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History Updated

Version	Author	Description
1.2	Panita Kitithamrong	Added force parameters , Add remain credit , Change template Document
1.3	Panita Kitithamrong	Added meaning of DN/DR , Remove sssss from ScheduledDelivery Parameter
1.4	Panita Kitithamrong	Add Link and Email for Support Customer
1.5	Panita Kitithamrong	Change DR/DN parameters
1.6	Panita Kitithamrong	Add new API for testing
1.7	Panita Charoenpongsuk	Set API for testing now can use with username "thaibulksms" only

1. Submitting Messages

- Standard URL

URL : http://www.thaibulksms.com/sms_api.php (Block IP)

URL for test : http://www.thaibulksms.com/sms_api_test.php (Don't Block IP)

- SSL URL

URL : https://secure.thaibulksms.com/sms_api.php (Block IP)

URL for test : https://secure.thaibulksms.com/sms_api_test.php (Don't Block IP)



-

Verisign is the SSL Certificate provider of choice for over 95% of the Fortune 500 and the world's 40 largest banks. They trust VeriSign because of our encryption technology and rigorous business authentication practices. When you protect your site with Secure Site Pro with EV SSL Certificates and display the VeriSign Secured Seal, your customers know that their transactions are secure and your site can be trusted

- Method

GET/POST

- Access Policy

- By Username & Password
- By Fixed Remote IP Address (on request)

2. Security

- ✓ Secure Socket Layer (SSL) – 256Bit by VeriSign.
- ✓ In case of the user was failed to log-in over 5 times, the user IP Address will be suspended for 1 day.

"For API testing, please use our provided URL only"

Using this URL, your IP address will not be blocked though the wrong data was sent.

3. Send

3.1 Parameters Specifications

Variable	Type	Description
username	STRING(30)	User Account
password	STRING(30)	User Password
msisdn	LONGTEXT	Destination Phone Number (08xxxxxxxx) and multiple number by using comma (,) Ex. 08xxxxxxxx,08yyyyyyyyy
message	LONGTEXT	SMS Message able to send long text and system will split it to each SMS encoding UTF-8, TIS-620 only
sender	STRING(10)	sender name has allowed
ScheduledDelivery	STRING(15)	format YYMMDDhhmm
force	Standard/premium	Used for force SMS type

3.2 HTTP POST / GET Commands

- Standard

```
username=demo&  
password=demo&  
msisdn=0812345678&  
message=test&  
sender=SMS&  
ScheduledDelivery=0901010101&  
force=standard
```

- Premium

```
username=demo&  
password=demo&  
msisdn=0812345678&  
message=test&  
sender=SMS&  
ScheduledDelivery=0901010101&  
force=premium
```

3.3 Examples (URL) for test

- Username / password for testing

```
Username = thaibulksms
Password = thisispassword
Mark : For testing the API, please use only test account with username
"thaibulksms".
```

- Add only URL don't send any parameter

```
URL : http://thaibulksms.com/sms\_api\_test.php
XML Return :
<SMS>
  <Status>0</Status>
  <Detail>
    Unable Authentication, No username provided.
  </Detail>
</SMS>
```

- Add wrong username or password

```
URL : http://thaibulksms.com/sms\_api\_test.php?username=xxx
&password=thisispassword&msisdn=0123456789&message=test
XML Return :
<SMS>
  <Status>0</Status>
  <Detail>Unable Authentication, Ref #2</Detail>
</SMS>
```

- Don't send msisdn parameter

```
URL :
http://thaibulksms.com/sms\_api\_test.php?username=thaibulksms
&password=thisispassword&message=test
XML Return :
<SMS>
  <Msisdn></Msisdn>
  <Status>0</Status>
  <Detail>Invalid Phone Number</Detail>
</SMS>
```


- Don't send message parameter

```
URL :  
http://thaibulksms.com/sms\_api\_test.php?username=thaibulksms  
&password=thisispassword&msisdn=0123456789  
  
XML Return :  
<SMS>  
  <Status>0</Status>  
  <Detail>Message Error, No message provided.</Detail>  
</SMS>
```

