



Malima



Orange

Option Management "Try & Buy" FR

Reference: DVS107-WSDL-OM.docx S1F5
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Description of the document

Ownership	
Client	Orange
Project title	Malima
Document title	Option Management "Try & Buy" FR
Reference	DVS107-WSDL-OM.docx
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Version history

Version	GooRooCoo	WSDL Version	Date	Description
				Creation from the MGP excel WSDL S1F9. Given that the WSDL file is the same than the MGP one, the strict WSDL part of this excel file is the same than the MGP file. However, the web service behavior is very different. So differents parts are marked with tags : - REJECTED PARAMETER : a request with this element will be rejected in error - NOT RETURNED PARAMETER : the response cannot contain this element - NOT IMPLEMENTED METHOD : the method is not implemented on this version of the service, a call to this method will throw an error - NOT RETURNED RESPONSE : as the request method is not implemented, this response will not be returned ever
S1F0			02/02/2012	
S1F1			16/02/2012	Make the WSDL excel comply with the DCD on errors
S1F2			01/03/2012	Add details of the description of some field
S1F3			05/03/2012	Add an error code/message in task
S1F4		1.1	13/03/2012	Delete the obsolete validation error : "DUPLICATED_LINE" Add Malima error code : "MLM_RES_ALREADY_RETR" in case of a result already retrieve
S1F5		1.1	23/09/2015	Add Malima error code : "MLM_DISE_ERROR" in case of error on DISE side (cf.§8)

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1. Introduction

1.1. Subject of the document

The purpose of this document is to define the Option Management web service.

1.2. Legend

Abbreviation	Definition
[C]	Choice: only one element among the elements marked with this abbreviation is allowed.
@	Attribute: an element marked with this abbreviation is an XML attribute.
OM	Option Management
string30	String limited to 30 characters
string150	String limited to 150 characters
TaskStatusType	Enumerated type. Values are : <ul style="list-style-type: none">WAITINGWORK_IN_PROGRESSWAITING_FOR_EXT_SYSTEM_PROCESSINGTERMINATEDERROR
TicketStatusType	Enumerated type. Values are : <ul style="list-style-type: none">WAITINGWORK_IN_PROGRESSTERMINATEDERROR

1.3. Reference documents

N°	Title	Reference	Version

2. SubmitAddOption

2.1. Request

XML element	Card	Type	Description
submitAddOptionRequest			
linelIdentifiers	1..1		Collection of line identifiers
^[C] subscriptionNumber	1..n	string	List of subscription numbers
^[C] simSerialNumber	1..n	string	List of SIM serial numbers
^[C] deviceImei	1..n	string	List of device IMEI
^[C] deviceSerialNumber	1..n	string	List of device serial numbers
^[C] deviceUniqueld	1..n	string	List of device unique ids
^[C] machineSerialNumber	1..n	string	List of machine serial numbers
^[C] msisdVoice	1..n		List of voice MSISDN
cc	1..1	string	Country code
sn	1..1	string	Subscriber number
^[C] msisdData	1..n		List of data MSISDN
cc	1..1	string	Country code
sn	1..1	string	Subscriber number
^[C] msisdFax	1..n		List of fax MSISDN
cc	1..1	string	Country code
sn	1..1	string	Subscriber number
option	1..1		requested option code service
@codeAlias	1..1	string	code of the option code service
parameter	0..n	string	Not applicable
@code		string	

