Oracle® Retail MICROS Stores2
Functional Document
Sales - Loyalty
Release 1.36.2

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Oracle® Retail MICROS Stores2 Functional Document Sales - Loyalty, Release 1.36.2

TECHNICAL DOCUMENTATION

Stores2 - 1.36.2 - Sales - Modifications to Loyalty management (GEOX)

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stores2-136-fd-sales-loyalty

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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 document contains the modifications made to Stores2 version 1.36.2 for loyalty management.

2 Modification to the table structure

2.1 Modification description

The dimensions of the fields for address, name and last name has been increased to 255 in Stores2 version 1.36.2. A dimension constraint has been added to the "CampiLogici" and "CampiFisici" tables in order not to alter the data extraction to host phase and leave the data unaltered by default.

The details of the modified data are shown below:

2.1.1 Main database

- Customers: RagioneSociale; Last name 50 -> 255; Address 50->255;

- FattureTestate: RagioneSociale; Last name 50 -> 255; Address 50->255;

- IndirizziSpedizione: RagioneSociale; Address 50->255;

- MovimentiDatiAggiuntivi: Name 50->255; Last name 50 -> 255; Address 50->255;

- MovimentiTaxFree: RagioneSociale50->255; Address 60->255

2.1.2 Interchange database Input data

- S2_Clienti

- S2_ FattureTestate

2.1.3 Interchange database Output data

- S2_Clienti

- S2_FattureTestate

- S2_MovimentiDatiAggiuntivi

- S2_MovimentiTaxFree

2.2 Configuration

To make the changes operative modifications of the data contained in the "CampiLogici" and "CampiFisici" tables need to be made manually.

2.3 Operation

The entry data of the various functions (Customers, Invoices, TaxFree, Addresses) have been changed to manage the maximum length set in the "CampiLogici" and "CampiFisici" tables.

2.4   Constraints on the database

WARNING, a limit of 900 bytes is set in SQL Server for the total maximum dimension of all the index key columns. Setting the chaining of the fields "RagioneSociale" and "Cognome" as index would exceed this limit causing the program to generate an error if the entered data when summed exceed the limit.

In these cases it is advisable to enter single indexes (one for the name and one for the last name).

For additional details:

http://technet.microsoft.com/it-it/library/ms191241(v=sql.105).aspx

3 Birthday management

This function is used to obtain a special discount in the birthday period and to constrain its use to once a year within the geographic network.

3.1   Configuration

In the fidelity master data, a "Use customer master data" flag has been added to the birthday management options. If selected the control on customers' and children's birthdays will no longer be run based on fidelity conditions but on the value of the "DataFlag9" field of the "Clienti" table returned by the WebService.

3.2   Operation

3.2.1 Sale

This modification extends the control to the whole geographic area and is done so that the information can be used by systems outside Stores2.
For this purpose, we will use the centralized customer online service which we recently introduced, so that the information that a customer has used a discount is entered in the customer's master data and is registered/retrieved through the web service.

We will use the DataFlag9 field, present in the Clienti table already included in the interchange tracks with Web service. A customer can use the discount only if he/she has not yet used it for the current year. With the current

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version this control is run on the "DataScontoEseguito" field of the "FidelityCondizioni" table. With the new version tis information is saved on the customer's master data form. The new procedure will be activated by activating the new "CompleannoUsaAngraficaClienti" flag which we will add to the "Fidelity" table. If the configuration includes centralized customer management the information will be retrieved directly from the head office through the web service. If the customer has not used the discount yet, the DataFlag9 field will be 0. When the customer uses the discount the DataFlag9 field will be assigned a value with the date where the day and month correspond to those of the birthdate, while the year is when the birthday is celebrated. For example, let's consider a management which involves customers who have the right to a discount in the period from 7 days before to 7 days after their birthday. If the customer's birthday was 20/05 he/she would have the right to a discount for purchases in the period of 13-27 May 2014. If purchases are made in this period, Stores2 will assign a discount and assign a value to the DataFlag9 field with the month and day of the birthday (thus 20/05) and the year as 2014. However, if the customer was born on 28/12 and went to the store on 3 January 2014 to make a purchase, the program would permit the purchase because the period to use the discount would have been 21/12/2013 – 04/01/2014. In this case the year of the DataFlag9 field would be 2013.

Recording of the DataFlag9 field is performed in receipt closing during the data registration phase and in this context, for managing centralized customers, a value will also be assigned to the TrasmissioneWS field so that Stores2 sends the customer's master data form to the web service.

3.2.2 Receipt cancellation

It is possible to recognize that a birthday discount has been used on a receipt directly from the discount reason if specified in the fidelity master data. Thus it will be possible to reset the value so that the discount can be reused. If the configuration does not include a specific reason for the birthday this will not be possible. The DataFlag9 field will have a 0 value assigned and in the case of centralized customer management the information will be sent to the head office through web service. In the event of connection problems, which do no allow online updating, the operations will still be permitted since the information will reach the head office with the standard data transmission procedure.
However, with this procedure, it will not be possible to restore a receipt for which a birthday discount has been used.
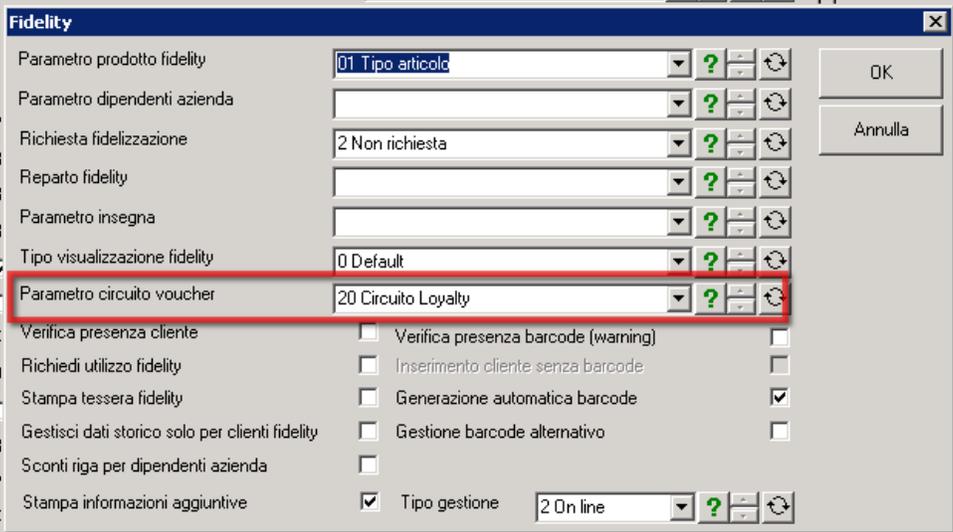
4 Point management by Geographic node parameter

This function makes it possible for online point fidelity management to manage points at geographic node parameter level.

4.1 Configuration

4.1.1 General Parameters

A "Parametro circuito voucher" field has been added to General Parameters, sales section, to assign with a geographic node parameter value.

4.1.2 Geographic Nodes

A value will need to be assigned to the previously set parameter in Geographic Nodes.

4.2   Operation

Once the new function is enabled, the points calculation will be based on the selected parameter. The value taken into account will no longer be the one of the "ProdottiBarcodes" table, but it will be managed in a separate table, "FidelityDatiAggiuntivi".

The program S2ImportExportTool.exe has been changed to manage the new circuit information.