- Phonebook Group for testing

```
Phonebook Group = TestGroup
```

- Send phonebook group in msisdn parameter

```
URL : ( Correct phonebook group name )  
http://thaibulksms.com/sms\_api\_test.php?username=thaibulksms  
&password=thisispassword&msisdn=0123456789,TestGroup&message=test  
  
XML Return :  
<QUEUE>  
  <Msisdn>0123456789</Msisdn>  
  <Status>1</Status>  
  <Transaction>1f9b59e6881841eb850dd42a939db4de</Transaction>  
  <UsedCredit>1</UsedCredit>  
  <RemainCredit>1000</RemainCredit>  
</QUEUE>  
<QUEUE>  
  .  
  .  
</QUEUE>  
  
URL : ( Incorrect phonebook group name )  
http://thaibulksms.com/sms\_api\_test.php?username=thaibulksms  
&password=thisispassword&msisdn=Group&message=test  
  
XML Return :  
<QUEUE>  
  <Msisdn></Msisdn>  
  <Status>0</Status>  
  <Detail>Invalid Phone Number</Detail>  
</QUEUE>
```

- How to test : user have been Block (Set message parameter = TestBlockIP)

URL :
[http://thaibulksms.com/sms_api_test.php?username=thaibulksms
&password=thisispassword&msisdn=0123456789&message=TestBlockIP](http://thaibulksms.com/sms_api_test.php?username=thaibulksms&password=thisispassword&msisdn=0123456789&message=TestBlockIP)

XML Return :
<SMS>
 <Status>0</Status>
 <Detail>
 Unable Authentication, Your IP Address has been blocked.
 </Detail>
</SMS>

- Add wrong sender parameter (Correct sender is TestSender)

URL :
[http://thaibulksms.com/sms_api_test.php?username=thaibulksms
&password=thisispassword&msisdn=012345678&message=test&sender=Test](http://thaibulksms.com/sms_api_test.php?username=thaibulksms&password=thisispassword&msisdn=012345678&message=test&sender=Test)

XML Return :
<SMS>
 <Status>0</Status>
 <Detail>Invalid Sender.</Detail>
</SMS>

- How to Test : No Credit (Set message parameter = TestNoCredit)

URL :
[http://thaibulksms.com/sms_api_test.php?username=thaibulksms
&password=thisispassword&msisdn=08123456789,TestGroup&message=TestNoCredit](http://thaibulksms.com/sms_api_test.php?username=thaibulksms&password=thisispassword&msisdn=08123456789,TestGroup&message=TestNoCredit)

XML Return :
<QUEUE>
 <Msisdn>0123456789</Msisdn>
 <Status>0</Status>
 <Detail>No Credit</Detail>
</QUEUE>

- How to test : Internal Error (Set message parameter = TestInternalError)

```

URL :
http://thaibulksms.com/sms\_api\_test.php?username=thaibulksms
&password=thisispassword&msisdn=08123456789,TestGroup&message=TestInternalError

XML Return :
<QUEUE>
  <Msisdn>0123456789</Msisdn>
  <Status>0</Status>
  <Detail>Internal Error Ref #3</Detail>
</QUEUE>

```

4 Return values

4.1 Parameters Specifications

Variable	Type	Description
status	0,1	0 = Fail, 1 = OK
detail	LONGTEXT	Description when fail
msisdn	STRING(10)	Destination Phone Number (08xxxxxxxx)
transaction	STRING(35)	Transaction each destination
UsedCredit	INTEGER	Used credit
RemainCredit	INTEGER	Your account remain credit