2.2. Response

XML element	Card	Type	Description
submitAddOptionResponse			
ticketNumber	0..1	int	Ticket number : this element is not present if no line identifier is valid for the request
unknownLinelIdentifiers	0..1		Collection of line identifiers given to the service that are unknown or do not belong to the Malima user
^[C] subscriptionNumber	1..n	string	List of subscription numbers
^[C] simSerialNumber	1..n	string	List of SIM serial numbers
^[C] deviceImei	1..n	string	List of device IMEI
^[C] deviceSerialNumber	1..n	string	List of device serial numbers
^[C] deviceUniqueld	1..n	string	List of device unique identifiers
^[C] machineSerialNumber	1..n	string	List of machine serial numbers
^[C] msisdVoice	1..n		List of voice MSISDN
cc	1..1	string	Country code
sn	1..1	string	Subscriber number
^[C] msisdData	1..n		List of data MSISDN
cc	1..1	string	Country code
sn	1..1	string	Subscriber number
^[C] msisdFax	1..n		List of fax MSISDN
cc	1..1	string	Country code
sn	1..1	string	Subscriber number
validationError	0..n		Collection of validation errors different than unknown line identifiers
linelIdentifiers	1..1		
^[C] subscriptionNumber	1..n	string	subscription number
^[C] simSerialNumber	1..n	string	serial number
^[C] deviceImei	1..n	string	device IMEI
^[C] deviceSerialNumber	1..n	string	device serial number
^[C] deviceUniqueld	1..n	string	device unique identifier
^[C] machineSerialNumber	1..n	string	machine serial number
^[C] msisdVoice	1..n		Voice MSISDN
cc	1..1	string	Country code
sn	1..1	string	Subscriber number
^[C] msisdData	1..n		Data MSISDN
cc	1..1	string	Country code
sn	1..1	string	Subscriber number
^[C] msisdFax	1..n		Fax MSISDN
cc	1..1	string	Country code
sn	1..1	string	Subscriber number
error	1..1	string	validation error message
@code		string	validation error code associated to the error message

2.3. SOAP faults

2.3.1. MalimaErrorFault

XML element	Card	Type	Description
faultcode	1..1	string	Soap fault code
faultstring	1..1	string	Soap fault error string
MalimaError	1..1		
code	1..1	string	Malima error code
message	1..1	string	Malima error message

faultstring values :

- A Malima Error happened
- Monthly quota reached for this service

Malima code and message values listing :

Code	Message
MLM_UNKNOWN_USER	User <user name> is unknown
MLM_SOAP_HEADER_ERROR	Wrong parameter from IOSW-IAS call :< header fields in error >
CANNOT_CONNECT_TO_DATABASE	Can't access Database
INVALID_INPUT_PARAMETERS	Les paramètres ne sont pas supportés par la version de ce service
UNSUPPORTED_OPTION	Option non supportée par la version de ce service
NOT_IMPLEMENTED_METHOD	La méthode n'est pas supportée sur la version de ce service
MLM_RES_ALREADY_RETR	The result has already been retrieved : <retrieval date>
MLM_QUOTA_EXCEEDED	You have <remaining authorized hit count> calls left in your service quota until the end of the month

2.3.2. tooManyLineIdentifiersErrorFault

XML element	Card	Type	Description
faultcode	1..1	string	Soap fault code
faultstring	1..1	string	Fault error string
TooManyLineIdentifiersError	1..1		
maxAllowedLineIdentifiersNumber	1..1	int	Maximum allowed line identifiers number

faultstring values :

- Too many line identifiers

3. GetAddOptionResult

3.1. Request

XML element	Card	Type	Description
getAddOptionResultRequest			
ticketNumber	1..1	int	Ticket number

