

Cheese Mobile Subscription

Module Subscription

V 2

Version History

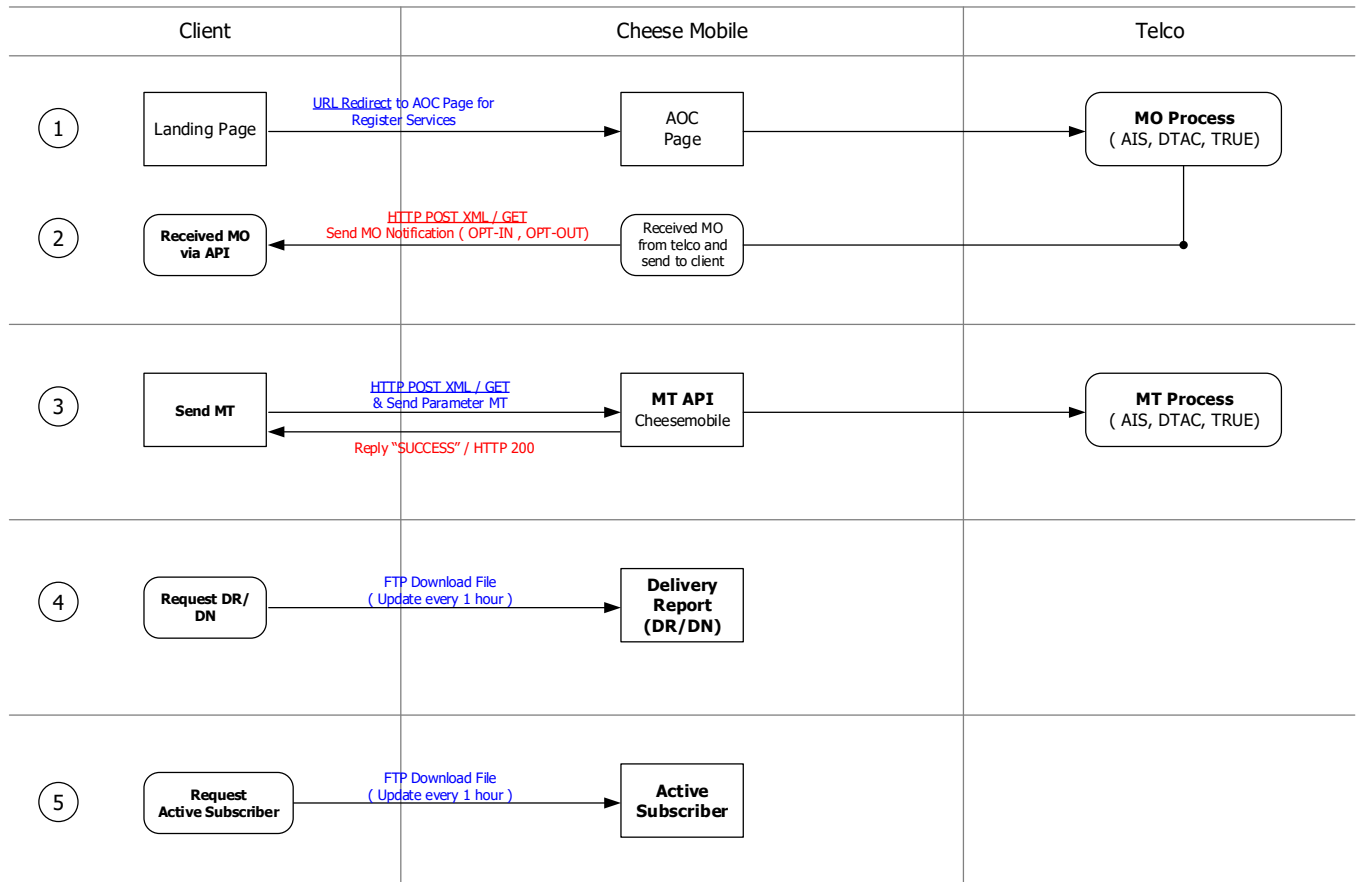
date	version	description
2016-12-22	2.0	Create api document

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1. MO METHODS

1.1 MO API for client

Data Flow Chesemobile Subscription



1.2 MO API description

1.2.1 AIS MO API description

Example data.

http://clientUrl.com?ref=61201000015999095326&msn=669XXXXXX0&svk=4504XXXXX&acs=REG_SUCCESS&chn=SMS&mdt=2016-12-01 00:00:18.227

1.2.2 DTAC MO API description

Example data.

