

**Oracle® Hospitality Materials Control Enterprise
Back Office Interface Standard**

User Guide
Release 1.0
E76729-01

June 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

Tables.....	vii
Preface.....	viii
Audience	viii
Customer Support.....	viii
Documentation.....	viii
Revision History.....	viii
1 Setting Up the Interfaces.....	1-1
Interface Files	1-1
Interface.ini	1-1
Interface Parameters	1-1
Setting Export Directories	1-1
Supplier Accounts.....	1-2
Item Group Accounts	1-2
Usage Group Accounts	1-2
Cost Center Accounts	1-2
Loading the Back Office Interfaces	1-2
2 Using the Back Office Interface.....	2-1
Invoice Booking Selections	2-1
Accrual Booking Selections.....	2-1
Inventory Consumption Booking Selections.....	2-1
Transfer Booking Selections.....	2-1
Usage Booking Selections	2-1
Exporting Documents.....	2-2
3 Export Formats	3-1
Invoices.....	3-1
Accruals.....	3-2
Consumption.....	3-3
Transfers.....	3-4
Usage	3-5

Tables

Table 1 - Invoices Format	3-1
Table 2 - Accruals Format	3-2
Table 3 - Consumption Format.....	3-3
Table 4 - Transfers Format	3-4
Table 5 - Usage Format.....	3-5

Preface

This document provides information and instructions regarding the Enterprise Back Office interface standards (BO IFC) for Oracle Hospitality Materials Control.

Audience

This document is intended for users who install, train, and use the Enterprise Back Office interface.

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
June 2016	<ul style="list-style-type: none">• Initial publication

1 Setting Up the Interfaces

Interface Files

Copy the following files from the installation pack to the *Installation Directory of Materials Control\Interface* folder:

- INTERFACE.ink: Entries for the interface.ini .
- KRED_1008.WT: File for the invoice interface.
- KRED_1308.WT: File for the accruals interface.
- KRED_1508.WT: File for the consumption interface.
- KRED_1708.WT: File for transfers between stores.
- KRED_1908.WT: File for usages.

Interface.ini

Warning: Before configuring interface.ini, make sure to delete all loaded BO IFC. You cannot delete them after making changes to interface.ini.

1. Navigate to the Materials Control installation directory, and then open interface.ini in a text editor.
2. Navigate to the Materials Control installation directory, and then open interface.ink in a text editor.
3. Replace the [FIBU Kreditoren] section in interface.ini with the content of the section in interface.ink.
4. Save the change to interface.ini, and then copy interface.ini to *Installation Directory of Materials Control\Custom\Interface*

Do not replace interface.ini with interface.ink.

Interface Parameters

1. In Materials Control, click **System**, double-click **Configurations**, and then double-click **fbv8.ini**.
2. Click **Buchhaltung**, and then set the following values:
 - a. **Kostenstelle**: set the value to **T**.
 - b. **Verrechnungskonto**: set the value to **0**.
3. To send invoices to the BO IFC by default, click **Rechnung**, and then set the value of **FIBUEXPORT** to **1**.

Setting Export Directories

1. In Materials Control, click **Purchase**, and then click **BO Interface**.
2. Click the **Parameter** tab, and then enter the directory for the following export types:
 - Invoices
 - Accruals
 - Consumption

- Transfers
- Usages

Supplier Accounts

1. In Materials Control, click **Master Data**, and then click **Suppliers**.
2. On the **Edit Supplier** tab:
 - a. Select **Account per Cost Center/Store** to enable account numbers for suppliers.
 - b. Enter the supplier number in the **Supplier Account** field.

Item Group Accounts

1. In Materials Control, click **Master Data**, and then click **Item Groups Select**.
2. Click the **Account Information** tab, and then enter two account numbers to set the invoice and the accrual interface in the following columns of the first row. You must enter the information in the first row.
 - a. Inventory Account
 - b. Expense Account
 - c. COS Account
 - d. Accruals Account

Usage Group Accounts

1. In Materials Control, click **Usage**, and then click **Usage Groups**.
2. Select a **Usage Group**, click the **Edit Usage Group** tab, and then enter the account information for the selected usage group.

Cost Center Accounts

1. In Materials Control, click **Master Data**, and then click **Cost Center/Stores**.
2. Select the **Cost Center/Store**, click the **Edit Cost Center/Store** tab, and then enter the account number in the **Account (Cost Center)** field.

Loading the Back Office Interfaces

1. In Materials Control, click **Purchase**, and then click **BO Interface**.
2. Click the **Interface Description** tab, select the **Standard** interface, and then click **Load**.
If you do not see the **Standard** interface, make sure you correctly set up the interface files and `interface.ini`.
3. Select **BO-IFC Standard**, and then click **Load**.

