

SMS HTTP API Documentation

Version 7.3



Get things done.

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Introduction

This document is dedicated for users who wish to use Exetel Pty Ltd's gateway for sending SMS messages. This gateway can be accessed by HTTP protocol by submitting values to the HTTP API Server by the POST method.

Exetel Pty Ltd's gateway can be used to send simple text messages.

This document gives a detailed explanation of using the gateway through HTTP protocol.

API Functionality Overview

The Exetel gateway allows the following functions;

Single SMS

Allows an SMS message to be sent to a single destination mobile number.

Bulk SMS

Allows an SMS message to be sent to multiple destination mobile numbers.

Single Scheduled SMS

Allows single SMS message to be sent at a scheduled date and time. The scheduled time is according to Australian Eastern Standard Time (AEST)

Bulk Scheduled SMS

Allows the same SMS message to be sent to multiple recipients at a scheduled date and time. The scheduled time is according to Australian Eastern Standard Time (AEST)

Modify Scheduled SMS

Allows the modification of the scheduled date and time of a previously sent SMS message.

Delete Scheduled SMS

Allows the deletion of a previously scheduled SMS message.

Enquire All Pending Scheduled SMS

Allows the return of all currently scheduled SMS messages that have not been sent.

Enquire All Sent Scheduled SMS

Allows the return of all previously scheduled SMS messages that have been sent.

Enquire Single Scheduled SMS

Allows the query of a single specific scheduled SMS message.

Single WAP SMS

Allows a single WAP SMS message to be sent. WAP SMS sends a URL to the destination mobile number to download the content stored within the URL.

Pre-paid Credit Check

Allows pre-paid ONLY customers to retrieve the remaining credit amount within their account.

SMS Retrieval

Allows previously sent SMS messages details such as delivery status to be retrieved.

Virtual Mobile Number Inbox Retrieval

Allows SMS message sent to a Virtual Mobile Number to be retrieved.

Virtual Mobile Number SMS Deletion

Allows a SMS message stored within a Virtual Mobile Number to be deleted.

Function Description and Definitions

The following section defines and describes the input and output parameters that are required for each SMS API function. Unless specified, each listed input parameter is mandatory when making a request to the SMS API.

Each function shall return a response indicating the outcome of the provided request. Individual values are separated by the “|” character. Multiple responses are separated by a newline.

Please also note that due to restrictions in the HTTP protocol format, special HTTP reserved characters must be encoded to be interpreted correctly. Please see Appendix A for a list of HTTP character encoding.

Single SMS

Input Parameters

| Parameter Name | Parameter Description | Example |
|----------------------------|--|---|
| username | Username chosen during API access registration. | - username |
| password | Password chosen during API access registration. | - password |
| sender | The name or number of the SMS sender that will appear on the destination mobile handset. Restricted to 11 alphanumeric characters or 15 numerical characters. | - 04xxxxxxxx - 614xxxxxxxx - John |
| mobilenumber | The destination mobile number. Can only be a maximum of 15 numerical characters. International (non-Australian) mobile numbers must contain the country code. | - 04xxxxxxxx - 614xxxxxxxx |
| message | The message text to be sent to the destination mobile number. Can be a maximum size of 612 characters. Messages greater than 160 characters will appear as a single message on the destination handset. | Hello, this is a test message. |
| messagetype | Messages can be either "Text" or "Unicode" types. Unicode type messages are used for messages containing text other than English. | - Text - Unicode |
| referencenumber (optional) | A unique identifier that can be attached to each message. Can be a maximum of 50 alphanumeric characters | - 12345 - Xref1 |

Single SMS Sending Example Request:

https://msgw.exetel.com.au/sendsms/api_sms.php?username=xxxxxxx&password=xxxxxxx&mobilenumber=xxxxxxx&message=xxxxxxx&sender=xxxxxxx&messagetype=Text&referencenumber=xxxxxx

Output Parameters

| Parameter Name | Parameter Description | Example |
|------------------|---|-------------------------------|
| Status | The outcome descriptor of the SMS message request. 0: SMS Request Rejected 1: Sent 2: Failed | - 0 - 1 - 2 |
| Mobile Number | The destination mobile number provided | - 04xxxxxxxx - 614xxxxxxxx |
| Reference Number | The previously provided unique identified attached. | - 12345 - Xref1 |
| Exetel ID | A unique identification number assigned to each message by Exetel | - 123 |
| Exetel Notes | Additional details regarding the request. | |
| | Possible descriptions: <ul style="list-style-type: none"> - Sent - Incorrect login name and/or password - Insufficient Credit Amount - Invalid Customer Reference - Invalid Message Type - Invalid Message - Invalid Mobile Number List - Invalid Sender | |