3.2. Response

XML element	Card	Type	Description
getAddOptionResultResponse			
globalProcessingStatus	1..1	TicketStatusType	Ticket global processing status
errorCode	0..1	string	The error code that is associated with the ticket
errorMessage	0..1	string	The error message that is associated with the ticket
option	1..1		requested option code service
@codeAlias	1..1	string	the code of the option code service [attribute "ofrsc_DYBUZA" in Malima core database's entity "Ofr_services_catalog"]
@label		string	The label of the option code service [attribute "ofrsc_DYEVZE" in Malima core database's entity "Ofr_services_catalog"]. If the label is null in database then this field is initialized with the code of the code service (see above)
parameter	0..n	string	Not applicable
@code		string	
@label		string	
statusUpdate	0..n		List of status updates
inputLineIdentifier	1..1		Input line identifiers
[C] subscriptionNumber	1..1	string	Subscription number
[C] simSerialNumber	1..1	string	Sim serial number
[C] deviceImei	1..1	string	Device IMEI
[C] deviceSerialNumber	1..1	string	Device serial number
[C] deviceUniqueld	1..1	string	Device unique id
[C] machineSerialNumber	1..1	string	Machine serial number
[C] msisdnVoice	1..1		Voice MSISDN
cc	1..1	string	Country code
sn	1..1	string	Subscriber number
[C] msisdnData	1..1		Data MSISDN
cc	1..1	string	Country code
sn	1..1	string	Subscriber number
[C] msisdnFax	1..1		Fax MSISDN
cc	1..1	string	Country code
sn	1..1	string	Subscriber number
processingStatus	1..1	TaskStatusType	Processing status
progressMessage	0..1	string	Progress Message
errorCode	0..1	string	-
errorMessage	0..1	string	-
errorDate	0..1	dateTime	Error date/time
updateDate	0..1	dateTime	Status update date
unknownLineIdentifiers	0..1		Collection of line identifiers given to the service that are unknown or do not belong to the Malima user
[C] subscriptionNumber	1..n	string	List of subscription numbers
[C] simSerialNumber	1..n	string	List of SIM serial numbers
[C] deviceImei	1..n	string	List of device IMEI
[C] deviceSerialNumber	1..n	string	List of device serial numbers
[C] deviceUniqueld	1..n	string	List of device unique identifiers
[C] machineSerialNumber	1..n	string	List of machine serial numbers
[C] msisdnVoice	1..n		Voice MSISDN
cc	1..1	string	Country code
sn	1..1	string	Subscriber number
[C] msisdnData	1..n		Data MSISDN
cc	1..1	string	Country code
sn	1..1	string	Subscriber number
[C] msisdnFax	1..n		Fax MSISDN
cc	1..1	string	Country code
sn	1..1	string	Subscriber number

3.3. SOAP faults

3.3.1. MalimaErrorFault

XML element	Card	Type	Description
faultcode	1..1	string	Soap fault code
faultstring	1..1	string	Soap fault error string
MalimaError	1..1		
code	1..1	string	Malima error code
message	1..1	string	Malima error message

faultstring values :

- A Malima Error happened
- Monthly quota reached for this service

Malima code and message values listing :

Code	Message
MLM_UNKNOWN_USER	User <user name> is unknown
MLM_SOAP_HEADER_ERROR	Wrong parameter from IOSW-IAS call :< header fields in error >
CANNOT_CONNECT_TO_DATABASE	Can't access Database
INVALID_INPUT_PARAMETERS	Les paramètres ne sont pas supportés par la version de ce service
UNSUPPORTED_OPTION	Option non supportée par la version de ce service
NOT_IMPLEMENTED_METHOD	La méthode n'est pas supportée sur la version de ce service
MLM_RES_ALREADY_RETR	The result has already been retrieved : <retrieval date>
MLM_QUOTA_EXCEEDED	You have <remaining authorized hit count> calls left in your service quota until the end of the month

3.3.2. unknownTicketNumberErrorFault

XML element	Card	Type	Description
faultcode	1..1	string	Soap fault code
faultstring	1..1	string	Fault error string
UnknownTicketNumberError	1..1		
unknownTicketNumber	1..1	int	The unknown ticket number

faultstring values :

- This ticket does not exist

4. SubmitRemoveOption

4.1. Request

XML element	Card	Type	Description
submitRemoveOptionRequest			
linelIdentifiers	1..1		Collection of line identifiers
[C] subscriptionNumber	1..n	string	List of subscription numbers
[C] simSerialNumber	1..n	string	List of SIM serial numbers
[C] deviceImei	1..n	string	List of device IMEI
[C] deviceSerialNumber	1..n	string	List of device serial numbers
[C] deviceUniqueld	1..n	string	List of device unique ids
[C] machineSerialNumber	1..n	string	List of machine serial numbers
[C] msisdVoice	1..n		List of voice MSISDN
cc	1..1	string	Country code
sn	1..1	string	Subscriber number
[C] msisdData	1..n		List of data MSISDN
cc	1..1	string	Country code
sn	1..1	string	Subscriber number
[C] msisdFax	1..n		List of fax MSISDN
cc	1..1	string	Country code
sn	1..1	string	Subscriber number
option	1..1		option to be removed
@codeAlias	1..1	string	alias of this option