2 Using the Back Office Interface

Invoice Booking Selections

1. In Materials Control, click **Purchase**, click **Invoice Control**, and then click the **Open** button.
2. Select the time period for the invoices you want to export, select to show invoices in the **Closed** status, and then click **OK**.
3. Select the closed invoices you want to export, and then click **Book to B/O**.
4. Verify that all closed invoices you want to export have a check mark in the **B/O** column.
5. You can then export invoices using the **Purchase** interface type.

Accrual Booking Selections

1. In Materials Control, click **Receiving**, and then click the **Accruals** tab.
2. Select the time period for the accruals, the **Cost Center/Store**, whether the export should include substores, select **Group by Account**, and then click **Book B/O**.
3. You can then export delivery notes using the **Accruals** interface type.

Inventory Consumption Booking Selections

1. In Materials Control, click **Result**, and then click **Consumption on Inventory**.
2. Click the **Consumption** tab, select the **Cost Center/Store**, and then select a finished inventory.
3. Select whether to export the consumptions on inventory **With Expenses** and whether to **Group by Item Group**.
4. Click **OK**, verify the inventory and transactions on the **Account Assignment** screen, and then click **OK**.
5. You can then export inventories using the **Consumption on Inventory** interface type.

Transfer Booking Selections

1. In Materials Control, click **Result**, and then click **Consumption on Inventory**.
2. Click the **Transfer Export** tab, select the date up to which you want to export transfers, and then click **OK**.
3. You can then export transfers using the **Transfer** interface type.

Usage Booking Selections

1. In Materials Control, click **Result**, and then click **Consumption on Inventory**.
2. Click the **Usage** tab, select the time period for the usage records you want to export, and then select the **Cost Center/Store**.
3. Make sure **Transfer Account Assignment** and **POT COS Account Assignment** are not selected, and then click **OK**.
4. You can then export invoices using the **Usage** interface type.

Exporting Documents

1. In Materials Control, click **Purchase**, click **BO Interface**, and then click the **Create Booking** tab.
2. In the **Interface Type** section, select the type of data you want to export. You can specify booking selections for each interface type.
3. Filter the scope of the data being exported:
 - a. If your environment has more than one accounting package, select a loaded **Interface**.
 - b. Select whether to include data from all clients or from a specific client in the **Client** drop-down list.
 - c. If you want to include data only up to a certain date, select or enter the cut-off date in the **Up to Date** field.
 - d. If you want to include data only up to a certain document number, enter the cut-off number in the **Up to Doc No.** field.
 - e. If you want to post documents to a different booking period, such as a June invoice in the May booking period, click **Change Period**, select a booking date, and then click **OK**.
4. In the **Sorted By** section, you can select the sorting order for the export.
5. If you want to override booking selections for the interface type, select **All Positions**. For example, you can book specific invoices for export in Invoice Control, but the **All Positions** option ignores the selections and exports all closed invoices that are applicable after the booking filters.
6. Click **Export** to create the export data file in the export directory.
7. Click **Close** if you want to mark the selected documents as handled without creating an export.
8. Select an invoice and click **New Doc No** if you want to change the document number.
9. Click **Check** if you want Materials Control to review the entries for errors. For example, it can catch if you have a rounding issue between net values and the VAT calculation.

3 Export Formats

Invoices

Table 1 - Invoices Format

#	Description	Start Pos.	Max Length	Field Type	Picture
1	Company code/client	1	6	NUMBER	
2	Booking	7	2	NUMBER	
3	Period	9	7	DATE	YYYY.MM
4	Posting date	16	10	DATE	YYYY.MM.DD
5	Invoice date	26	10	DATE	YYYY.MM.DD
6	Invoice due date	36	10	DATE	YYYY.MM.DD
7	Invoice number	46	60	CHAR	
8	Interface transaction number	106	12	NUMBER	
9	Document number	118	6	CHAR	
10	Account type	124	2	NUMBER	
11	Account	126	20	CHAR	
12	Contra account type	146	2	NUMBER	
13	Contra account	148	20	CHAR	
14	Debit credit marker (0=D /1=C)	168	1	NUMBER	
15	Amount (net)	169	17	NUMBER	###
16	VAT amount	186	17	NUMBER	###
17	VAT percentage	203	3	NUMBER	
18	Tax Key	206	2	NUMBER	
19	Description	208	60	CHAR	
20	Client VAT identification number	268	15	CHAR	
21	EURO indicator	238	1	NUMBER	
22	Cost center	239	60	CHAR	