Single SMS Example Return Response:

```
1|0400000000|123|1|Sent
2|9878987888|123||Failed
0|0400000000|123||Invalid Sender
```

Bulk SMS Sending

Input Parameters

| Parameter Name | Parameter Description | Example |
|----------------------------|--|--|
| username | Username chosen during API access registration. | - username |
| password | Password chosen during API access registration. | - password |
| sender | The name or number of the SMS sender that will appear on the destination mobile handset. Restricted to 11 alphanumeric characters or 15 numerical characters. | - 04xxxxxxxx - 614xxxxxxxx - John |
| mobilenumber | The destination mobile numbers. Each mobile number can only be a maximum of 15 numerical characters. International (non-Australian) mobile numbers must contain the country code. Multiple mobile numbers can be supplied by separating each mobile number by a comma “,” A maximum of 5000 mobile number can be supplied. | - 04xxxxxxxx, 614xxxxxxxx , 04xxxxxxxx |
| message | The message text to be sent to the destination mobile number. Can be a maximum size of 612 characters. Messages greater than 160 characters will appear as a single message on the destination handset. | Hello, this is a test message. |
| messagetype | Messages can be either “Text” or “Unicode” types. Unicode type messages are used for messages containing text other than English. | - Text - Unicode |
| referencenumber (optional) | A unique identifier that can be attached to each message. Can be a maximum of 50 alphanumeric characters | - 12345 - Xref1 |

Bulk SMS Sending Example Request:

https://msgw.exetel.com.au/sendsms/api_sms.php?username=xxxxxxx&password=xxxxxxx&mobilenumber=xxxxxxx,xxxxxxx,xxxxxxx&message=xxxxxxx&sender=xxxxxxx&messagetype=Text&referencenumber=xxxxxxx

Output Parameters

| Parameter Name | Parameter Description | Example |
|------------------|---|-------------------------------|
| Status | The outcome descriptor of the SMS message request. 0: SMS Request Rejected 1: Sent 2: Failed | - 0 - 1 - 2 |
| Mobile Number | The destination mobile number provided | - 04xxxxxxxx - 614xxxxxxxx |
| Reference Number | The previously provided unique identified attached. | - 12345 - Xref1 |
| Exetel ID | A unique identification number assigned to each message by Exetel | |
| Exetel Notes | Additional details regarding the request. | |
| | Possible descriptions: <ul style="list-style-type: none"> - Sent - Incorrect login name and/or password - Insufficient Credit Amount - Invalid Customer Reference - Invalid Message Type - Invalid Message - Invalid Mobile Number List - Invalid Sender | |

Bulk SMS Sending Example Return Response:

```
1|0400000000|123|1|Sent
2|9878987888|123||Failed
0|0200000000,ABC,9878987888|123||Invalid mobile number list
```

Single Scheduled SMS Sending

Input Parameters

| Parameter Name | Parameter Description | Example |
|----------------------------|---|--|
| username | Username chosen during API access registration. | - username |
| password | Password chosen during API access registration. | - password |
| sender | The name or number of the SMS sender that will appear on the destination mobile handset. Restricted to 11 alphanumeric characters or 15 numerical characters. | - 04xxxxxxxxx - 614xxxxxxxx - John |
| mobilenumber | The destination mobile numbers. Each mobile number can only be a maximum of 15 numerical characters. International (non-Australian) mobile numbers must contain the country code. | - 04xxxxxxxxx - 614xxxxxxxx |
| message | The message text to be sent to the destination mobile number. Can be a maximum size of 612 characters. Messages greater than 160 characters will appear as a single message on the destination handset. | Hello, this is a test message. |
| messagetype | Messages can be either "Text" or "Unicode" types. Unicode type messages are used for messages containing text other than English. | - Text - Unicode |
| referencenumber (optional) | A unique identifier that can be attached to each message. Can be a maximum of 50 alphanumeric characters | - 12345 - Xref1 |
| requesttype | The type of schedule request that is to be performed. Must be set to "ADD" for new scheduled messages | - ADD |
| scheduledday | The day of the month to deliver the scheduled message. The value must be between 01 and 31. | - 01 - 31 |

| | | |
|-----------------|---|----------------------|
| scheduledmonth | The month to deliver the scheduled message. The value must be between 01 and 12. Please note that an SMS message can only be scheduled 3 months in advance. | - 01 - 12 |
| scheduledyear | The year to deliver the scheduled message. | - 2008 - 2009 |
| scheduledhour | The hour to deliver the scheduled message. The value must be between 00 and 23. Time must be expressed in 24 hour time | - 00 - 12 - 23 |
| scheduledminute | The minute to deliver the scheduled message. The value must be between 00 and 59. | - 00 - 31 - 59 |

