

**Oracle® Retail MICROS Stores2**  
Functional Document  
Web Service Centralized Customer Tracking  
Release 1.20-1.39

July 2017

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# **TECHNICAL DOCUMENTATION**

*Stores2 Web Service - Centralized customer interchange tracks*

Report developed by:

**MICROS-Retail srl with sole shareholder**

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Version 1.00 of 16/07/2014

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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 track used for calling the web service of online customers.

### 1.1 FidelityGenericGetCustomerList

#### 1.1.1 Description

Used to search for customers who meet certain search criteria.

#### 1.1.2 Mandatory parameters

The mandatory parameters must always be included in the call to the page.

<b>az</b>	Company code
<b>nd</b>	Node code
<b>pf</b>	Workstation code

#### 1.1.3 Optional parameters

The optional parameters determine the data set returned by the function and the format in which this information is returned.

<b>node</b>	Customer node
<b>code</b>	Customer code
<b>bc</b>	Customer barcode
<b>nam</b>	Customer name
<b>sur</b>	Customer last name
<b>Email</b>	Customer email
<b>locnam</b>	Name of customer location
<b>city</b>	Customer city
<b>vat</b>	Customer VAT number
<b>fidelity</b>	Fidelity flag
<b>maxcust</b>	Maximum number of customers to return
<b>responsetype</b>	Type of function response. <i>If this parameter is equal to XML the recordsets returned by the call to the page are not serialized and will be available in XML text format. With any other value (or not specifying the parameter) the data are serialized.</i>
<b>nozip</b>	Flag for zipping the result. <i>If this parameter is set to 1 the data returned by the function are not zipped and will be shown unzipped in the result. With any other value (or not specifying the parameter) the data are zipped.</i>

#### 1.1.4 Example

[http://localhost/Stores2WS/FidelityGenericGetCustomerList.aspx?az=14&pf=1&nd=001&nam=MARIO&sur=R  
OSSI&responsetype=XML&nozip=1](http://localhost/Stores2WS/FidelityGenericGetCustomerList.aspx?az=14&pf=1&nd=001&nam=MARIO&sur=R<br/>OSSI&responsetype=XML&nozip=1)

With this call the web service returns the data unzipped and not serialized for all customers with first name Mario and last name Rossi.

### 1.1.5 Return value

The web service returns an XML document containing the search result (or a code relative to an error which occurred during processing, 0 if there were no errors), the number of potentially located customers and the data of the first  $n$  customers found (where  $n$  is a number specified during the call phase).

```
<data error="0" totalcustomers="n">
  <customers>
    <![CDATA[...]]>
  </customers>
  <addresses>
    <![CDATA[...]]>
  </addresses>
</data>
```

In the CDATA attribute it is possible to find (tag <customers>) customer data (including information taken from the ProdottiBarcodes table) and shipping address data (tag <addresses>), with or without the schema, based on the *responsetype* parameter specified in the call.

## 1.2 FidelityGenericSubmitCustomerData

### 1.2.1 Description

This is used to add or update the data of one or more customers and add or update one or more shipping addresses.

The function autonomously determines the type of operation to perform (add or update) based on whether the data is already present in the database.

### 1.2.2 Mandatory parameters

The mandatory parameters must always be included in the call to the page.

<b>az</b>	Company code
<b>nd</b>	Node code
<b>pf</b>	Workstation code

### 1.2.3 Optional parameters

ADODB recordset containing customer data (and possibly the barcode).

ADODB recordset containing the shipping address data.

### 1.2.4 Example

<http://localhost/Stores2WS/FidelityGenericSubmitCustomerData.aspx?az=14&pf=1&nd=001&responsetype=XML&nozip=1>

With this call the web service returns the result of the operation on customer data in unzipped format.

Instead of recordsets it is possible to enter parameters, this procedure narrows the amount of managed information:

<b>chkemail</b>	can be set to 1 or 0 based on whether unequivocalness of the email needs to be checked.
<b>nozip</b>	always to 1.
<b>bc</b>	Customer barcode -> 12 characters: 3 prefix (202) + 3 customer node + 6 customer code; max len 50.
<b>node</b>	customer node code; Stores2 field: Nodo; max len 3.
<b>code</b>	customer code; sequential number of 6 characters (e.g. 000001). The code needs to be unequivocal at node level; Stores2 field: codice; max len 10.
<b>name</b>	Name; Stores2 field: RagioneSociale; max len 255.
<b>surname</b>	Last name; Stores2 field: Cognome; max len 50.
<b>address</b>	Address; Stores2 field: Indirizzo; max len 50.

