Informatel Pty Ltd

[**www.readytosms.com.au**](http://www.readytosms.com.au)

Web Service API

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Printed in Australia

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1. Introduction

[Ready to SMS](#) provides a convenient and cost effective way to purchase and send short messages (SMS) to mobile devices over the internet.

The purpose of this document is to show in technical detail how the Ready to SMS engine can be accessed to send text messages through a web service interface. Each request requires authentication which uses the same username and password as the web site. Credits are bought and paid for in the same way as with the web site and must be purchased prior to using the web service.

Text messages can be sent out one at a time or in bulk, they can be scheduled for a particular time, and any replies received for the messages can also be retrieved.

For full [terms and conditions](#) and a copy of our [privacy policy](#) please refer to the web site.

1.1 Service Address

The service URL is: https://www.readytosms.com.au/services/web.asmx

It must be used over 128 bit SSL.

1.2 Authentication

To authenticate to the service a valid username and password must be supplied with each request. This username and password can be obtained by registering with www.readytosms.com.au . This will create an account under which credits can be purchased. Credits cost the same amount no matter which service you use and must be bought on the web site prior to sending any messages.

2. Sending Messages

The web service contains the following methods:

2.1 SendAsMe

This allows you to send a single message to a single destination. The source of the message will be the mobile number registered against your account. If the receiver of the message sends back a reply it will be delivered straight to your account's registered mobile phone number.

2.1.1 Request Parameters

Parameter	Data Type	Description
UserName	String	The username for the account to be used to send and pay for the message.
Password	String	The password to the account to be used to send and pay for the message.
Destination	String	The destination number the message will be sent to. This must be a valid mobile phone number. To ensure it is sent correctly please start the number with '+' and then the country code. For example, to send to Australian number 0400111222 please use +61400111222.
Body	String	The message to be sent. This must have a minimum length of 1 and a maximum length of 960. Please note that the maximum length of a text message is 160. The number of credits it will cost to send this message is dependent on its length with 160 characters, or part thereof, costing 1 credit. For example; to send a message with a length of 160 will cost 1 credit; with a length of 161 will cost 2 credits; with a length of 321 will cost 3 credits etc.

2.1.2 Response Parameters

All send message requests have the same response format as below:

Parameter	DataType	Description
Error	String	The return code for the transaction. Refer to Appendix B for a full list.
Reference	Integer (Int32)	This is the payment reference for the transaction. Please retain this against your transaction record and quote it during any queries with us relating to this service.
UsedCredits	Unsigned Integer	The number of credits deducted for the request. This will only apply to successful transactions.
Replies	Collection	Ignore this element for this request type.

```
POST /services/web.asmx HTTP/1.1
Host: www.readytosms.com.au
Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "http://www.informatel.com/ReadyToSms/3.0/web/SendAsMe"

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <SendAsMe xmlns="http://www.informatel.com/ReadyToSms/3.0/web">
      <UserName>string</userName>
      <Password>string</password>
      <Destination>string</destination>
      <Body>string</body>
    </SendAsMe>
  </soap:Body>
</soap:Envelope>
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <SendAsMeResponse xmlns="http://www.informatel.com/ReadyToSms/3.0/web">
      <SendAsMeResult>
        <Error>Success or Unauthenticated or Unauthorized or
InsufficientCredit or InvalidDestination or NoRecepients or BannedWord or
BodyMissing or BodyTooLong or InvalidDate or DuplicateDestination or
SystemError</Error>
        <Reference>int</Reference>
        <UsedCredits>decimal</UsedCredits>
        <Replies>
          <Reply>
            <SourceNumber>string</SourceNumber>
            <OriginalMessage>string</OriginalMessage>
            <ReplyMessage>string</ReplyMessage>
            <Destination>string</Destination>
            <ReceivedOn>dateTime</ReceivedOn>
          </Reply>
          <Reply>
            <SourceNumber>string</SourceNumber>
            <OriginalMessage>string</OriginalMessage>
            <ReplyMessage>string</ReplyMessage>
            <Destination>string</Destination>
            <ReceivedOn>dateTime</ReceivedOn>
          </Reply>
        </Replies>
      </SendAsMeResult>
    </SendAsMeResponse>
  </soap:Body>
</soap:Envelope>
```

2.2 SendAsRandom

This allows you to send a single message to a single destination. A random number is allocated from a pool to act as the source number for the message. Then, when a reply is sent to this message it arrives back to this service where it can be retrieved by calling the GetReples web method.