Scheduled SMS Sending Example Request:

```
https://msgw.exetel.com.au/sendsms/api_sms_schedule.php?username=xxxxxxx&password=xxxxxxx&mobilenumber=xxxxxxx&message=xxxxxxx&sender=xxxxxxx&messagetype=Text&referencenumber=xxxxxx&requesttype=ADD&scheduledday=01&scheduledmonth=01&scheduledyear=2008&scheduledhour=06&scheduledminute=00
```

Output Parameters

| Parameter Name | Parameter Description | Example |
|------------------|---|------------------------------------|
| Status | The outcome descriptor of the SMS message request. 0: SMS Request Rejected 1: Sent 2: Failed | - 0 - 1 - 2 |
| Mobile Number | The destination mobile number provided | - 04xxxxxxxx - 614xxxxxxxx x |
| Reference Number | The previously provided unique identified attached. | - 12345 - Xref1 |
| Exetel ID | A unique identification number assigned to each message by Exetel | |
| Exetel Notes | Additional details regarding the request. | |
| | Possible descriptions: <ul style="list-style-type: none"> - OK - Incorrect login name and/or password - Insufficient Credit Amount - Invalid Customer Reference - Invalid Message Type - Invalid Message - Invalid Mobile Number List - Invalid Sender - Incomplete or Empty Scheduled Date/Time - Invalid Schedule Date/Time - Schedule Date/Time has passed - Scheduled Date/Time is to far ahead. The Date/Time can only <ul style="list-style-type: none"> - be three months ahead - Too many days in the selected month | |

Single Scheduled SMS Sending Example Return Response:

```
1|0400000000|123|1|OK
2|9878987888|123||Failed
0|0200000000,ABC,9878987888|123||Invalid mobile number list
```

Bulk Scheduled SMS Sending

Input Parameters

| Parameter Name | Parameter Description | Example |
|----------------------------|--|---|
| username | Username chosen during API access registration. | - username |
| password | Password chosen during API access registration. | - password |
| sender | The name or number of the SMS sender that will appear on the destination mobile handset. Restricted to 11 alphanumeric characters or 15 numerical characters. | - 04xxxxxxxx - 614xxxxxxxx - John |
| mobilenumber | The destination mobile numbers. Each mobile number can only be a maximum of 15 numerical characters. International (non-Australian) mobile numbers must contain the country code. Multiple mobile numbers can be supplied by separating each mobile number by a comma "," A maximum of 5000 mobile number can be supplied. | 04xxxxxxxx,614xxxxx xxx,04xxxxxxxx |
| message | The message text to be sent to the destination mobile number. Can be a maximum size of 612 characters. Messages greater than 160 characters will appear as a single message on the destination handset. | Hello, this is a test message. |
| messagetype | Messages can be either "Text" or "Unicode" types. Unicode type messages are used for messages containing text other than English. | - Text - Unicode |
| referencenumber (optional) | A unique identifier that can be attached to each message. Can be a maximum of 50 alphanumeric characters. | - 12345 - Xref1 |
| requesttype | The type of schedule request that is too be performed. Must be set to "ADD" for new scheduled messages. | - ADD |
| scheduledday | The day of the month to deliver the scheduled message. The value must be between 01 and 31. | - 01 - 31 |

| | | |
|-----------------|---|----------------------|
| scheduledmonth | The month to deliver the scheduled message. The value must be between 01 and 12. Please note that an SMS message can only be scheduled 3 months in advance. | - 01 - 12 |
| scheduledyear | The year to deliver the scheduled message. | - 2008 - 2009 |
| scheduledhour | The hour to deliver the scheduled message. The value must be between 00 and 23. Time must be expressed in 24 hour time. | - 00 - 12 - 23 |
| scheduledminute | The minute to deliver the scheduled message. The value must be between 00 and 59. | - 00 - 31 - 59 |