4.2 Return XML

Status Type	XML
0 = Fail	<pre><SMS> <Status>0</Status> <Detail>Login Fail</Detail> </SMS></pre>
1 = OK	<pre><SMS> <QUEUE> <Msisdn>08xxxxxxxx</Msisdn> <Status>1</Status> <Transaction>xxxxxxxxxxxxxxxx</Transaction> <UsedCredit>xxx</UsedCredit> <RemainCredit>xxx</RemainCredit> </QUEUE> <QUEUE> . . (If you sending multiple phone number) . </QUEUE> </SMS></pre>

5 Check credit balance

5.1 Standard POST/GET to

URL :

http://www.thaibulksms.com/sms_api.php?username=username&password=password&tag=credit_remain

URL for test : (Remain 100 Credit)

http://www.thaibulksms.com/sms_api_test.php?username=thaibulksms&password=thisispassword&tag=credit_remain

5.2 Premium POST/GET to

URL :

http://www.thaibulksms.com/sms_api.php?username=username&password=password&tag=credit_remain_premium

URL for test : (Remain 1,000 Credit)

http://www.thaibulksms.com/sms_api_test.php?username=thaibulksms&password=thisispassword&tag=credit_remain_premium

5.3 SSL POST/GET to

URL :

https://secure.thaibulksms.com/sms_api.php?username=username&password=password&tag=credit_remain

https://secure.thaibulksms.com/sms_api.php?username=username&password=password&tag=credit_remain_premium

URL for test : (Standard 100 Credit , Premium 1,000 Credit)

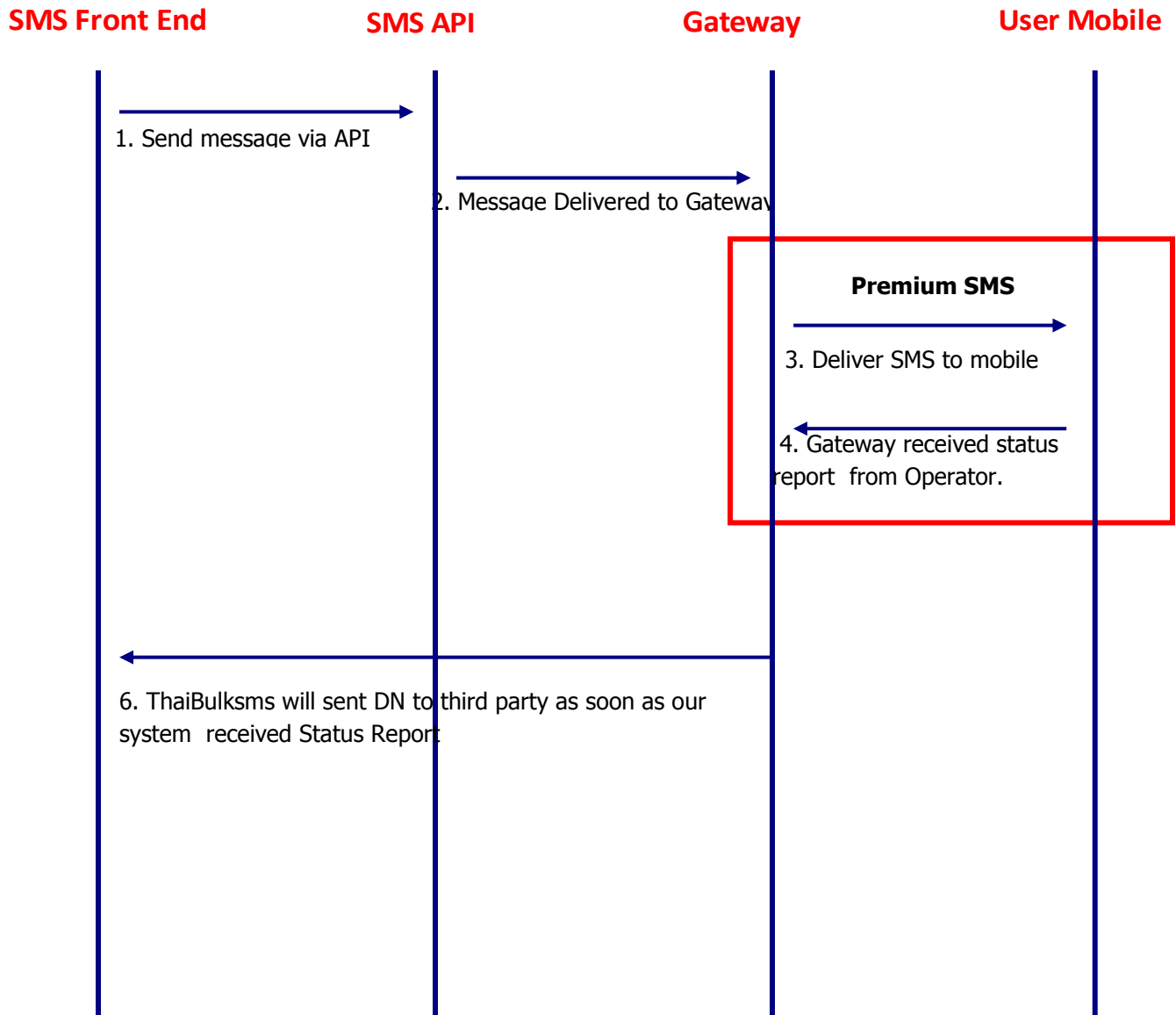
https://secure.thaibulksms.com/sms_api_test.php?username=thaibulksms&password=thisispassword&tag=credit_remain

