

# TECHNICAL SPECIFICATIONS

## Bin Web Service



Euronet Merchant Services Payment Institution Single Member S.A.  
1 Sachtouri & Poseidonos Ave., 176 74 Kallithea, Athens, Greece  
Authorised as a Payment Institution by the Bank of Greece under Law 4537/2018

[www.epayworldwide.gr](http://www.epayworldwide.gr)  
Tel.: +30 210 38 98 954



## History of Changes

Date	Version	Changes
18/01/2012	1.0	Initial version
16/03/2022	2.0	Service rebranding to epay eCommerce



## Contents

1. Introduction.....	3
2. Bin Web Service Parameters .....	3



## 1. Introduction

The Euronet Merchant Services "**Bin Web Service**" can be used by merchants performing electronic card transactions via the epay eCommerce services, which support instalments.

Through this Web Service, the merchant is informed whether a card supports an instalment plan by providing the first 8 digits of the card, as well as the amount of the transaction to be carried out.

The next chapter describes the parameters needed for the request, as well as the parameters of the response.



## 2. Bin Web Service Parameters

The "Bin Web service" is a SOAP Web Service. To URL is the following:




<https://paycenter.piraeusbank.gr/Services/BinServiceClient.asmx>

The information needed to call it, is the following:

REQUEST PARAMETERS		
Parameter name	Description	Type
<b>Merchant ID</b>	The merchant identification number (merchant id). Provided by Euronet Merchant Services.	Integer
<b>Acquirer ID</b>	The acquirer identification. Provided by Euronet Merchant Services.	String (max. 5 characters)
<b>User</b>	The name of the user. Provided by Euronet Merchant Services.	String (max. 50 characters)
<b>Password</b>	The user password <u>encrypted using the MD5 hashing algorithm</u> . Provided by Euronet Merchant Services (in unencrypted format).	String (max. 50 characters)
<b>Amount</b>	The amount of the transaction to be sent.	Decimal with 2 decimal places
<b>BIN</b>	The first 8 digits of the card.	String (8 characters)

The parameters sent in the response are the following:

RESPONSE PARAMETERS		
Parameter name	Description	Type
<b>MerchantID</b>	The merchant identification number (merchant id) sent in the request message.	Integer
<b>AcquirerID</b>	The acquirer identification sent in the request message.	String (max. 5 characters)
<b>User</b>	The user name sent in the request message.	String (max. 50 characters)
<b>SupportReferenceID</b>	<p>Reference id of the submitted request. There is a different value per request.</p> <div>  <b>Note:</b>            It is necessary to store the value, so as to be used as a reference in the communication with Euronet Merchant Services, as required.         </div>	Long integer
<b>SupportsInstallments</b>	<p>Through this field a result is returned whether instalments are supported or not. Possible values:</p> <ul style="list-style-type: none"> <li>▪ <b>Yes:</b> The cards starting with the 8 digits sent to the "Bin" parameter and the value of the "Amount" parameter as the transaction amount, support instalments. The maximum number of instalments is contained in the "Installments" parameter.</li> <li>▪ <b>No:</b> The cards starting with the 8 digits sent to the "Bin" parameter and the value of the "Amount" parameter as the transaction amount, do not support instalments.</li> <li>▪ <b>Error:</b> There was a technical problem in the details of the request; therefore the information regarding instalment support is not available. Details on the problem which emerged are included in the "ResultCode" and "ResultDescription" parameters (see below).</li> </ul>	String (max. 5 characters)
<b>Installments</b>	Maximum number of instalments. It makes sense when the value of the "SupportsInstallments" is "Yes".	Integer

<b>ResultCode</b>	<p>The result code of the request that indicates whether there was a technical problem in the transaction processing. Specifically:</p> <ul style="list-style-type: none"> <li>▪ <b>Value is 0:</b> There was no problem and the information of the instalment support is available via the "SupportsInstallments" parameter.</li> <li>▪ <b>Value <math>\neq</math> 0:</b> There was a problem with the transaction details or some kind of technical problem in epay eCommerce, so the information regarding the support of instalments is not available. In this case, the "SupportsInstallments" parameter value is "Error" and the "ResultDescription" parameter contains a description of the problem.</li> </ul>	Integer
<b>ResultDescription</b>	The description corresponding to the "ResultCode" parameter value. It makes sense when the "ResultCode" is not 0.	String (max. 1024 characters)



**Note:**

The value of the "SupportsInstallments" is enough to determine whether instalments are supported or if a technical problem emerged. In case of a technical problem, more information about this is given by the "ResultCode" and "ResultDescription" parameters.