2.2.1 Request Parameters

Parameter	Data Type	Description
UserName	String	The username for the account to be used to send and pay for the message.
Password	String	The password to the account to be used to send and pay for the message.
Destination	String	The destination number the message will be sent to. This must be a valid mobile phone number. To ensure it is sent correctly please start the number with '+' and then the country code. For example, to send to Australian number 0400111222 please use +61400111222.
Body	String	The message to be sent. This must have a minimum length of 1 and a maximum length of 960. Please note that the maximum length of a text message is 160. The number of credits it will cost to send this message is dependent on its length with 160 characters, or part thereof, costing 1 credit. For example; to send a message with a length of 160 will cost 1 credit; with a length of 161 will cost 2 credits; with a length of 321 will cost 3 credits etc.

2.2.2 Response Parameters

All send message requests have the same response format as below:

Parameter	DataType	Description
Error	String	The return code for the transaction. Refer to Appendix B for a full list.
Reference	Integer (Int32)	This is the payment reference for the transaction. Please retain this against your transaction record and quote it during any queries with us relating to this service.
UsedCredits	Unsigned Integer	The number of credits deducted for the request. This will only apply to successful transactions.
Replies	Collection	Ignore this element for this request type.

2.2.3 Web Service SOAP

```
POST /services/web.asmx HTTP/1.1
Host: www.readytosms.com.au
Content-Type: text/xml; charset=utf-8
Content-Length: length
```

```
SOAPAction: "http://www.informatel.com/ReadyToSms/3.0/web/SendARandom"

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <SendARandom xmlns="http://www.informatel.com/ReadyToSms/3.0/web">
      <UserName>string</UserName>
      <Password>string</Password>
      <Destination>string</Destination>
      <Body>string</Body>
    </SendARandom>
  </soap:Body>
</soap:Envelope>
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <SendARandomResponse
xmlns="http://www.informatel.com/ReadyToSms/3.0/web">
      <SendARandomResult>
        <Error>Success or Unauthenticated or Unauthorized or
InsufficientCredit or InvalidDestination or NoRecepients or BannedWord or
BodyMissing or BodyTooLong or InvalidDate or DuplicateDestination or
SystemError</Error>
        <Reference>int</Reference>
        <UsedCredits>decimal</UsedCredits>
        <Replies>
          <Reply>
            <SourceNumber>string</SourceNumber>
            <OriginalMessage>string</OriginalMessage>
            <ReplyMessage>string</ReplyMessage>
            <Destination>string</Destination>
            <ReceivedOn>dateTime</ReceivedOn>
          </Reply>
          <Reply>
            <SourceNumber>string</SourceNumber>
            <OriginalMessage>string</OriginalMessage>
            <ReplyMessage>string</ReplyMessage>
            <Destination>string</Destination>
            <ReceivedOn>dateTime</ReceivedOn>
          </Reply>
        </Replies>
      </SendARandomResult>
    </SendARandomResponse>
  </soap:Body>
</soap:Envelope>
```

2.3 SendAsAlpha

This allows you to send a single message to a single destination via an alpha numeric source. This can be any word that is not banned by the system. If you choose a banned word you will be notified in the response and the request will fail. Please note that the recipients of your message will not be able to reply to it. Many countries have legislation that requires you to provide a method for the receiver of the message to opt out of communications you send so you must check the relevant authorities in the destination country to find out how you should handle this.

Please note that not all carriers support this feature. See Appendix C for a list of countries that support sending to an alpha. The system will attempt to check this for you when you send and it will notify you if it cannot send the message.

2.3.1 Request Parameters

Parameter	Data Type	Description
UserName	String	The username for the account to be used to send and pay for the message.
Password	String	The password to the account to be used to send and pay for the message.
Destination	String	The destination number the message will be sent to. This must be a valid mobile phone number. To ensure it is sent correctly please start the number with '+' and then the country code. For example, to send to Australian number 0400111222 please use +61400111222.
Body	String	The message to be sent. This must have a minimum length of 1 and a maximum length of 960. Please note that the maximum length of a text message is 160. The number of credits it will cost to send this message is dependent on its length with 160 characters, or part thereof, costing 1 credit. For example; to send a message with a length of 160 will cost 1 credit; with a length of 161 will cost 2 credits; with a length of 321 will cost 3 credits etc.
Source	String	Alpha numeric text to be used as the source of the message. This will appear on the recipient's phone as the sender. It can be a maximum of 10 characters.

