

- Microsoft Windows 7 - 32-bit/ 64-bit System
- Microsoft Windows 8 - 32-bit/ 64-bit System
- Microsoft Windows 10 - 32-bit/ 64-bit System

## Compatibility

- SPMS version 8.0 or later. For customer operating on version below 8.0, database upgrade to the recommended or latest version is required.

# Advanced MICROS Configuration

The Advanced MICROS Interface (AMICROS) communicates with the MICROS POS PC through an IP connection, thus requires a correct IP and COM Port to be setup in MICROS POS System.

## Setting up the Interface

1. Launch **OHC Advanced Micros.exe** from \Oracle Hospitality Cruise folder and navigate to the **Settings** tab.
2. Select the **Connection Type** and enter the **IP Server Listener Port**.
3. Check the respective checkboxes applicable to your Ship's operation. See below table for a description of each parameter.
4. Click **Apply** to save the changes.
5. Reboot the Interface.

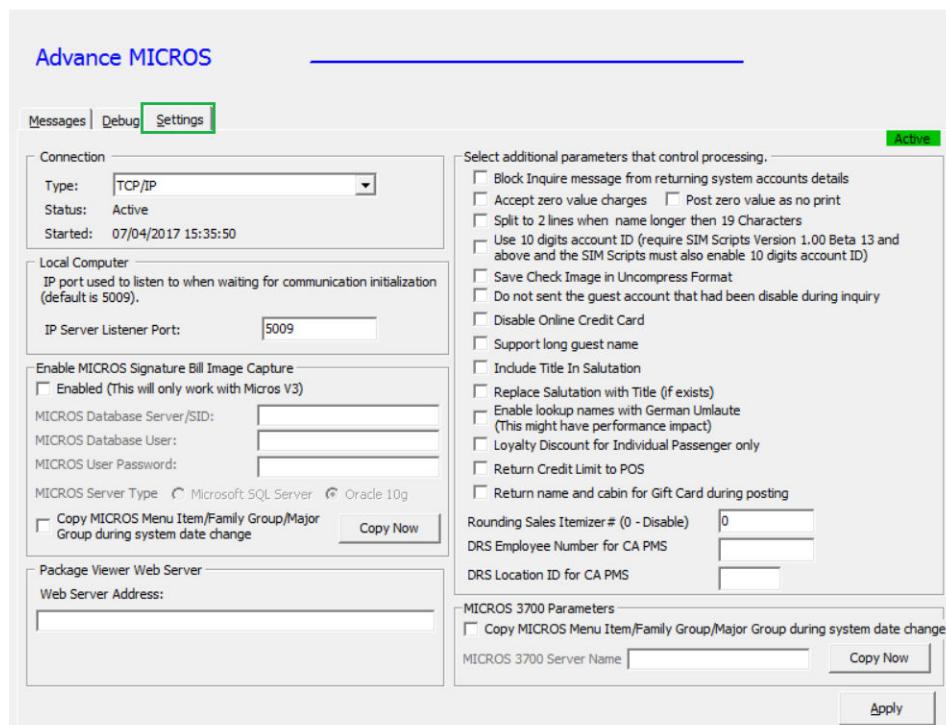


Figure 1-1 – Advance MICROS Interface Settings

Below table describes the available parameters. Please pay careful attention to the checked boxes before applying the change.

Table 1 - Parameters

Function	Description
<b>Connection</b>	
Type	The type of connection to MICROS 9700 System (TCP/IP or Disabled).