4.2. Response

XML element	Card	Type	Description
submitRemoveOptionResponse			
ticketNumber	0..1	int	Ticket number : this element is not present if no line identifier is valid for the request
unknownLinelIdentifiers	0..1		Collection of line identifiers given to the service that are unknown or do not belong to the Malima user
[C] subscriptionNumber	1..n	string	List of subscription numbers
[C] simSerialNumber	1..n	string	List of SIM serial numbers
[C] deviceImei	1..n	string	List of device IMEI
[C] deviceSerialNumber	1..n	string	List of device serial numbers
[C] deviceUniqueld	1..n	string	List of device unique identifiers
[C] machineSerialNumber	1..n	string	List of machine serial numbers
[C] msisdVoice	1..n		List of voice MSISDN
cc	1..1	string	Country code
sn	1..1	string	Subscriber number
[C] msisdData	1..n		List of data MSISDN
cc	1..1	string	Country code
sn	1..1	string	Subscriber number
[C] msisdFax	1..n		List of fax MSISDN
cc	1..1	string	Country code
sn	1..1	string	Subscriber number
validationError	0..n		Collection of validation errors different than unknown line identifiers
linelIdentifiers	1..1		
[C] subscriptionNumber	1..n	string	subscription number
[C] simSerialNumber	1..n	string	serial number
[C] deviceImei	1..n	string	device IMEI
[C] deviceSerialNumber	1..n	string	device serial number
[C] deviceUniqueld	1..n	string	device unique identifier
[C] machineSerialNumber	1..n	string	machine serial number
[C] msisdVoice	1..n		Voice MSISDN
cc	1..1	string	Country code
sn	1..1	string	Subscriber number
[C] msisdData	1..n		Data MSISDN
cc	1..1	string	Country code
sn	1..1	string	Subscriber number
[C] msisdFax	1..n		Fax MSISDN
cc	1..1	string	Country code
sn	1..1	string	Subscriber number
error	1..1	string	validation error message
@code	1..1	string	validation error code associated to the error message

4.3. SOAP faults

4.3.1. MalimaErrorFault

XML element	Card	Type	Description
faultcode	1..1	string	Soap fault code
faultstring	1..1	string	Soap fault error string
MalimaError	1..1		
code	1..1	string	Malima error code
message	1..1	string	Malima error message

faultstring values :

- A Malima Error happened
- Monthly quota reached for this service

Malima code and message values listing :

Code	Message
MLM_UNKNOWN_USER	User <user name> is unknown
MLM_SOAP_HEADER_ERROR	Wrong parameter from IOSW-IAS call :< header fields in error >
CANNOT_CONNECT_TO_DATABASE	Can't access Database
INVALID_INPUT_PARAMETERS	Les paramètres ne sont pas supportés par la version de ce service
UNSUPPORTED_OPTION	Option non supportée par la version de ce service
NOT_IMPLEMENTED_METHOD	La méthode n'est pas supportée sur la version de ce service
MLM_RES_ALREADY_RETR	The result has already been retrieved : <retrieval date>
MLM_QUOTA_EXCEEDED	You have <remaining authorized hit count> calls left in your service quota until the end of the month

4.3.2. tooManyLineIdentifiersErrorFault

XML element	Card	Type	Description
faultcode	1..1	string	Soap fault code
faultstring	1..1	string	Fault error string
TooManyLineIdentifiersError	1..1		
maxAllowedLineIdentifiersNumber	1..1	int	Maximum allowed line identifiers number

faultstring values :

- Too many line identifiers

5. GetRemoveOptionResult

5.1. Request

XML element	Card	Type	Description
getRemoveOptionResultRequest			
ticketNumber	1..1	int	Ticket number