2.3.2 Response Parameters

All send message requests have the same response format as below:

Parameter	DataType	Description
Error	String	The return code for the transaction. Refer to Appendix B for a full list.
Reference	Integer (Int32)	This is the payment reference for the transaction. Please retain this against your transaction record and quote it during any queries with us relating to this service.
UsedCredits	Unsigned Integer	The number of credits deducted for the request. This will only apply to successful transactions.
Replies	Collection	Ignore this element for this request type.

2.3.3 Web Service SOAP

```
POST /services/web.asmx HTTP/1.1
Host: www.readytosms.com.au
Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "http://www.informatel.com/ReadyToSms/3.0/web/SendAsAlpha"

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <SendAsAlpha xmlns="http://www.informatel.com/ReadyToSms/3.0/web">
      <UserName>string</UserName>
      <Password>string</Password>
      <Destination>string</Destination>
      <Body>string</Body>
      <Source>string</Source>
    </SendAsAlpha>
  </soap:Body>
</soap:Envelope>
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <SendAsAlphaResponse
xmlns="http://www.informatel.com/ReadyToSms/3.0/web">
      <SendAsAlphaResult>
        <Error>Success or Unauthenticated or Unauthorized or
InsufficientCredit or InvalidDestination or NoRecepients or BannedWord or
BodyMissing or BodyTooLong or InvalidDate or DuplicateDestination or
SystemError</Error>
        <Reference>int</Reference>
        <UsedCredits>decimal</UsedCredits>
        <Replies>
          <Reply>
            <SourceNumber>string</SourceNumber>
            <OriginalMessage>string</OriginalMessage>
            <ReplyMessage>string</ReplyMessage>
            <Destination>string</Destination>
            <ReceivedOn>dateTime</ReceivedOn>
          </Reply>
          <Reply>
            <SourceNumber>string</SourceNumber>
            <OriginalMessage>string</OriginalMessage>
            <ReplyMessage>string</ReplyMessage>
            <Destination>string</Destination>
            <ReceivedOn>dateTime</ReceivedOn>
          </Reply>
        </Replies>
      </SendAsAlphaResult>
    </SendAsAlphaResponse>
  </soap:Body>
</soap:Envelope>
```

2.4 BroadcastAsMe

This allows you to send a single message to multiple destinations. The source of the message will be the mobile number registered with your account. If the receiver of the message sends back a reply it will be delivered straight your account's registered mobile phone number.

2.4.1 Request Parameters

Parameter	Data Type	Description
UserName	String	The username for the account to be used to send and pay for the message.
Password	String	The password to the account to be used to send and pay for the message.
Destinations	Collection of strings	A collection of destination numbers to send the message to. These must be valid mobile phone numbers. To ensure they are sent correctly please start the numbers with '+' and then the country code. For example, to send to Australian number 0400111222 please use +61400111222.
Body	String	The message to be sent to all of the destinations. This must have a minimum length of 1 and a maximum length of 960. Please note that the maximum length of a text message is 160. The number of credits it will cost to send this message is dependent on its length with 160 characters, or part thereof, costing 1 credit. For example; to send a message with a length of 160 will cost 1 credit; with a length of 161 will cost 2 credits; with a length of 321 will cost 3 credits etc.

2.4.2 Response Parameters

All send message requests have the same response format as below:

Parameter	DataType	Description
Error	String	The return code for the transaction. . Refer to Appendix B for a full list.
Reference	Integer (Int32)	This is the payment reference for the transaction. Please retain this against your transaction record and quote it during any queries with us relating to this service.
UsedCredits	Unsigned Integer	The number of credits deducted for the request. This will only apply to successful transactions.
Replies	Collection	Ignore this element for this request type.