Function	Description
Status	Connection status with MICROS system
Started	Displays the Interface start date and time.
<b>Local Computer</b>	
IP Server Listener Port	The connection port with MICROS POS. The default port is 5009.
<b>Enable MICROS signature</b>	
<b>Bill Image Capture</b>	
Enabled (This will only work with MICROS V3)	Enable capturing of bill image with signature. The function only works with MICROS V3.
MICROS Database Server/SID	MICROS Server name or System ID to connect to the MICROS database. For example, 10.181.60.10/mcrspos
MICROS Database User	MICROS Database user name.
MICROS User Password	MICROS Database user password.
MICROS Server Type	MICROS Server database type, either MICROS SQL Server or Oracle 10g.
Copy MICROS Menu Item/Family Group/Major Group during system date change	Check this and click <b>Copy Now</b> copies the Menu Item/Family Group/Major Group items from MICROS database to SPMS database.
<b>Package Viewer Web Server</b>	
Web Server Address	The WebService connection address that enables viewing of package details in MICROS Operation.
<b>Additional Parameters that control Processing</b>	
Block Inquire message from returning system accounts details	Disable search of System Account search from POS and returns message "Invalid Account" when the option is checked.
Accept zero value changes	Allow posting with zero value (0.00) into a guest invoice when this parameter is enabled: <ol style="list-style-type: none"> <li>1. In ISL Setup.exe, Tender Media, Cabin Charge, Allow Posting Zero Total.</li> <li>2. In Enterprise Management Console (EMC), Tender Media, Cabin Charge, Option Bit 29 On=Post 0.00 Transactions to PMS</li> </ol>
Post zero value as no print	Option sets the <code>POS_NOPRINT=1</code> when posting value is 0.
Split to 2 lines when name longer than 19 characters	Enable displays of names in guest check to split into two lines for names longer than 19 characters.
Use 10 digits account ID (require SIM Scripts Version 1.00 Beta 13 and above and the SIM Scripts must also enable 10 digits account ID)	Uses 10 digits account ID for transactions when the option is checked. Must enable the Parameter in <b>ISL Setup.exe, System Parameter, User 10 digits account ID</b> .

Function	Description
Save Check Image in Uncompress Format	This option saves check image in uncompressed format when the database is setup in 7bit ASCII, that does not support CHR(254) conversion.
Do not sent the guest account that had been disable during inquiry	Omit guest with “posting disable” from the result list when inquiring multiple guests or return “Posting Disable” when a guest card is swiped through the terminal.
Support long guest name	Support full name display and does not truncate the name even though it is long.
Include Title In Salutation	In the normal inquiry, the name displayed is “Salutation + guest name”. When the option is checked, it displays as “Salutation + Title + guest name” in an inquiry.
Replace Salutation with Title (if exists)	MICROS POS only shows the “Title + Name” during inquiry when the Title exists, else it will display “Salutation + Name”. When this option is enabled, it ignores the “Include Title in Salutation” parameter.
Enable lookup names with German Umlaut (This might have performance impact)	Support names with German Umlaut in Cabin Inquiry at MICROS POS.
Loyalty Discount for Individual Passenger only	When the option is checked, Loyalty discount only applies to a guest who has loyalty discount template assigned. When the option is unchecked, all guests staying in the same cabin that has the same booking number are entitled to the loyalty discount.
Return Credit Limit to POS	When the option is checked and no credit limit is set, the balance shown is “99999999999999”. If the credit limit is set, the balance shown is the available credit limit in cabin inquiry. Option only available when “Split 2 lines when name longer than 19 characters” is unchecked.
Return name and cabin for Gift Card during posting	This captures the cabin number and guest name in the receipt print out on a Gift Card posting. Must uncheck the “MICROS ISL Setup, System Parameter, Hide Cabin Number from posting response” for cabin number to be shown.
Rounding Sales Itemizer # (0 – Disable)	Ensure option in “MICROS EMC, Currency, Enable Amount due rounding” is enabled. When the default is “0”, the total charge shown in MICROS client is a round amount and in SPMS, the actual amount shown is without rounding. When rounding sales itemizer is set, for example, 17, the MICROS posting to SPMS is a round amount and is same as total charge show in MICROS client. The adjusted rounding amount is posted to Sales Itemizer 17. Please ensure sales itemizer 17 is set in SPMS Debit department.

---

Function	Description
<b>MICROS 3700 Parameters</b>	
Copy MICROS Menu Item/Family Group/Major Group during system date change	Function copies the MICROS menu item/family group/major group from MICROS 3700 database into SPMS database during the System Date change.

---