https://secure.thaibulksms.com/sms_api_test.php?username=thaibulksms&password=thisispassword&tag=credit_remain_premium

6 Delivery Report

- To be able to received Delivery report you will need to setup the Delivery Report URL by send email to contact@thaibulksms.com

6.1 Delivery Report Flow



6.2 Type of Delivery Report

- **Standard SMS** Cannot request DR/DN report.
- **Premium SMS** Delivery Report can be tracked , The message was successfully delivered to recipient. Otherwise credit will be refund to your account.

6.3 Format of Delivery Report

```
http://your_url/?Transaction={transaction_id}&Status={status}&Time={time}
```

6.4 Parameters Specifications

Variables	Meaning
Transaction	Returned Transaction ID
Status	Detail of status
Time	unixtimestamp

6.5 Detail

DN / DR	Meaning
Delivered	The message was successfully delivered to recipient
Fail (Gateway)	The message could not be delivered, Please try again
Fail (Mobile)	The message could not be delivered from below reason. <ul style="list-style-type: none">- Memory Full- Absent subscriber- Invalid/Incorrent recipient
User Blacklist	Destination number has been mark as Blacklist.
Operator Blacklist	Destination number has been mark as AntiSpam from Operator.
Sent (Waiting for DR)	Waiting for Delivery Report from Operator.

7 Example code

7.1 PHP

```
$url = "http://www.thaibulksms.com/sms_api.php";
```

```
$data_string =  
"username=$username&password=$password&  
msisdn=$msisdn&message=$message&sender=$sender&  
ScheduledDelivery=$ScheduledDelivery&force=$SMStype";
```

```
$agent = "Mozilla/5.0 (Windows; U; Windows NT 5.0; en-US; rv:1.4)  
Gecko/20030624 Netscape/7.1 (ax)";
```

```
$ch = curl_init();  
curl_setopt($ch, CURLOPT_URL, $url);  
curl_setopt($ch, CURLOPT_USERAGENT, $agent);  
curl_setopt($ch, CURLOPT_RETURNTRANSFER, 1);  
curl_setopt($ch, CURLOPT_POSTFIELDS, $data_string);  
curl_setopt($ch, CURLOPT_CONNECTTIMEOUT, 15);  
$result = curl_exec ($ch);  
curl_close ($ch);
```


7.3 Example Source Code can download with URL :

https://secure.thaibulksms.com/support/index.php?_m=downloads&_a=view

Example Code

1. PHP
2. VB.NET
3. ASP
4. ActionScript
5. C#.NET
6. C++.NET
7. JavaScript
8. Python
9. Objective C
10. C

8. Contact

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