<b>cell</b>	Cell phone; Stores2 field: Telefono2; max len 50.
<b>location</b>	location; Stores2 field: Localita; max len 50.
<b>province</b>	province; if management is <b>configured by nation the</b> Stores2 code needs to be used for the provinces, otherwise any alphanumeric string; Stores2 field: Provincia; max len 5.
<b>country</b>	nation codes in Stores2; Stores2 field: Nazione; max len 4.
<b>email</b>	Email address; Stores2 field: email; max len 50.
<b>zipcode</b>	zip code; Stores2 field: Cap; max len 10.
<b>son1surname</b>	Child 1 last name; Stores2 field: CognomeFiglio1; max len 50
<b>son1name</b>	Child 1 name; Stores2 field: NomeFiglio1; max len 50
<b>son1sex</b>	Child 1 sex (M/F); Stores2 field: SessoFiglio1; max len 1
<b>son1birthdate</b>	Child 1 date of birth (yyyymmdd format); Stores2 field: DataNascitaFiglio1.
<b>son2surname</b>	Child 2 last name; Stores2 field: CognomeFiglio2; max len 50
<b>son2name</b>	Child 2 name; Stores2 field: NomeFiglio2; max len 50
<b>son2sex</b>	Child 2 sex (M/F); Stores2 field: SessoFiglio2; max len 1
<b>son2birthdate</b>	Child 2 date of birth (yyyymmdd format); Stores2 field: DataNascitaFiglio2.
<b>son3surname</b>	Child 3 last name; Stores2 field: CognomeFiglio3; max len 50
<b>son3name</b>	Child 3 name; Stores2 field: NomeFiglio3; max len 50
<b>son3sex</b>	Child 3 sex (M/F); Stores2 field: SessoFiglio3; max len 1
<b>son3birthdate</b>	Child 3 date of birth (yyyymmdd format); Stores2 field: DataNascitaFiglio3.
<b>son4surname</b>	Child 4 last name; Stores2 field: CognomeFiglio4; max len 50
<b>son4name</b>	Child 4 name; Stores2 field: NomeFiglio4; max len 50
<b>son4sex</b>	Child 4 sex (M/F); Stores2 field: SessoFiglio4; max len 1
<b>son4birthdate</b>	Child 4 date of birth (yyyymmdd format); Stores2 field: DataNascitaFiglio4.
<b>dataflag0</b>	<b>Stores2 field: DataFlag0;</b> (yyyymmdd format).
<b>dataflag1</b>	<b>Stores2 field: DataFlag1;</b> (yyyymmdd format).
<b>dataflag2</b>	<b>Stores2 field: DataFlag2;</b> (yyyymmdd format).
<b>dataflag3</b>	<b>Stores2 field: DataFlag3;</b> (yyyymmdd format).
<b>dataflag4</b>	<b>Stores2 field: DataFlag4;</b> (yyyymmdd format).
<b>dataflag5</b>	<b>Stores2 field: DataFlag5;</b> (yyyymmdd format).
<b>dataflag6</b>	<b>Stores2 field: DataFlag6;</b> (yyyymmdd format).
<b>dataflag7</b>	<b>Stores2 field: DataFlag7;</b> (yyyymmdd format).
<b>dataflag8</b>	<b>Stores2 field: DataFlag8;</b> (yyyymmdd format).
<b>dataflag9</b>	<b>Stores2 field: DataFlag9;</b> (yyyymmdd format).

### 1.2.5 Example

<http://localhost/Stores2WS/FidelityGenericSubmitCustomerData.aspx?az=14&pf=1&nd=001&chkmail=1&nozip=1&=XML&nozip=1&bc=123456789012&node=001&code=000001&name=NOME&surname=COGNOME&address=INDIRIZZO&cell=3331234567&location=Milano&province=MI&country=ITA&email=INDIRIZZOEMAIL&zipcode=123451>

### **1.2.6 Return value**

The web service returns an XML document containing the result of the operation (or a code related to an error occurring during processing, 0 if there were no errors).

```
<data error="0"/>
```