<http://clientUrl.com?ref=200201110426144&svk=4504XXXXX&msn=669XXXXXX0&chn=2.SMS&acs=unregister&mdt=2016-12-01 18:04:29.660>

1.2.3 TRUEH MO API description

Example data.

http://clientUrl.com?ref=routerSMSNode1@PBIMAVGW-SMSP01:14427802693&svk=4504XXXXX&msn=669XXXXXXX0&chn=SMS&acs=REG_SUCCESS&mdt=2016-12-01 00:02:55.366

2. DELIVERY REPORT

2.1 AIS DR Description

Example data.

```
<?xml version="1.0" encoding="utf-8" ?>
<DR>
  <leg>DN</leg>
  <MessageId>ad21262@CPE5:975Qjf73</MessageId>
  <Recipient>669XXXXXXXXX177</Recipient>
  <Sender>4504XXXXX</Sender>
  <MMStatus>Retrieved</MMStatus>
  <StatusCode>1000</StatusCode>
  <StatusText>external:DELIVRD:000</StatusText>
  <NType>3PO</NType>
  <Channel>SMS</Channel>
  <MSISDN>669XXXXXXXXX7</MSISDN>
  <Linkedid>128XXXXXXXXXXXXX125</Linkedid>
  <SSSActionReport>BROADCAST</SSSActionReport>
  <GMessageId>4504XXXXX_20170109070234</GMessageId>
  <UserServiceNo></UserServiceNo>
  <MessageSequenceId>0</MessageSequenceId>
  <Bearer>0</Bearer>
  <BillInfo></BillInfo>
  <ClassofService>600001</ClassofService>
  <vpkgId></vpkgId>
  <Timestamp>07:09:07</Timestamp>
  <CCT>11</CCT>
</DR>
```

2.2 DTAC DR Description

Example data single MSISDN.

```
<?xml version="1.0" encoding="utf-8" ?>
<cpa-dr-reply>
<txid>1612XXXXXXXXX542</txid>
<destination>
  <servicekey>4504XXXXXX</servicekey>
</destination>
<msg msn="669XXXXXXXX0" status="664" timestamp="20161201084835"></msg>
</cpa-dr-reply>
```

Example data multiple MSISDN.

```
<?xml version="1.0" encoding="utf-8" ?>
<cpa-dr-reply>
<txid>1612XXXXXXXXX542</txid>
<destination>
<servicekey>4504XXXXXX</servicekey>
</destination>
<msg msn="669XXXXXXXX0" status="669" timestamp="20170109081214"></msg>
<msg msn="669XXXXXXXX1" status="669" timestamp="20170109081214"></msg>
<msg msn="669XXXXXXXX2" status="669" timestamp="20170109081210"></msg>
<msg msn="669XXXXXXXX3" status="669" timestamp="20170109081210"></msg>
<msg msn="669XXXXXXXX4" status="669" timestamp="20170109081210"></msg>
<msg msn="669XXXXXXXX5" status="669" timestamp="20170109081210"></msg>
<msg msn="669XXXXXXXX6" status="669" timestamp="20170109081210"></msg>
<msg msn="669XXXXXXXX7" status="669" timestamp="20170109081210"></msg>
</cpa-dr-reply>
```

2.3 TRUEH DR Description

Example data.