Bulk Scheduled SMS Sending Example Request:

https://msgw.exetel.com.au/sendsms/api_sms_schedule.php?username=xxxxxxx&password=xxxxxxx&mobilenumber=xxxxxxx&message=xxxxxxx&sender=xxxxxxx&messagetype=Text&referencenumber=xxxxxx&requesttype=ADD&scheduledday=01&scheduledmonth=01&scheduledyear=2008&scheduledhour=06&scheduledminute=00

Output Parameters

| Parameter Name | Parameter Description | Example |
|------------------|---|------------------------------------|
| Status | The outcome descriptor of the SMS message request. 0: SMS Request Rejected 1: Scheduled 2: Failed | - 0 - 1 - 2 |
| Mobile Number | The destination mobile number provided. | - 04xxxxxxxx - 614xxxxxxxx x |
| Reference Number | The previously provided unique identified attached. | - 12345 - Xref1 |
| Schedule ID | A unique identification number assigned to each scheduled message by Exetel. | |
| Exetel Notes | Additional details regarding the request. | |
| | Possible descriptions: <ul style="list-style-type: none"> - OK - Incorrect login name and/or password - Invalid Customer Reference - Invalid Message Type - Invalid Message - Invalid Mobile Number List - Invalid Sender - Incomplete or Empty Scheduled Date/Time - Invalid Schedule Date/Time - Schedule Date/Time has passed - Scheduled Date/Time is to far ahead. The Date/Time can only be three months ahead - Too many days in the selected month | |

Bulk Scheduled SMS Sending Example Return Response:

```
1|0400000000|123|1|OK
2|9878987888|123||Failed
0|0200000000,ABC,9878987888|123||Invalid mobile number list
```

Modify Scheduled Message

Input Parameters

| Parameter Name | Parameter Description | Example |
|-----------------|---|----------------------|
| username | Username chosen during API access registration. | - username |
| password | Password chosen during API access registration. | - password |
| scheduleid | The unique identification number assigned by Exetel to the scheduled message. | - 123 |
| requesttype | The type of schedule request that is too be performed. Must be set to "MODIFY" to modify existing scheduled messages. | - MODIFY |
| scheduledday | The day of the month to deliver the scheduled message. The value must be between 01 and 31. | - 01 - 31 |
| scheduledmonth | The month to deliver the scheduled message. The value must be between 01 and 12. Please note that an SMS message can only be scheduled 3 months in advance. | - 01 - 12 |
| scheduledyear | The year to deliver the scheduled message. | - 2008 - 2009 |
| scheduledhour | The hour to deliver the scheduled message. The value must be between 00 and 23. Time must be expressed in 24 hour time. | - 00 - 12 - 23 |
| scheduledminute | The minute to deliver the scheduled message. The value must be between 00 and 59. | - 00 - 31 - 59 |

Modify Scheduled SMS Example Request:

https://msgw.exetel.com.au/sendsms/api_sms_schedule.php?username=xxxxxxx&password=xxxxxxx&scheduleid=123&requesttype=MODIFY&scheduledday=01&scheduledmonth=01&scheduledyear=2008&scheduledhour=06&scheduledminute=00

Output Parameters

| Parameter Name | Parameter Description | Example |
|-----------------------|--|-------------------|
| Status | The outcome descriptor of the SMS message request. 0: SMS Request Rejected 1: OK 2: Failed | - 0 - 1 - 2 |
| Exetel Notes | Additional details regarding the request. | |
| | Possible descriptions: <ul style="list-style-type: none">- OK- Incorrect login name and/or password- Incomplete or Empty Scheduled Date/Time- Invalid Schedule Date/Time- Schedule Date/Time has passed- Scheduled Date/Time is to far ahead. The Date/Time can only be three months ahead- Too many days in the selected month- Message has already been sent.- No message found unable to modify | |

Modify Scheduled SMS Example Return Response:

1|OK
2|No message found unable to modify
0|Invalid Schedule Date/Time

Delete Scheduled SMS

Input Parameters

| Parameter Name | Parameter Description | Example |
|-----------------------|--|----------------|
| username | Username chosen during API access registration. | - username |
| password | Password chosen during API access registration. | - password |
| scheduleid | The unique identification number assigned by Exetel to the scheduled message. | - 123 |
| requesttype | The type of schedule request that is to be performed. Must be set to "DELETE" to delete existing scheduled messages. | - DELETE |