5.2. Response

XML element	Card	Type	Description
getRemoveOptionResultResponse			
globalProcessingStatus	1..1	TicketStatusType	Ticket global processing status
errorCode	0..1	string	The error code that is associated with the ticket
errorMessage	0..1	string	The error message that is associated with the ticket
option	1..1		requested option code service
@codeAlias		string	the code of the option code service [attribute "ofrsc_DYBUZA" in Malima core database's entity "Ofr_services_catalog"]
@label		string	The label of the option code service [attribute "ofrsc_DYEVZE" in Malima core database's entity "Ofr_services_catalog"]. If the label is null in database then this field is initialized with the code of the code service (see above)
statusUpdate	0..n		List of status updates
inputLineIdentifier	1..1		Input line identifiers
[C] subscriptionNumber	1..1	string	Subscription number
[C] simSerialNumber	1..1	string	Sim serial number
[C] deviceImei	1..1	string	Device IMEI
[C] deviceSerialNumber	1..1	string	Device serial number
[C] deviceUniqueld	1..1	string	Device unique id
[C] machineSerialNumber	1..1	string	Machine serial number
[C] msisdnVoice	1..1		Voice MSISDN
cc	1..1	string	Country code
sn	1..1	string	Subscriber number
[C] msisdnData	1..1		Data MSISDN
cc	1..1	string	Country code
sn	1..1	string	Subscriber number
[C] msisdnFax	1..1		Fax MSISDN
cc	1..1	string	Country code
sn	1..1	string	Subscriber number
processingStatus	1..1	TaskStatusType	Processing status
progressMessage	0..1	string	Progress Message
errorCode	0..1	string	-
errorMessage	0..1	string	-
errorDate	0..1	dateTime	Error date/time
updateDate	0..1	dateTime	Status update date
unknownLineIdentifiers	0..1		Collection of line identifiers given to the service that are unknown or do not belong to the Malima user
[C] subscriptionNumber	1..n	string	List of subscription numbers
[C] simSerialNumber	1..n	string	List of SIM serial numbers
[C] deviceImei	1..n	string	List of device IMEI
[C] deviceSerialNumber	1..n	string	List of device serial numbers
[C] deviceUniqueld	1..n	string	List of device unique identifiers
[C] machineSerialNumber	1..n	string	List of machine serial numbers
[C] msisdnVoice	1..n		Voice MSISDN
cc	1..1	string	Country code
sn	1..1	string	Subscriber number
[C] msisdnData	1..n		Data MSISDN
cc	1..1	string	Country code
sn	1..1	string	Subscriber number
[C] msisdnFax	1..n		Fax MSISDN
cc	1..1	string	Country code
sn	1..1	string	Subscriber number

5.3. SOAP faults

5.3.1. MalimaErrorFault

XML element	Card	Type	Description
faultcode	1..1	string	Soap fault code

faultstring	1..1	string	Soap fault error string
MalimaError	1..1		
code	1..1	string	Malima error code
message	1..1	string	Malima error message

- faultstring values :
- A Malima Error happened
 - Monthly quota reached for this service

Malima code and message values listing :

Code	Message
MLM_UNKNOWN_USER	User <user name> is unknown
MLM_SOAP_HEADER_ERROR	Wrong parameter from IOSW-IAS call :< header fields in error >
CANNOT_CONNECT_TO_DATABASE	Can't access Database
INVALID_INPUT_PARAMETERS	Les paramètres ne sont pas supportés par la version de ce service
UNSUPPORTED_OPTION	Option non supportée par la version de ce service
NOT_IMPLEMENTED_METHOD	La méthode n'est pas supportée sur la version de ce service
MLM_RES_ALREADY_RETR	The result has already been retrieved : <retrieval date>
MLM_QUOTA_EXCEEDED	You have <remaining authorized hit count> calls left in your service quota until the end of the month

5.3.2. unknownTicketNumberErrorFault

XML element	Card	Type	Description
faultcode	1..1	string	Soap fault code
faultstring	1..1	string	Fault error string
UnknownTicketNumberError	1..1		
unknownTicketNumber	1..1	int	The unknown ticket number

- faultstring values :
- This ticket does not exist

6. SubmitUpdateOptionParameters

6.1. Request

Not applicable.

6.2. Response

Not applicable.

7. GetUpdateOptionParameters

7.1. Request

Not applicable.

7.2. Response

Not applicable.

8. Possible error codes returned

Code	Message
MLM_INTERNAL_ERROR	Internal Malima error
MLM_TELCO_IS_CONNECTION_ERROR	Impossible de se connecter à DISE (<error details>)
DISE_WS_ERROR	<error message returned by the call to the DISE web service>
REJECTED_REQUEST	La requête a été rejetée par DISE
POSTPONED_ACCEPTED_REQUEST	La requête a été acceptée par DISE à une date différée : <date d'activation>
MLM_DISE_ERROR	<error message returned by the call to the DISE web service>