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<message id="1480XXXXXXXXX1673">
<rsr type="sent_delivered">
  <servicekey>4504XXXXX</servicekey>
  <destination>
    <address>
      <number type="international">66967543899</number>
    </address>
  </destination>
  <source>
    <address>
      <number type="abbreviated">LekMongkol</number>
    </address>
  </source>
  <rsr_detail status="failure">
    <description>Delivery to phone failed</description>
    <code>001</code>
  </rsr_detail>
</rsr>
</message>
```

2.4 DR Status and description

2.4.1 AIS DR description

CODE	DESCRIPTION	ACTION
04360	INTERNAL ERROR	Please contact CPCC for more information.
03304	SENDERNAME_NOT_VALID	Check the "sendername".
03305	ERROR MSG OVER 70 CHAR	Check that the SMS text message is not longer than 53 characters for CCT 89 (Thai language). CCT 89 has default prefix message 17 characters
03306	GET ERROR MSG FAILED	Please do not retry.
03309	DEDUCT_BALANCE_ERROR	Please do not retry.
03310	REFUND_BALANCE_ERROR	Please contact CPCC for more information.
03312	GET_BILLINFO_ERROR	CP can retry one more time in 5 minutes later.

03314	QUERY_CASHTANK_INSUFFICIENT_BALANCE	CP can retry one time next day, not more than 30 days.
03319	INSUFFICEINT_BALANCE_FOR_DEDUCT	CP can retry one time next day, not more than 30 days.
03320	INVALID_ACCOUNT	Check the mobile number with the daily sync subscriber file; if not found then remove the mobile number out of CP's database. If found then contact CPCC.
03321	CUSTOMER_STATUS_NOT_ACTIVE	For recurring; CP can retry one time next day, not more than 30 days. For broadcast; CP can retry later.
03322	NTYPE_NOT_ALLOW	Check whether the value of "NTYPE" is correct and allowed.
03323	GETCOS_FAILED	Please do not retry.
03401	INTERNAL ERROR	Please do not retry.
03402	INTERNAL ERROR	Please do not retry.
03403	INTERNAL ERROR	Please do not retry.
03404	INTERNAL ERROR	Please do not retry.
03405	INTERNAL ERROR	Please do not retry.
03501	DATA ERR:TEXTSMS OVER 3 SMS	Check that the SMS text message is not longer than 3 SMS messages.
03502	DATA ERR:WAPPUSH SMS OVER 3 SMS	Check that the SMS text message is not longer than 3 SMS messages.
03504	INTERNAL ERR:INVALID PACKET ID	Check whether the package id is correct and valid.
03505	INTERNAL ERR:INVALID VPKG_ID	Check whether the package id is correct and valid.
03506	INVALID ERR:INCOMPLETE PARAMETER REG_SUCCESS NO LINKED ID TYPE A OR D	Check whether the LINKID is correct and valid.

03507	INVALID ERR:LINKED_ID_NOT_MATCH	Check whether the LINKID is correct and valid.
03508	INVALID ERR:CANNOT_FOUND_LINKED_ID	Check whether the LINKID is correct and valid.
03699	INTERNAL ERROR	CP can retry one more time in 5 minutes later.
03803	INTERNAL ERR:Mobile not in a white list	Contact AIS technical to add the mobile number into whitelist.
06703	File name not valid	Check whether the filename format is correct and valid. If the filename was incorrect or wrong, resend the correct file name.
06704	Invalid format data	Check the data format and correct it.
06705	SENDER is blank	Check the SENDER information.
06706	INTERNAL ERROR	Check whether the service information is correct.
06707	TYPE is blank	Check and send the correct "TYPE" value.
06708	CCT is blank	Check and send the correct "CCT" value.
06709	Content is blank	Check and send the correct content.
06710	Price is not numeric	Check the value of price, price must be numeric.
06711	Sendername not valid	Correct the value and format of "sendername".
06712	message greater than 3 messages	Check that the SMS text message is not longer than 3 SMS messages.
06713	message type not match	Correct the message type.
06714	cct not match with message type	Correct the CCT value; check whether the CCT value match with the message type.
06715	total invalid subscriber	Check whether the subscriber still a member of the service.
06716	INTERNAL ERROR	Please contact CPCC for more information.
06720	Format header error	Check and send the correct "TYPE", "SENDER", "CCT", "URL", "IP" and "PORT" value.
06721	File size is 0 byte	Check the file size, file size should not be 0 byte (empty file).

06725	CCT is invalid	Check the "CCT" value; CCT value must be correct and valid.
06728	Invalid format filename	Check and send the correct filename format.
06732	File has size more than 4MB	Check file size; the file size should not over 4MB.
06733	File has subscriber more than 10000	Check that the subscriber is not over 10000.
06734	File has content more than 5000	Check that the content message is not over 5000.
06735	service model is not allow	Check whether the service is correct according to SSS service model (TYPE L+).

2.4.2 DTAC DR description

CODE	DEFINITION	DESCRIPTION
4	Success	Operation Success This is mapped to status=4 (Success) from SMSC
400	Bad Request	The server due to malformed Syntax could not understand the request. The client SHOULD NOT repeat the request without modifications. Validation will be: <ul style="list-style-type: none"> - Invalid cpnumber - Invalid serviceno - Invalid sender name - Invalid valid-period data - Message is null - Message type mismatch - Encoding mismatch - Parse Error