Delete Scheduled SMS Example Request:

https://msgw.exetel.com.au/sendsms/api_sms_schedule.php?username=xxxxxxx&password=xxxxxxx&scheduleid=123&requesttype=DELETE

Output Parameters

| Parameter Name | Parameter Description | Example |
|-----------------------|---|-------------------|
| Status | The outcome descriptor of the SMS message request. 0: SMS Request Rejected 1: OK 2: Failed | - 0 - 1 - 2 |
| Exetel Notes | Additional details regarding the request. | |
| | Possible descriptions: <ul style="list-style-type: none"> - OK - Incorrect login name and/or password - Message could not be deleted, please try again - Message has already been sent. - No message found unable to delete. | |

Delete Scheduled SMS Example Return Response:

```

0|Invalid Schedule Date/Time
1|OK
2|No message found unable to delete
    
```

Enquire All Pending Scheduled Messages

Input Parameters

| Parameter Name | Parameter Description | Example |
|-----------------------|---|-------------------|
| username | Username chosen during API access registration. | - username |
| password | Password chosen during API access registration. | - password |
| requesttype | The type of schedule request that is too be performed. Must be set to "ENQUIRE_PENDING" to view all pending messages. | - ENQUIRE_PENDING |

Enquire All Pending Scheduled Messages Example Request:

https://msgw.exetel.com.au/sendsms/api_sms_schedule.php?username=xxxxxxx&password=xxxxxxx&requesttype=ENQUIRE_PENDING

Output Parameters

| Parameter Name | Parameter Description | Example |
|---------------------------|--|-------------------------------|
| Status | The outcome descriptor of the SMS message request. 0: SMS Request Rejected 1: OK 2: No Results | - 0 - 1 - 2 |
| Schedule ID | The ID returned when making an SMS schedule message request. | - 123 |
| Sender Name/Number | The name or number of the SMS sender that will appear on the destination mobile handset. | - 04xxxxxxxx - John |
| Destination Mobile Number | The destination mobile number. | - 04xxxxxxxx - 614xxxxxxxx |
| Message | The message text to be sent to the destination mobile number. | - Test |
| Received Time (AEST) | The time when the schedule request was made. | - 2008-01-19 10:30:00 |
| Scheduled Time (AEST) | The scheduled time that the message was to be delivered | - 2008-01-20 14:23:00 |
| Exetel Notes | Additional details regarding the request. | |
| | Possible descriptions: - OK - Incorrect login name and/or password - There are currently no pending scheduled messages. | |

Enquire All Pending Scheduled SMS Example Return Response:

```
0|||||Incorrect login name and/or password
1|123|0400000000|0400000000|Test| 2008-01-19 10:30:00| 2008-01-20
14:23:00|OK
2|||||There are currently no pending scheduled messages.
```

Enquire All Sent Scheduled Messages

Input Parameters

| Parameter Name | Parameter Description | Example |
|-----------------------|---|----------------|
| username | Username chosen during API access registration. | - username |
| password | Password chosen during API access registration. | - password |
| requesttype | The type of schedule request that is too be performed. Must be set to "ENQUIRE_SENT" to view all sent messages. | - ENQUIRE_SENT |

Enquire All Sent Scheduled Messages Example Request:

https://msgw.exetel.com.au/sendsms/api_sms_schedule.php?username=xxxxxxx&password=xxxxxxx&requesttype=ENQUIRE_SENT

Output Parameters

| Parameter Name | Parameter Description | Example |
|---------------------------|--|-------------------------------|
| Status | The outcome descriptor of the SMS message request. 0: SMS Request Rejected 1: OK 2: No Results | - 0 - 1 - 2 |
| Schedule ID | The ID returned when making an SMS schedule message request. | - 123 |
| Sender Name/Number | The name or number of the SMS sender that will appear on the destination mobile handset. | - 04xxxxxxxx - John |
| Destination Mobile Number | The destination mobile number. | - 04xxxxxxxx - 614xxxxxxxx |
| Message | The message text to be sent to the destination mobile number. | - Test |
| Received Time (AEST) | The time when the schedule request was made. | 2008-01-19 10:30:00 |
| Scheduled Time (AEST) | The scheduled time that the message was to be delivered. | 2008-01-20 14:23:00 |
| Sent Time (AEST) | The actual delivery time of the message. | 2008-01-20 14:23:00 |
| Exetel ID | A unique identification number assigned to each message by Exetel. To be used when making message delivery query. | 4956 |
| Exetel Notes | Additional details regarding the request. | |
| | Possible descriptions: - OK - Incorrect login name and/or password. - There are currently no sent scheduled messages. | |

Enquire All Sent Scheduled SMS Example Return Response:

```
0|00000000|Incorrect login name and/or password
1|123|0400000000|0400000000|Test|2008-01-1910:30:00|2008-01-2014:23:00|2008-01-2014:23:00|4956|OK
```

2|||||||There are currently no sent scheduled messages.