2.4.3 Web Service SOAP

```
POST /services/web.asmx HTTP/1.1
Host: www.readytosms.com.au
Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "http://www.informatel.com/ReadyToSms/3.0/web/BroadcastAsMe"

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <BroadcastAsMe xmlns="http://www.informatel.com/ReadyToSms/3.0/web">
      <UserName>string</UserName>
      <Password>string</Password>
      <Destinations>
        <string>string</string>
        <string>string</string>
      </Destinations>
      <Body>string</Body>
    </BroadcastAsMe>
  </soap:Body>
</soap:Envelope>
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <BroadcastAsMeResponse
xmlns="http://www.informatel.com/ReadyToSms/3.0/web">
      <BroadcastAsMeResult>
        <Error>Success or Unauthenticated or Unauthorized or
InsufficientCredit or InvalidDestination or NoRecepients or BannedWord or
BodyMissing or BodyTooLong or InvalidDate or DuplicateDestination or
SystemError</Error>
        <Reference>int</Reference>
        <UsedCredits>decimal</UsedCredits>
        <Replies>
          <Reply>
            <SourceNumber>string</SourceNumber>
            <OriginalMessage>string</OriginalMessage>
            <ReplyMessage>string</ReplyMessage>
            <Destination>string</Destination>
            <ReceivedOn>dateTime</ReceivedOn>
          </Reply>
          <Reply>
            <SourceNumber>string</SourceNumber>
            <OriginalMessage>string</OriginalMessage>
            <ReplyMessage>string</ReplyMessage>
            <Destination>string</Destination>
            <ReceivedOn>dateTime</ReceivedOn>
          </Reply>
        </Replies>
      </BroadcastAsMeResult>
```

```
      </BroadcastAsMeResponse>
   </soap:Body>
</soap:Envelope>
```

2.5 BroadcastAsRandom

This allows you to send a single message to multiple destinations. A random number is allocated from a pool to act as the source number for the message. Then, when a reply is sent to this message it arrives back to this service where it can be retrieved by calling the GetReplies web method.

2.5.1 Request Parameters

Parameter	Data Type	Description
UserName	String	The username for the account to be used to send and pay for the message.
Password	String	The password to the account to be used to send and pay for the message.
Destination	Collection of strings.	The destination numbers the message will be sent to. These must be valid mobile phone numbers. To ensure they are sent correctly please start the numbers with '+' and then the country code. For example, to send to Australian number 0400111222 please use +61400111222.
Body	String	The message to be sent to all of the destination. This has a minimum length of 1 and a maximum length of 960. Please note that the maximum length of a text message is 160. The number of credits it will cost to send this message is dependent on its length with 160 characters, or part thereof, costing 1 credit. For example; to send a message with a length of 160 will cost 1 credit; with a length of 161 will cost 2 credits; with a length of 321 will cost 3 credits etc.

2.5.2 Response Parameters

All send message requests have the same response format as below:

Parameter	DataType	Description
Error	String	The return code for the transaction. . Refer to Appendix B for a full list.
Reference	Integer (Int32)	This is the payment reference for the transaction. Please retain this against your transaction record and quote it during any queries with us relating to this service.
UsedCredits	Unsigned Integer	The number of credits deducted for the request. This will only apply to successful transactions.
Replies	Collection	Ignore this element for this request type.

2.5.3 Web Service SOAP

```
POST /services/web.asmx HTTP/1.1
Host: www.readytosms.com.au
Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "http://www.informatel.com/ReadyToSms/3.0/web/BroadcastAsRandom"

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <BroadcastAsRandom xmlns="http://www.informatel.com/ReadyToSms/3.0/web">
      <UserName>string</UserName>
      <Password>string</Password>
      <Destinations>
        <string>string</string>
        <string>string</string>
      </Destinations>
      <Body>string</Body>
    </BroadcastAsRandom>
  </soap:Body>
</soap:Envelope>
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <BroadcastAsRandomResponse
xmlns="http://www.informatel.com/ReadyToSms/3.0/web">
      <BroadcastAsRandomResult>
        <Error>Success or Unauthenticated or Unauthorized or
InsufficientCredit or InvalidDestination or NoRecepients or BannedWord or
BodyMissing or BodyTooLong or InvalidDate or DuplicateDestination or
SystemError</Error>
        <Reference>int</Reference>
        <UsedCredits>decimal</UsedCredits>
        <Replies>
          <Reply>
            <SourceNumber>string</SourceNumber>
            <OriginalMessage>string</OriginalMessage>
            <ReplyMessage>string</ReplyMessage>
            <Destination>string</Destination>
            <ReceivedOn>dateTime</ReceivedOn>
          </Reply>
          <Reply>
            <SourceNumber>string</SourceNumber>
            <OriginalMessage>string</OriginalMessage>
            <ReplyMessage>string</ReplyMessage>
            <Destination>string</Destination>
            <ReceivedOn>dateTime</ReceivedOn>
          </Reply>
        </Replies>
      </BroadcastAsRandomResult>
```

```
    </BroadcastAsRandomResponse>
  </soap:Body>
</soap:Envelope>
```

