

Oracle® Retail MICROS Stores2

Functional Document

Import Export Tool

Release 1.20-1.39

July 2017

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

Primary Author: Alessio Ossola

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 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.

TECHNICAL DOCUMENTATION

S2ImportExportTool - Manuale d'uso

Report developed by:

MICROS-Retail srl con socio unico

Alessio Ossola

Version 1.00 of 20/02/2014

Table of contents

1 Introduction	6
2 Installation	6
3 Configuration	6
4 Operation.....	7

Note: The rebranding for the latest version of this documentation set is in development as part of post MICROS acquisition activities. References to former MICROS product names may exist throughout this existing documentation set.

1 Introduction

This program is used to import information on the customer such as point balance, point calculation rates and customer notes.

2 Installation

Since there is no setup, the file needs to be unzipped in a "S2ImportExportTool" folder.

3 Configuration

The importing program can be configured through a file contained in the installation folder (S2GImportVouchers.exe.config). If one or more records contain errors a summary email will be sent to the email address specified in the program configuration file. The input files will be put in a backup directory (configurable) when file importing is completed. If the email transmission is not successful the errors will be written in a log file in the application folder: it will be up to the operator to check for the presence of error files /and/or warnings sent by email. The program can be started at fixed times during the day through the windows scheduler.

The program configuration file will have the following format.

```
<?xml version="1.0" encoding="utf-8" ?>
<configuration>
  <appSettings>
    <add key="Stores2Ini" value="C:\Fortech\Stores2\Store2.ini"/>
    <add key="LogPath" value="C:\Fortech\VoucherImport\Data\Log"/>
    <add key="BackupPath" value="C:\Fortech\VoucherImport\Data\Backup"/>
    <add key="Sender" value="noreply@domain.com"/>
    <add key="SendTo" value="address@domain.com"/>
    <add key="SMTPAddress" value="192.168.0.155"/>
    <add key="SMTPPort" value="25"/>
    <add key="SMTPUsername" value="Utente"/>
    <add key="SMTPPassword" value="Password"/>
    <add key=" Import_Fidelity" value=" C:\Fortech\Stores2\Input\Fidelity_*.txt"/>
  </appSettings>
</configuration>
```

Before starting the application the parameters contained in the configuration file need to be configured:

- Stores2Ini: indicates the path for retrieving the store2.ini file.
- LogPath: indicates the path where the program error logs will be written.
- BackupPath: path where the processed files will be moved.
- Sender: email address from which the emails will be sent. Normally this corresponds to a noreply@ address which must exist on the SMTP server.
- SendTo: list of error email recipients. If there are multiple recipients they must be separated by the ";" character.

- SMTPAddress: hostname or IP address of the SMTP server. If left blank the application will only write any errors in the log file.
- SMTPPort: SMTP server port.
- SMTPUsername and SMTPPassword: SMTP server authentication data. If authentication will not be included they can be left blank.
- Import_Fidelity: indicates the basic name of files which must be imported for the fidelity input flow.

The track is:

Field	TXT type	Length	DB type	Notes
Barcode	Alph	13	Text	Fidelity card code
DataDiCalcolo	Num	8	Date	Balance calculation date in yyyyMMdd format
DataOraUltimoScontrino	Num	14	Date	Date/Time of the last receipt considered for the balance calculation. The format is yyyyMMddhhmmss.
SaldoPunti	Num	5	Integer	
CausaleAnnullamento	Alph	4	Text	
AttivazioneStato	Num	1	Bool	Supplies the "FidelityTesseraAttivata" field in the "ProdottiBarcodes" table
Note	Alph	255	Text	Notes on the customer form
Circuito	Alph	10	Text	Parameter to point calculation

4 Operation

The file will be acquired via a batch procedure.

The application was created with the intent of being able to perform different type operations and it has been structured for this purpose; thus it requires some command line parameters to perform importing and exporting operations:

- /IMPORT: performs import operations. The parameter must be followed by the name of the flow or flows to import. E.g. /IMPORT "Import_Fidelity" will perform fidelity data importing in sequence. The name of the file which DWH will have to prepare will be indicated at the "Import_Fidelity" flow.

A setup procedure is not included, it is sufficient to copy the program files in a folder. The configuration file needs to be managed manually.

The following information will be memorized in the ProdottiBarcodes table:

- The calculation date: represents the date on which the customer's point balance was calculated.
- The total point balance: represents the total points calculated based on purchases made by the customer. Stores2 is not able to retrieve this information directly because it has no way of knowing the sales movements (and consequently the point balance) registered on stores which are part of another geographic network. The information represented the points accumulated on the calculation date. So it does not include points obtained in sales performed on dates after the calculation date and in particular those of the sale in progress.

- The date/time of the last receipt: represents the date/time of the last receipt considered in the processing. It is useful for checking which receipts have been considered if the processing has been performed before all of the receipts registered on the calculation date have arrived at the head office.
- Cancellation motive: this is used to give a motive for barcode cancellation. If the card is cancelled, it would not be considered valid and thus refused by the program. By specifying a reason the program will be able to explain to the operator the reason for the cancellation with a message. The "CausaleAnnullamento" field is connected to the "CausaliAnnullamentoClienti" table, its data entry is available in the customer master data section.

As indicated above, notes to be highlighted will be memorized in the "Clienti" table record corresponding to the cardholder.