Enquire Single Scheduled SMS

Input Parameters

| Parameter Name | Parameter Description | Example |
|----------------|--|----------------|
| username | Username chosen during API access registration. | - username |
| password | Password chosen during API access registration. | - password |
| scheduleid | The unique identification number assigned by Exetel to the scheduled message. | - 123 |
| requesttype | The type of schedule request that is to be performed. Must be set to "ENQUIRE_SENT" to view all sent messages. | - ENQUIRE_SENT |

Enquire Single Scheduled Message Example Request:

https://smsgw.exetel.com.au/sendsms/api_sms_schedule.php?username=xxxxxxx&password=xxxxxxx&requesttype=ENQUIRE_SINGLE

Output Parameters

| Parameter Name | Parameter Description | Example |
|---------------------------|--|-------------------------------|
| Status | The outcome descriptor of the SMS message request. 0: SMS Request Rejected 1: OK 2: No Results | - 0 - 1 - 2 |
| Schedule ID | The ID returned when making an SMS schedule message request. | - 123 |
| Sender Name/Number | The name or number of the SMS sender that will appear on the destination mobile handset. | - 04xxxxxxxx - John |
| Destination Mobile Number | The destination mobile number. | - 04xxxxxxxx - 614xxxxxxxx |
| Message | The message text to be sent to the destination mobile number. | - Test |
| Received Time (AEST) | The time when the schedule request was made. | 2008-01-19 10:30:00 |
| Scheduled Time (AEST) | The scheduled time that the message was to be delivered. | 2008-01-20 14:23:00 |
| Sent Time (AEST) | The actual delivery time of the message. | 2008-01-20 14:23:00 |
| Exetel ID | A unique identification number assigned to each message by Exetel. To be used when making message delivery query. | 4956 |
| Exetel Notes | Additional details regarding the request. | |
| | Possible descriptions: - OK - Incorrect login name and/or password. - Unable to find scheduled message. | |

Enquire Single Scheduled SMS Example Return Response:

```
0|||||||Incorrect login name and/or password
1|123|0400000000|0400000000|Test|2008-01-19 10:30:00|2008-01-20 14:23:00|
2008-01-20 14:23:00|4956|OK
2|||||||Unable to find scheduled message
```

Pre-Paid Credit Check

Input Parameters

| Parameter Name | Parameter Description | Example |
|----------------|---|------------|
| username | Username chosen during API access registration. | - username |
| password | Password chosen during API access registration. | - password |

Prepaid Account Credit Check Example Request:

https://msgw.exetel.com.au/sendsms/api_sms_credit.php?username=xxxxxxx&password=xxxxxxx

Output Parameters

| Parameter Name | Parameter Description | Example |
|----------------|--|-------------------|
| Status | The outcome descriptor of the SMS message request. 0: SMS Request Rejected 1: Sent 2: Failed | - 0 - 1 - 2 |
| Credit Limit | The amount of credit remaining within the pre-paid account. | - 100 |
| Exetel Notes | Additional details regarding the request. | |
| | Possible descriptions: <ul style="list-style-type: none">- OK- Account is post-paid- Incorrect login name and/or password | |

Credit Check Example Return Response:

```
1|100|OK
2||Account is post-paid
0||Incorrect login name and/or password
```

SMS Retrieval

Input Parameters

| Parameter Name | Parameter Description | Example |
|-----------------------|---|----------------|
| username | Username chosen during API access registration. | - username |
| password | Password chosen during API access registration. | - password |
| exetelreference | Unique identification number assigned to each message by Exetel that is returned when a send request is made. Must be provided if referencenumber is not supplied. Can be used in conjunction with referencenumber. | - 123 |
| referencenumber | Unique identifier attached to each message. Optional field when sending a message. Must be provided if exetelreference is not supplied. Can be used in conjunction with exetelreference. | - Xref1 |

