

## MOURSEL Web Service

MOURSEL web service allows our customers to integrate into their business the SMS application enabling their users to send SMS through their website and applications with lowest effort possible & a highly efficient & effective service.

### 1- Location

<http://webservice.moursel.com/mourselws.asmx>

### 2- Method

Following is the list of methods available in the web service, each method with its signature, parameters and returned values information.

ClientLogIn		
Signature	ClientLogIn(userName As String, passWord As String) As String()	
Summary	Logs in and creates a session	
Parameters	userName [String]	Username
	passWord [String]	Password
Return Values [String] Bi Dimensional array of string. * only the first dimension is used in this version 3.3	[>0, ""]	Success. It returns the Session Id (to be Used Later in other methods)
	[-1, ""]	Invalid username and password
	[-2, ""]	Inactive user
	[-3, ""]	Server Error

CreateSubUser		
Signature	CreateSubUser( LogId As String, UserFName As String, UserLName As String, UserMobile As String, UserPhone As String, UserFax As String, UserCompany As String, UserArea As String, UserCity As String, UserAdress As String, UserPOBox As String, UserUName As String, UserPassword As String, SenderId As String, UserBirthDay As Integer, UserBirthMoth As Integer, UserBirthYear As Integer, Gender As Boolean) As String	
Summary	Creates a Sub user	
Parameters	LogId [string]	Log Id returned on log in
	UserFName [String]	First name of the Sub User
	UserLName [String]	New Sub User Last Name
	UserMobile [String]	New Sub User Mobile
	UserPhone [String]	New Sub User Phone
	UserFax [String]	New Sub User Fax
	UserCompany [String]	New Sub User Company
	UserArea [String]	New Sub User Area
	UserCity [String]	New Sub User City
	UserAdress [String]	New Sub User Adresse
	UserPOBox [String]	New Sub User POBOX
	UserUName [String]	New Sub User Username
	UserPassword [String]	New Sub User Password
	SenderId [String]	New Sub User Sender Id
	UserBirthDay [Integer]	New Sub User Birth Day
	UserBirthMoth [Integer]	New Sub User Birth Month
UserBirthYear [Integer]	Sub User Birth Year	
Gender [boolean]	False for female, and True for male	
Return Values [String]	-1 :	Parent user doesnt exist, or wrong username and password
	-2 :	Parent User is not active or Parent is A SUB USER
	-3 :	Session timed out or wrong session
	-4 :	Username already exists
	1:	Success

<b>deletePendingBatch</b>		
Signature	deletePendingBatch(BatchID As Integer, logID As String) As Integer	
Summary	Delete a pending batch and refund points	
Parameters	LogId [string]	Log Id returned on log in
	BatchID [Integer]	BatchId as Integer
Return Values [Integer]	1	Success
	0	Batch cannot be deleted
	-1	Session has expired or wrong session
	-2	System error
	-3	System error

<b>getAllSubUsers</b>		
Signature	getAllSubUsers(logId As String) As String()	
Summary	Gets The User Names of all sub users	
Parameters	LogId [string]	Log Id returned on log in
Return Values [String()]	Array of string containing :	Error Message in case of error
	Array of string containing :	The user names of all sub users

<b>getBalance</b>		
Signature	getBalance(logID As String) As Integer	
Summary	Returns the Users Balance	
Parameters	LogId [string]	Log Id returned on log in
Return Values [Integer]	-1	Session has expired or wrong session
	>=0	Users Balance

<b>getBalanceDecimal</b>		
Signature	getBalanceDecimal(logID As String) As Decimal	
Summary	Returns the Users Balance as a decimal value	
Parameters	LogId [string]	Log Id returned on log in
Return Values [String]	-1	Session has expired or wrong session
	>=0	Users Balance as decimal

<b>getBatches</b>		
Signature	getBatches(SessionID As String, fromDate as string, toDate as string) As String()	
Summary	Returns user Batches	
Parameters	LogId [string]	Log Id returned on log in
	fromDate	Format: YYYYMMDDhhmm. (Allow null)
	To Date	Format: YYYYMMDDhhmm. (Allow null)
Return Values [String()]	Array of string containing (BatchId~sendDate ~Status~SenderId~NbrReceivers~ message ) Status: 1=Pending, 2=Sent, 12=Error, 14=Processing	
	If FromDate = empty and ToDate = empty Top 25 records order by sendDate Descending	
	If ToDate = empty Top 50 records order by sendDate Ascending	
	-1	Session timed out or wrong session
	-2	Wrong FromDate, ToDate
	-3	Unspecified error

<b>getDeliveryReport</b>		
Signature	getDeliveryReport(SessionID As String, BatchId as string) As String()	
Summary	Returns delivery report for all batch receivers	
Parameters	LogId [string]	Log Id returned on log in
	BatchId	BatchId as string
Return Values [String()]	Array of string containing (Mobile~sendDate~DateDone~Status ) Status: 20=delivered, 21=not delivered, 22=waiting delivery report	
	-1	Session timed out or wrong session
	-2	Wrong BatchId
	-3	Unspecified error

<b>getSenderId</b>		
Signature	getSenderId(logID As String) As String()	
Summary	Returns the users SenderId	
Parameters	LogId [string]	Log Id returned on log in
Return Values [String]	Array of string containing all SenderIDs of the user	