Accruals

Table 2 - Accruals Format

#	Description	Start Pos.	Max Length	Field Type	Picture
1	Company code/client	1	6	NUMBER	
2	Booking	7	2	NUMBER	
3	Period	9	7	DATE	YYYY.MM
4	Posting date	16	10	DATE	YYYY.MM.DD
5	Invoice date	26	10	DATE	YYYY.MM.DD
6	Space	36	10	CHAR	
7	Invoice number	46	60	CHAR	
8	Interface transaction number	106	12	NUMBER	
9	Document number	118	6	CHAR	
10	Account type	124	2	NUMBER	
11	Account	126	20	CHAR	
12	Contra account type	146	2	NUMBER	
13	Contra account	148	20	CHAR	
14	Debit credit marker (0=D /1=C)	168	1	NUMBER	
15	Amount (net)	169	17	NUMBER	###
16	VAT amount	186	17	NUMBER	###
17	VAT percentage	203	3	NUMBER	
18	Tax Key	206	2	NUMBER	
19	Description	208	60	CHAR	
20	Client VAT identification number	268	15	CHAR	
21	EURO indicator	238	1	NUMBER	
22	Cost center	239	60	CHAR	

Consumption

Table 3 - Consumption Format

#	Description	Start Pos.	Max Length	Field Type	Picture
1	Company code/client	1	6	NUMBER	
2	Booking	7	2	NUMBER	
3	Period	9	7	DATE	YYYY.MM
4	Posting date	16	10	DATE	YYYY.MM.DD
5	Invoice date	26	10	DATE	YYYY.MM.DD
6	Space	36	10	CHAR	
7	Invoice number	46	60	CHAR	
8	Interface transaction number	106	12	NUMBER	
9	Document number	118	6	CHAR	
10	Account type	124	2	NUMBER	
11	Account	126	20	CHAR	
12	Contra account type	146	2	NUMBER	
13	Contra account	148	20	CHAR	
14	Debit credit marker (0=D /1=C)	168	1	NUMBER	
15	Amount (net)	169	17	NUMBER	###
16	VAT amount	186	17	NUMBER	###
17	VAT percentage	203	3	NUMBER	
18	Tax Key	206	2	NUMBER	
19	Description	208	60	CHAR	
20	Client VAT identification number	268	15	CHAR	
21	EURO indicator	238	1	NUMBER	
22	Cost center	239	60	CHAR	

Transfers

Table 4 - Transfers Format

#	Description	Start Pos.	Max Length	Field Type	Picture
1	Company code/client	1	6	NUMBER	
2	Booking	7	2	NUMBER	
3	Period	9	7	DATE	YYYY.MM
4	Posting date	16	10	DATE	YYYY.MM.DD
5	Invoice date	26	10	DATE	YYYY.MM.DD
6	Space	36	10	CHAR	
7	Invoice number	46	60	CHAR	
8	Interface transaction number	106	12	NUMBER	
9	Document number	118	6	CHAR	
10	Account type	124	2	NUMBER	
11	Account	126	20	CHAR	
12	Contra account type	146	2	NUMBER	
13	Contra account	148	20	CHAR	
14	Debit credit marker (0=D /1=C)	168	1	NUMBER	
15	Amount (net)	169	17	NUMBER	###
16	VAT amount	186	17	NUMBER	###
17	VAT percentage	203	3	NUMBER	
18	Tax Key	206	2	NUMBER	
19	Description	208	60	CHAR	
20	Client VAT identification number	268	15	CHAR	
21	EURO indicator	238	1	NUMBER	
22	Cost center	239	60	CHAR	

Usage

Table 5 - Usage Format

#	Description	Start Pos.	Max Length	Field Type	Picture
1	Company code/client	1	6	NUMBER	
2	Booking	7	2	NUMBER	
3	Period	9	7	DATE	YYYY.MM
4	Posting date	16	10	DATE	YYYY.MM.DD
5	Invoice date	26	10	DATE	YYYY.MM.DD
6	Space	36	10	CHAR	
7	Invoice number	46	60	CHAR	
8	Interface transaction number	106	12	NUMBER	
9	Document number	118	6	CHAR	
10	Account type	124	2	NUMBER	
11	Account	126	20	CHAR	
12	Contra account type	146	2	NUMBER	
13	Contra account	148	20	CHAR	
14	Debit credit marker (0=D /1=C)	168	1	NUMBER	
15	Amount (net)	169	17	NUMBER	###
16	VAT amount	186	17	NUMBER	###
17	VAT percentage	203	3	NUMBER	
18	Tax Key	206	2	NUMBER	
19	Description	208	60	CHAR	
20	Client VAT identification number	268	15	CHAR	
21	EURO indicator	238	1	NUMBER	
22	Cost center	239	60	CHAR	