2.6 BroadcastAsAlpha

This allows the user to send a single message to multiple destinations via an alpha numeric source. This can be any word that is not banned by the system. If you choose a banned word you will be notified in the response and the request will fail. Please note that the recipients of your message will not be able to reply to it. Many countries have legislation that requires you to provide a method for the receiver of the message to opt out of communications you send so you must check the relevant authorities in the destination country to find out how you should handle this.

Please note that not all carriers support this feature. See Appendix C for a list of countries that support sending to an alpha. The system will attempt to check this for you when you send and it will notify you if it cannot send the message.

2.6.1 Request Parameters

Parameter	Data Type	Description
UserName	String	The username for the account to be used to send and pay for the message.
Password	String	The password to the account to be used to send and pay for the message.
Destination	Collection of strings	The destination numbers the message will be sent to. These must be valid mobile phone numbers. To ensure they are sent correctly please start with number with '+' and then the country code. For example, to send to Australian number 0400111222 please use +61400111222.
Body	String	The message to be sent to all of the destinations. This must have a minimum length of 1 and a maximum length of 960. Please note that the maximum length of a text message is 160. The number of credits it will cost to send this message is dependent on its length with 160 characters, or part thereof, costing 1 credit. For example; to send a message with a length of 160 will cost 1 credit; with a length of 161 will cost 2 credits; with a length of 321 will cost 3 credits etc.
Source	String	Alpha numeric text to be used as the source of the message. This will appear on the recipient's phone as the sender. It can be a maximum of 10 characters.

2.6.2 Response Parameters

All send message requests have the same response format as below:

Parameter	DataType	Description
Error	String	The return code for the transaction. Refer to Appendix B for a full list.
Reference	Integer (Int32)	This is the payment reference for the transaction. Please retain this against your transaction record and quote it during any queries with us relating to this service.
UsedCredits	Unsigned Integer	The number of credits deducted for the request. This will only apply to successful transactions.
Replies	Collection	Ignore this element for this request type.

2.6.3 Web Service SOAP

```
POST /services/web.asmx HTTP/1.1
Host: www.readytosms.com.au
Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "http://www.informatel.com/ReadyToSms/3.0/web/BroadcastAsAlpha"

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <BroadcastAsAlpha xmlns="http://www.informatel.com/ReadyToSms/3.0/web">
      <UserName>string</UserName>
      <Password>string</Password>
      <Destinations>
        <string>string</string>
        <string>string</string>
      </Destinations>
      <Body>string</Body>
      <Source>string</Source>
    </BroadcastAsAlpha>
  </soap:Body>
</soap:Envelope>
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <BroadcastAsAlphaResponse
xmlns="http://www.informatel.com/ReadyToSms/3.0/web">
      <BroadcastAsAlphaResult>
        <Error>Success or Unauthenticated or Unauthorized or
InsufficientCredit or InvalidDestination or NoRecepients or BannedWord or
BodyMissing or BodyTooLong or InvalidDate or DuplicateDestination or
SystemError</Error>
        <Reference>int</Reference>
        <UsedCredits>decimal</UsedCredits>
        <Replies>
          <Reply>
            <SourceNumber>string</SourceNumber>
```

```
            <OriginalMessage>string</OriginalMessage>
            <ReplyMessage>string</ReplyMessage>
            <Destination>string</Destination>
            <ReceivedOn>dateTime</ReceivedOn>
        </Reply>
        <Reply>
            <SourceNumber>string</SourceNumber>
            <OriginalMessage>string</OriginalMessage>
            <ReplyMessage>string</ReplyMessage>
            <Destination>string</Destination>
            <ReceivedOn>dateTime</ReceivedOn>
        </Reply>
      </Replies>
    </BroadcastAsAlphaResult>
  </BroadcastAsAlphaResponse>
  </soap:Body>
</soap:Envelope>
```

2.7 ScheduleAsMe

This allows you to set when they would like to send a single message to multiple destinations. The source of the message will be the mobile number registered with your account. If the receiver of the message sends back a reply it will be delivered straight to your account's registered mobile phone number.