SMS Retrieval Example Request:

https://msgw.exetel.com.au/sendsms/api_sms_detail.php?username=xxxxxxx&password=xxxxxxx&exetelreference=123&referencenumber=Xref1

Output Parameters

| Parameter Name | Parameter Description | Example |
|---------------------------|--|---|
| Status | The outcome descriptor of the SMS message request. 0: SMS Request Rejected 1: Sent 2: Failed | - 0 - 1 - 2 |
| Exetel ID | A unique identification number assigned to each message by Exetel. | - 123 |
| Customer ID | Exetel assigned customer identification number. | - 100001 |
| Sender Name/Number | The name or number of the SMS sender that will appear on the destination mobile handset. | - 04xxxxxxxx - John |
| Destination Mobile Number | The destination mobile number. | - 04xxxxxxxx - 614xxxxxxxx |
| Received Time (AEST) | The time when the SMS request was made and sent. | 2008-01-19 10:30:00 |
| Message Status | The current status of the SMS message. | - Delivered - Sent - Queued - Failed |
| Charge | The total cost of the SMS message. | 0.05 |
| Exetel Notes | Additional details regarding the request. | |
| | Possible descriptions: - OK - Incorrect login name and/or password - No search criteria supplied - Invalid customer reference - Invalid Exetel Reference - No results returned | |

SMS Retrieval Example Return Response:

```
1|123|10001|04000000|04000000|2008-01-19 10:30:00|Delivered|0.03|OK  
2|||||||No results returned  
0|||||||Incorrect login name and/or password
```


Virtual Mobile Number Inbox Retrieval

Input Parameters

| Parameter Name | Parameter Description | Example |
|-----------------------|---|----------------|
| username | Username chosen during API access registration. | username |
| password | Password chosen during API access registration. | password |
| mobilenumber | The Virtual Mobile Number that you wish to retrieve message from. | 04xxxxxxxx |

Virtual Mobile Number Inbox Retrieval Example Request:

https://msgw.exetel.com.au/sendsms/api_sms_mvn_inbox.php?username=xxxxxxxx&password=xxxxxxxx&mobilenumber=04xxxxxxxx

Output Parameters

| Parameter Name | Parameter Description | Example |
|----------------------|--|-------------------------------|
| Status | The outcome descriptor of the SMS message request. 0: SMS Request Rejected 1: Sent 2: Failed | - 0 - 1 - 2 |
| Exetel ID | A unique identification number assigned to each message within the Virtual Mobile Number inbox by Exetel. | - 123 |
| Message Originator | The mobile number of the SMS sender. | - 04xxxxxxxx - 614xxxxxxxx |
| Received Time (AEST) | The time when the SMS message was received. | 2008-01-19 10:30:00 |
| Exetel Notes | Additional details regarding the request. | |
| | Possible descriptions: <ul style="list-style-type: none"> - Found - Incorrect login name and/or password - No mobile visual number supplied or invalid mobile visual number supplied - Mobile Virtual Number is disabled or does not belong to you - No results returned | |
| Message Text | The received message text. | Hello |

Virtual Mobile Number Inbox Retrieval Example Return Response:

```
1|123|04xxxxxxxx|2008-01-19 10:30:00|OK|Hello
2||||No results returned
0||||Incorrect login name and/or password
```

Virtual Mobile Number Message Removal

Input Parameters

| Parameter Name | Parameter Description | Example |
|-----------------------|---|----------------|
| username | Username chosen during API access registration. | - username |
| password | Password chosen during API access registration. | - password |
| mobilenumber | The Virtual Mobile Number that you wish to retrieve message from. | - 04xxxxxxxx |
| messageid | Exetel ID returned for a specific message when using the Virtual Mobile Number In Retrieval function. | - 2345 |

Virtual Mobile Number Message Removal Example Request:

https://msgw.exetel.com.au/sendsms/api_sms_mvn_delete.php?username=xxxxxxx&password=xxxxxxx&mobilenumber=04xxxxxxxx&messageid=2345

Output Parameters

| Parameter Name | Parameter Description | Example |
|----------------|--|-------------------|
| Status | The outcome descriptor of the SMS message request. 0: SMS Request Rejected 1: Successfully Deleted 2: Failed | - 0 - 1 - 2 |
| Exetel Notes | Additional details regarding the request. | |
| | Possible descriptions: <ul style="list-style-type: none"> - Deleted - Mobile Visual Number is disabled - No mobile virtual number supplied or invalid mobile virtual number supplied - No results returned - Invalid Message ID - Incorrect login name and/or password | |

