



**Pixsell Payment Solutions Inc.
SMS Sender, Web Service**

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Revision Management

#	Name	Remarks	Page	Date & Time

Overview

SMS Sender Web-service , a web service that allows its clients to send SMS messages to mobile subscribers anywhere in the world.

Unsolved Technical Issues

It is an inevitable scenario to encounter technical issues during development stage especially the unknown ones, because there might be a lot of factors that causes this issue and to the point developers wouldn't have an idea whether it is or programming tool bug , internal issues which beyond our expectations or technical knowledge.

The purpose of this Module is to overview the readers or the next developers who will revise this web application and this may serve us their guides, for troubleshooting references and tips as we personally written here the personal encounters during development. The following below are the issues encountered.

Date Encountered	Issue	Solution/Work Around	Possible Causes/Result

Web Method Description

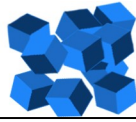
1. PxSendSMS- A function that manages SMS sending request of Pixsell Partner merchants. It accepts the following parameters : Session ID , Merchant Reference No , Sender Name, Area Code, Mobile Number, SMS Message and Flash Option.
2. PxVerifySMSRequestStatus - A module that checks the status of SMS Sending request by providing the following parameters; sessionID and merchantRefNo.

SOFTWARE DEVELOPMENT

Pixsell SMS Sender Web Service

	<p>Pixsell Web Service</p> <ul style="list-style-type: none"> • The Pixsell Web Service Facility provides a robust, scalable, flexible and secure platform to the Business Partners that integrates their systems with PIXSELL E-wallet System. The Pixsell Web Service Facility acts as an intermediary between the Business Partners and PIXSELL E-wallet System, and exposes E-wallet services in the form of SOAP SERVICES. Business Partners can integrate their systems by writing client programs to call the SOAP API. • The SOAP SERVICES described in this document consists of a subset of services provided by Pixsell E-wallet System. These SOAP SERVICES are exposed using WSDL and thus can be invoked using SOAP-based method calls. The client programs of the Business Partners use the WSDL to instantiate the objects implemented by the Pixsell WebService Facility in whatever language they choose. 	
	<p>Callable Function PxClientAuthentication</p> <ul style="list-style-type: none"> • A callable function for client-side applications. This is the first function to be used in order for your client to have a session and send other web service request. It will call a stored procedure and will require the following parameters: @MERCHANTID, @MEMBERID, @MERCHANTUSERNAME and @MERCHANTPASSWORD and @EWALLETPIN which will be given by Pixsell Payment Solutions to the merchat. This also includes checking of access rights. If the username is valid, this will return a Session namely "Session_ID" that contains alphanumeric string characters. That will be used for sending transaction request and another returned value is the "STATUSCODE" that contains an integer that represents the current status of the said function. • This Function returns two expected values for client applications which are the following : @SESSION_ID , @STATUSCODE. • BASIC XML Parameter Format : 	

	<pre> <PxClientAuthentication> <merchantID>string</merchantID> <membersID>string</membersID> <merchantUserName>string</merchantUserName> <merchantPassword>string</merchantPassword> <ePin>string</ePin> </PxClientAuthentication> </pre> <ul style="list-style-type: none"> BASIC XML Return parameters format : <pre> <PxClientAuthenticationResult> <status_Code>int</status_Code> <session_Id>string</session_Id> </PxClientAuthenticationResult> </pre> <p>Callable Function PxSendSMS</p> <ul style="list-style-type: none"> This function calls a stored procedure and requires the following parameters: <i>@SESSIONID, @MERCHANTREFNO, @SENDERNAME, @AREACODE, @MOBILENUMBER, @SMSMESSAGE, @ISFLASH</i>. After the completion of Sending SMS request from the database side, this function returns a STATUSCODE, MERCHANTREFNO, SMSREFNO, SMSREMARKS. BASIC XML Parameter Format : <pre> <PxSendSMS> <sessionID>string(30)</sessionID> <merchantRefNo>string(50)</merchantRefNo/> <sendername>string(20)</sendername> <areaCode>string(2)</areaCode> <mobileNumber>string(12)</mobileNumber> <smsMessage>string(160)</smsMessage> <isFlash>string(4)</isFlash> </PxSendSMS> </pre> <ul style="list-style-type: none"> BASIC XML Return parameters format : <pre> <PxSendSMSResponse> <statusCode>int(10)</statusCode> <merchantRefNo>string(50)</merchantRefNo/> <smsRefNo>string(10)</smsRefNo> <smsRemarks>string(200)</smsRemarks> </PxSendSMSResponse> </pre>	
	<p>Callable PxVerifySMSRequestStatus</p>	



	<ul style="list-style-type: none">• This function facilitates the client application to double check the status of the requested SMS Sending request by sending back the merchantrefno to this function. To use this function the client must follow the parameter passing below:• BASIC XML Parameter passing format <pre><PxVerifySMSRequestStatus> <sessionID>string</sessionID> <MerchantRefNo>string</MerchantRefNo> </PxVerifySMSRequestStatus></pre> <ul style="list-style-type: none">• BASIC XML Return parameters format : <pre><PxVerifySMSRequestStatusResponse> <statusCode>int(10)</statusCode> <MerchantRefNo>string(20)</MerchantRefNo> <smsRefNo>string(10)</smsRefNo> <smsRemarks>string(200)</smsRemarks> </PxVerifySMSRequestStatusResponse></pre>	