2.7.1 Request Parameters

Parameter	Data Type	Description
UserName	String	The username for the account to be used to send and pay for the message.
Password	String	The password to the account to be used to send and pay for the message.
Destination	String	The destination numbers the message will be sent to. These must be valid mobile phone numbers. To ensure they are sent correctly please start the numbers with '+' and then the country code. For example, to send to Australian number 0400111222 please use +61400111222.
Body	String	The message to be sent to all of the destinations.. This must have a minimum length of 1 and a maximum length of 960. Please note that the maximum length of a text message is 160. The number of credits it will cost to send this message is dependent on its length with 160 characters, or part thereof, costing 1 credit. For example; to send a message with a length of 160 will cost 1 credit; with a length of 161 will cost 2 credits; with a length of 321 will cost 3 credits etc.
ScheduledFor	DateTime	When the message will be sent. Messages will usually be sent out within seconds of this date and time. Any messages scheduled for a date and time in the past will be sent out at the earliest possible time.

2.7.2 Response Parameters

All send message requests have the same response format as below:

Parameter	DataType	Description
Error	String	The return code for the transaction. Refer to Appendix B for a full list.
Reference	Integer (Int32)	This is the payment reference for the transaction. Please retain this against your transaction record and quote it during any queries with us relating to this service.
UsedCredits	Unsigned Integer	The number of credits deducted for the request. This will only apply to successful transactions.
Replies	Collection	Ignore this element for this request type.

2.7.3 Web Service SOAP

```
POST /services/web.asmx HTTP/1.1
Host: www.readytosms.com.au
Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "http://www.informatel.com/ReadyToSms/3.0/web/ScheduleAsMe"

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ScheduleAsMe xmlns="http://www.informatel.com/ReadyToSms/3.0/web">
      <UserName>string</UserName>
      <Password>string</Password>
      <Destinations>
        <string>string</string>
        <string>string</string>
      </Destinations>
      <Body>string</Body>
      <ScheduledFor>dateTime</ScheduledFor>
    </ScheduleAsMe>
  </soap:Body>
</soap:Envelope>
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ScheduleAsMeResponse
xmlns="http://www.informatel.com/ReadyToSms/3.0/web">
      <ScheduleAsMeResult>
        <Error>Success or Unauthenticated or Unauthorized or
InsufficientCredit or InvalidDestination or NoRecepients or BannedWord or
```

```
BodyMissing or BodyTooLong or InvalidDate or DuplicateDestination or
SystemError</Error>
         <Reference>int</Reference>
         <UsedCredits>decimal</UsedCredits>
         <Replies>
           <Reply>
             <SourceNumber>string</SourceNumber>
             <OriginalMessage>string</OriginalMessage>
             <ReplyMessage>string</ReplyMessage>
             <Destination>string</Destination>
             <ReceivedOn>dateTime</ReceivedOn>
           </Reply>
           <Reply>
             <SourceNumber>string</SourceNumber>
             <OriginalMessage>string</OriginalMessage>
             <ReplyMessage>string</ReplyMessage>
             <Destination>string</Destination>
             <ReceivedOn>dateTime</ReceivedOn>
           </Reply>
         </Replies>
      </ScheduleAsMeResult>
    </ScheduleAsMeResponse>
  </soap:Body>
</soap:Envelope>
```

2.8 ScheduleAsRandom

This allows you to set when they would like to send a single message to multiple destinations. A random number is allocated from a pool to act as the source number for the message. Then, when a reply is sent to this message it arrives back to this service where it can be retrieved by calling the GetReplies web method.

2.8.1 Request Parameters

Parameter	Data Type	Description
UserName	String	The username for the account to be used to send and pay for the message.
Password	String	The password to the account to be used to send and pay for the message.
Destination	String	The destination numbers the message will be sent to. These must be valid mobile phone number. To ensure they are sent correctly please start with number with '+' and then the country code. For example, to send to Australian number 0400111222 please use +61400111222.
Body	String	The message to be sent to all of the destinations. This must have a minimum length of 1 and a maximum length of 960. Please note that the maximum length of a text message is 160. The number of credits it will cost to send this message is dependent on its length with 160 characters, or part thereof, costing 1 credit. For example; to send a message with a length of 160 will cost 1 credit; with a length of 161 will cost 2 credits; with a length of 321 will cost 3 credits etc.