401	Unauthorized	The request requires user authentication.
404	Not Found	The server has not found anything matching the Request-URI.
413	Request Entity Too Large	The server is refusing to process a request because the request entity is larger than the server is willing or able to process. The server MAY close the connection to prevent the client from continuing the request.
500	Internal Server Error	The server encountered an unexpected condition which prevented it from fulfilling the request.
601	Reject limit sending	Reject SMS when CP sending over the limit sending.

602	Transaction ID mismatch	Reject the message when CP send the wrong transaction ID
604	Invalid CP Status	The CP status is changed to close or de-active status.
607	Content provider not found	Content provider is currently haven't register on the system.
608	Service not found	Service is currently haven't register on the system .
609	Duplicate TXID	CP sends the duplicate TXID to SDP during specific time.
660	Can't Connect DTAC network	The SMSC/MMSC server is currently unable to handle the request due to a temporary overloading or maintenance of the server. The implication is that this is a temporary condition which will be alleviated after some delay.
661	Mobile not active	The mobile status is not active
663	Maximum MSISDN list limit	The mobile list is more than system limitation.
664	Not DTAC	Check DTAC operator. Replied if cannot find this user in database, or user has been switched off.
665	This mobile is already subscribe	The server check status of mobile is currently registration.
666	Not found mobile in subscription list	The mobile is not registration into subscription database
667	Mobile is in blacklist	The mobile isn't allowed to send or receive the message.
668	Invalid MSISDN format	The mobile isn't correct format. It must be 668xxxxxxx.
669	Balance not enough	balance not enough
670	DTAC Back Office Fail	The CC&B server is currently unable to handle the request due to a temporary Overloading or maintenance of the server. The implication is that this is a temporary condition which will be alleviated after some delay.
671	The External Bundle fail to subscription	When SDP add CRM package and disallow from CRM.
701	Waiting	Response for CP sending a Request DR Status Message to SDP, when SDP is waiting DR from SMSC/MMSC.
702	Expired	Content is unreachable to mobile. This is mapped to status=2(Message expired) and status=8(DR is expired) from SMSC
703	Fail	Unable to submit content caused by network problem, may be invalid content type or wrong syntax.

		This is mapped to status=3(Permanent Failed) from SMSC. This error may be submit error to SMSC or no response message from SMSC
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2.4.3 TREUH DR description (RETURN TYPE Sent Only)

CODE	DESCRIPTION
000	Message acknowledged by SMSC
001	Message rejected by SMSC
002	No MT connection found for short number
003	The recipient has no credit
004	Charged failed
100	Invalid service id from the request.
101	Invalid MSISDN number.
102	The service is not associated to given subscriber.
103	The subscription period to the associated service is already expired
104	Internal Error. Please try later
105	Invalid input format.
106	Undefined Error.
256	Message rejected by SMSC. Note: 256 means PSA + LetGO
257	PSA Connection failed
401	LDAP returns "Record not found"
402	No response from LDAP / No connection to LDAP
501	FIRST_TIME_CALLING
502	BALANCE_HAVE_ LITTLE_MONEY
503	USER_WILL_EXPIRE

504	BALANCE_HAVE_ LITTLE_MONEY and USER_WILL_EXPIRE
505	DIAMETER_COMMAND_UNSUPPORTED
506	DIAMETER_UNABLE_TO_DELIVER
507	DIAMETER_REALM_NOT_SERVED
508	DIAMETER_TOO_BUSY
509	DIAMETER_LOOP_DETECTED
510	DIAMETER_REDIRECT_INDICATION
511	DIAMETER_APPLICATION_UNSUPPORTED
512	DIAMETER_INVALID_HDR_BITS
513	DIAMETER_INVALID_AVP_BITS
514	DIAMETER_UNKNOWN_PEER
515	DIAMETER_AUTHENTICATION_REJECTED
516	DIAMETER_OUT_OF_SPACE
517	ELECTION_LOST
518	DIAMETER_END_USER_SERVICE_DENIED
519	DIAMETER_CREDIT_CONTROL_NOT_APPLICABLE
520	DIAMETER_INSUFFICIENT_BALANCE
521	DIAMETER _INACT_NEGATIVE_BALANCE
522	DIAMETER_INSUFFICIENT_BALANCE_ROAMING
523	DIAMETER _INACT_POSITIVE_BALANCE
524	USER_NEVER_OPEN
525	NEVER_USED
527	USER_MISSING_CLAIM
528	USER_LOCKED
529	USER_ EXPIRED
530	VOICE_SERVICE_STOPED

531	USER_INVALID
532	BLACK_LIST
533	BALANCE_IS_ZERO
534	MEMBER_ACCOUNT_FROZEN
535	MEMBERACCOUNT_REACHED_MONTHLY_LIMIT
536	CALLED_MEMBER_ACCOUNT_FROZEN
537	CALLED_MEMBER_ACCOUNT_REACHED_MONTHLY_LIMIT
538	DIAMETER_DEACT
539	DIAMETER_USER_BLOCKED
540	DIAMETER_USER_BLOCK_ACTIVATION
541	DIAMETER_CALL_DESTINATION_BLOCKED
542	DIAMETER_INVALID_AVP_BIT_COMBO
543	DIAMETER_NO_COMMON_SECURITY
544	DIAMETER_USER_UNKNOWN
545	DIAMETER_RATING_FAILED
546	DIAMETER link down and let go
547	DIAMETER link down and block
548	CONNECTION_TIME_OUT (BS_ACCESS_FAILED)
2xxx	Subscription failed