Virtual Mobile Number Message Removal Example Return Response:

```

1|Deleted
2|No results returned
0|Incorrect login name and/or password
    
```

APPENDIX A: HTTP Character Encoding

| ASCII Value | URL-encode | ASCII Value | URL-encode |
|-------------|------------|-------------|------------|
| backspace | %08 | A | %41 |
| tab | %09 | B | %42 |
| linefeed | %0A | C | %43 |
| creturn | %0D | D | %44 |
| space | %20 | E | %45 |
| ! | %21 | F | %46 |
| " | %22 | G | %47 |
| # | %23 | H | %48 |
| \$ | %24 | I | %49 |
| % | %25 | J | %4A |
| & | %26 | K | %4B |
| ' | %27 | L | %4C |
| (| %28 | M | %4D |
|) | %29 | N | %4E |
| * | %2A | O | %4F |
| + | %2B | P | %50 |
| , | %2C | Q | %51 |
| - | %2D | R | %52 |
| . | %2E | S | %53 |
| / | %2F | T | %54 |
| 0 | %30 | U | %55 |
| 1 | %31 | V | %56 |
| 2 | %32 | W | %57 |
| 3 | %33 | X | %58 |
| 4 | %34 | Y | %59 |
| 5 | %35 | Z | %5A |
| 6 | %36 | [| %5B |
| 7 | %37 | \ | %5C |
| 8 | %38 |] | %5D |
| 9 | %39 | ^ | %5E |
| : | %3A | _ | %5F |
| ; | %3B | | %60 |
| < | %3C | | |
| = | %3D | | |
| > | %3E | | |
| ? | %3F | | |
| @ | %40 | | |

| ASCII Value | URL-encode | ASCII Value | URL-encode |
|-------------|------------|-------------|------------|
| a | %61 | ¼ | %BC |
| b | %62 | ½ | %BD |
| c | %63 | ¿ | %BF |
| d | %64 | À | %C0 |
| e | %65 | Á | %C1 |
| f | %66 | Â | %C2 |
| g | %67 | Ã | %C3 |
| h | %68 | Ä | %C4 |
| i | %69 | Å | %C5 |
| j | %6A | Æ | %C6 |
| k | %6B | Ç | %C7 |
| l | %6C | È | %C8 |
| m | %6D | É | %C9 |
| n | %6E | Ê | %CA |
| o | %6F | Ë | %CB |
| p | %70 | Ì | %CC |
| q | %71 | Í | %CD |
| r | %72 | Î | %CE |
| s | %73 | Ï | %CF |
| t | %74 | Ð | %D0 |
| u | %75 | Ñ | %D1 |
| v | %76 | Ò | %D2 |
| w | %77 | Ó | %D3 |
| x | %78 | Ô | %D4 |
| y | %79 | Õ | %D5 |
| z | %7A | Ö | %D6 |
| { | %7B | Ø | %D8 |
| | %7C | Ù | %D9 |
| } | %7D | Ú | %DA |
| ~ | %7E | Û | %DB |
| ç | %A2 | Ü | %DC |
| £ | %A3 | Ý | %DD |
| ¥ | %A5 | Þ | %DE |
| | %A6 | ß | %DF |
| § | %A7 | à | %E0 |
| « | %AB | á | %E1 |
| ¬ | %AC | â | %E2 |
| — | %AD | ã | %E3 |
| ° | %B0 | ä | %E4 |
| ± | %B1 | å | %E5 |
| ª | %B2 | æ | %E6 |
| , | %B4 | ç | %E7 |
| µ | %B5 | è | %E8 |
| » | %BB | é | %E9 |

| ASCII Value | URL-encode | ASCII Value | URL-encode |
|-------------|------------|-------------|------------|
| ê | %EA | ö | %F6 |
| ë | %EB | ÷ | %F7 |
| ì | %EC | ø | %F8 |
| í | %ED | ù | %F9 |
| î | %EE | ú | %FA |
| ï | %EF | û | %FB |
| ð | %F0 | ü | %FC |
| ñ | %F1 | ý | %FD |
| ò | %F2 | þ | %FE |
| ó | %F3 | ÿ | %FF |
| ô | %F4 | õ | %F5 |