<b>getSubUserDetails</b>		
Signature	getSubUserDetails(logId As String, SubUserUname As String) As String()	
Summary	Gets the details of a sub user	
Parameters	LogId [string]	Log Id returned on log in
	SubUserUname [string]	The UserName of the Sub User
Return Values [String()]	Array of string containing :	Error Message in case of error
		Details : first name,last name,email,mobile,phone,fax,company,area, city,adress,po box,user name,password,parent user id ,SenderId, registration Date,balance,free balance

<b>GetUnitPrice</b>		
Signature	GetUnitPrice(MobileNumber As String, Session As String) As Decimal	
Summary	Returns the price of the SMS for a specific number	
Parameters	MobileNumber [String]	The mobile number of the recipient
	LogId [String]	Log Id returned on log in
Return Values [Decimal]	-1	Session has expired or wrong session
	-2	error
	>=0	The price as decimal

<b>isAlive</b>		
Signature	isAlive(sessionID As String) As Boolean	
Summary	Tests if session is still active	
Parameters	LogId [string]	Log Id returned on log in
Return Values [String]	True	Session still alive
	False	Session has expired

<b>refillSubUserBalance</b>		
Signature	RefillSubUserBalance(logId As String, SubUserUName As String, Amount As Integer) As String	
Summary	Refills a sub user's Balance by transaction from parent balance Or vice- versa	
Parameters	LogId [string]	Log Id returned on log in
	SubUserUName [string]	The UserName of the Sub User
	Amount [Integer]	Amount to be transmited Amount could be positive for increase and negative for decrease
Return Values [String]	-6	User doesn't exist
	-5	Sub username is incorrect
	-4	Session Timed Out or wrong session
	-3	User is not active
	-2	No Balance
	-1	Balance is less than the amount
	1	Success

<b>sendsms</b>		
Signature	<code>sendsms( logID As String, smsMessage As String, Lang As String, sendDate As DateTime, ReceiverNumbers As String(), MessageType As Integer, getSenderID As String) As Integer</code>	
Summary	Sends an SMS	
Parameters	LogId [string]	Log Id returned on log in
	smsMessage [string]	Message text to be sent. 159 characters for Latin message and 70 characters for Unicode message
	Lang [String]	Language=1
	sendDate [DateTime]	GMT date time to send SMS mm/dd/yyyy hh:mm:ss AM
	ReceiverNumbers [string()]	Array of string containing the mobile receivers numbers Format: Country calling code+ Mobile Number
		Example: 9613XXXXXX
	MessageType [String]	1 for Latin,6 for Unicode
getSenderID [string]	One of the values returned by <b>getSenderID</b> method	
Return Values [Integer]	BatchId	Success
	-1	Session timed out
	-2	No receivers
	-3	Not enough balance
	-4	Invalid receivers
	-5	Unspecified error

<b>sendSMS2</b>		
Signature	<pre>sendSMS( logID As String, smsMessage As String, Lang As String, sendDateString As String, ReceiverNumbers As String(), MessageType As Integer, getSenderID As String) As Integer</pre>	
Summary	Sends an SMS	
Parameters	LogId [string]	Log Id returned on log in
	smsMessage [string]	Message text to be sent. 159 characters for Latin message and 70 characters for Unicode message
	Lang [String]	Language=1
	sendDate [string]	String to be converted to GMT date time to send SMS mm/dd/yyyy hh:mm:ss AM
	ReceiverNumbers [string()]	Array of string containing the mobile receivers numbers Format: Country calling code+ Mobile Number
		Example: 9613XXXXXX
	MessageType [String]	1 for Latin,6 for Unicode
	getSenderID [string]	One of the values returned by <b>getSenderID</b> method
Return Values [Integer]	BatchId >0	Success
	-1	Session timed out or wrong session
	-2	No receivers
	-3	Not enough balance
	-4	Invalid receivers
	-5	Unspecified error

<b>sendsSMScs</b>			
Signature	<code>sendSMS( logID As String, smsMessage As String, ReceiverNumbers As String, MessageType As Integer, getSenderID As String, sendDate As String, multiBatch As Integer, isLastBatch As Integer) As Integer</code>		
Summary	Sends an SMS		
Parameters	LogId [string]	Log Id returned on log in	
	smsMessage [string]	Message text to be sent. 159 characters for Latin message and 70 characters for Unicode message	
	ReceiverNumbers [string]	string containing the mobile receivers numbers separated by ~ Format: Country calling code+ Mobile Number+~	
		Example:	9613XXXXXX~96170YYYYYY~
	MessageType [String]	1 for Latin,6 for Unicode	
	getSenderID [string]	One of the values returned by <b>getSenderID</b> method	
	sendDate [string]	String indicating the date to send message. Format: YYYYMMDDhhmm. "0" for now().	
	multiBatch	1 for multi Batch	
	isLastBatch	1 for is Last Batch	
Return Values [Integer]	BatchId > 0	Success	
	0	Wrong data	
	-1	Session timed out or wrong session	
	-2	No receivers	
	-3	Not enough balance	
	-4	Invalid receivers	
	-5	Unspecified error	

<b>updateBatchDate</b>		
Signature	<code>updateBatchDate(BatchID As Integer, sendDate As String, logID As String) As Integer</code>	
Summary	Change send date of a pending batch	
Parameters	LogId [string]	Log Id returned on log in
	sendDate [string]	String indicating the date to send message. Format: YYYYMMDDhhmm. "0" for now().
	BatchID [ Integer]	BatchId as Integer
Return Values [Integer]	1	Success
	0	Invalid Batch
	-1	Session has expired or wrong session
	-2	System error

