

Oracle® Hospitality 9700 Point-of-Sale
Credit Card Preamble Configuration Guide
E81517-01

November 2016

Copyright © 2001, 2016, 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

Figures iv

Preface v

 Audience v

 Customer Support v

 Documentation v

 Revision History v

1 Credit Card Preambles..... 1-1

 Configuring Standard Credit Card Preambles..... 1-1

Figures

Figure 1-1 EMC - Tender Media Module 1-1

Preface

This document describes how to configure additional credit card preamble ranges for a 9700 Point-of-Sale (POS) system. Specifically, this document is in response to MasterCard assigning a new bank identification number (BIN) range beginning in 2017. This document is not 9700 version specific.

Audience

This document is intended for end users and implementation technicians who are responsible for setting up and maintaining the 9700 POS server on premise.

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 and any associated log files
- 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

Date	Description of Change
November 2016	<ul style="list-style-type: none">• Initial publication

1 Credit Card Preambles

A credit card preamble—sometimes called a credit card prefix, issuer identification number (IIN), or BIN range—is a digit or series of digits at the beginning of a credit card number that identifies the type of card or company that issued the card.

Configuring Standard Credit Card Preambles

On occasion, credit card vendors issue credit cards using new BIN ranges. When this occurs, you need to configure your system accordingly for two reasons. They are:

1. To ensure that the new cards are recognized as a valid credit card tender and perform as expected from the workstation operator's standpoint.
2. To ensure that all credit card transactions are accurately posted to every System Financial and Employee Sales reports (including Tracking Groups and 9700 Web Report totals).

For a credit card tenders that have multiple preambles, preamble tenders must be programmed using sequential record numbers prior to the final Key Type - Payment record. For Tender Media payment keys used to post credit card sales, type a card number preamble, followed by an asterisk, for example 5* which represents MasterCard payments. In this instance, MasterCard uses two preambles, so the application should be programmed like this example:

Tender Media Record #8 - Preamble Key Type with Preamble 22*

Tender Media Record #9 - Tender Key Type with Preamble 5*

This way, when any of the card preambles are used (22* and 5*), the actual tender in use is the next Payment Tender record, which is the MasterCard Tender Media Record #9.

#	Name	Type	Preamble	Options	Tax Exempt	Output
1	Check	1 - Payment		A0400A00020	0000000000000000	E0
2	Cash	1 - Payment		B1400A08040	0000000000000000	E0
3	* CREDIT CARDS *	1 - Payment		70000000000	0000000000000000	00
4	Amex Preamble	5 - Preamble	34*		0000000000000000	E0
5	American Express	1 - Payment	37*	29E08A2E850	0000000000000000	E0
7	Visa	1 - Payment	4*	29E08A2E850	0000000000000000	E0
8	Mastercard	5 - Preamble	22*		0000000000000000	E0
9	Mastercard	1 - Payment	5*	29E08A2E850	0000000000000000	E0
11	Discover/Novus	1 - Payment	6*	29E08A2E850	0000000000000000	E0
13	J.C.B.	5 - Preamble	31*		0000000000000000	E0
14	J.C.B.	5 - Preamble	33*		0000000000000000	E0
15	J.C.B.	1 - Payment	35*	29E08A2E850	0000000000000000	E0

Figure 1-1 EMC - Tender Media Module

To configure a new credit card preamble record, perform the following steps:

1. Access the EMC and under the System Information section, click **Tender Media**.
2. Toggle to Table View.
3. Insert a Tender Media record just prior to the existing MasterCard payment record.

If your Tender Media module wasn't configured with spaces between your tenders, you'll need to insert them elsewhere in the module to ensure that they are indeed sequential (see [Figure 1-1](#)). If you need to move your MasterCard tender records, be sure to adjust the assigned tender rows in all applicable Tracking Groups accordingly.

4. Enter **Mastercard** as the tender name (using the exact same naming convention as the existing MasterCard record).
5. Select **5 – Preamble** as the **Key Type**.
6. In the **Preamble** column, enter **22***.
See [List of Standard Preambles for the U.S](#) for a list of standard credit card preamble ranges for different card types (including the latest MasterCard preambles).
7. Configure all other settings (Output, SLU, and Menu Levels) to match the existing MasterCard payment record.
8. Click **Save**.
9. From the EMC Control Panel, perform a Reload to force the changes to take effect.