2.8.2 Response Parameters

All send message requests have the same response format as below:

Parameter	DataType	Description
Error	String	The return code for the transaction. Refer to Appendix B for a full list.
Reference	Integer (Int32)	This is the payment reference for the transaction. Please retain this against your transaction record and quote it during any queries with us relating to this service.
UsedCredits	Unsigned Integer	The number of credits deducted for the request. This will only apply to successful transactions.
Replies	Collection	Ignore this element for this request type.

2.8.3 Web Service SOAP

```
POST /services/web.asmx HTTP/1.1
Host: www.readytosms.com.au
Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "http://www.informatel.com/ReadyToSms/3.0/web/ScheduleAsRandom"

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ScheduleAsRandom xmlns="http://www.informatel.com/ReadyToSms/3.0/web">
      <UserName>string</UserName>
      <Password>string</Password>
      <Destinations>
        <string>string</string>
        <string>string</string>
      </Destinations>
      <Body>string</Body>
      <ScheduledFor>dateTime</ScheduledFor>
    </ScheduleAsRandom>
  </soap:Body>
</soap:Envelope>
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ScheduleAsRandomResponse
xmlns="http://www.informatel.com/ReadyToSms/3.0/web">
      <ScheduleAsRandomResult>
        <Error>Success or Unauthenticated or Unauthorized or
InsufficientCredit or InvalidDestination or NoRecepients or BannedWord or
```

```
BodyMissing or BodyTooLong or InvalidDate or DuplicateDestination or
SystemError</Error>
        <Reference>int</Reference>
        <UsedCredits>decimal</UsedCredits>
        <Replies>
          <Reply>
            <SourceNumber>string</SourceNumber>
            <OriginalMessage>string</OriginalMessage>
            <ReplyMessage>string</ReplyMessage>
            <Destination>string</Destination>
            <ReceivedOn>dateTime</ReceivedOn>
          </Reply>
          <Reply>
            <SourceNumber>string</SourceNumber>
            <OriginalMessage>string</OriginalMessage>
            <ReplyMessage>string</ReplyMessage>
            <Destination>string</Destination>
            <ReceivedOn>dateTime</ReceivedOn>
          </Reply>
        </Replies>
      </ScheduleAsRandomResult>
    </ScheduleAsRandomResponse>
  </soap:Body>
</soap:Envelope>
```

2.9 ScheduleAsAlpha

This allows you to set when they would like to send a single message to multiple destinations via an alpha numeric source. This can be any word that is not banned by the system. If you choose a banned word you will be notified in the response and the request will fail. Please note that the recipients of your message will not be able to reply to it. Many countries have legislation that requires you to provide a method for the receiver of the message to opt out of communications you send so you must check the relevant authorities in the destination country to find out how you should handle this.

Please note that not all carriers support this feature. See Appendix C for a list of countries that support sending to an alpha. The system will attempt to check this for you when you send and it will notify you if it cannot send the message.

2.9.1 Request Parameters

Parameter	Data Type	Description
UserName	String	The username for the account to be used to send and pay for the message.
Password	String	The password to the account to be used to send and pay for the message.
Destination	String	The destination numbers the message will be sent to. These must be valid mobile phone number. To ensure they are sent correctly please start with number with '+' and then the country code. For example, to send to Australian number 0400111222 please use +61400111222.
Body	String	The message to be sent to all of the destination. This must have a minimum length of 1 and a maximum length of 960. Please note that the

		maximum length of a text message is 160. The number of credits it will cost to send this message is dependent on its length with 160 characters, or part thereof, costing 1 credit. For example; to send a message with a length of 160 will cost 1 credit; with a length of 161 will cost 2 credits; with a length of 321 will cost 3 credits etc.

2.9.2 Response Parameters

All send message requests have the same response format as below:

Parameter	DataType	Description
Error	String	The return code for the transaction. Refer to Appendix B for a full list.
Reference	Integer (Int32)	This is the payment reference for the transaction. Please retain this against your transaction record and quote it during any queries with us relating to this service.
UsedCredits	Unsigned Integer	The number of credits deducted for the request. This will only apply to successful transactions.
Replies	Collection	Ignore this element for this request type.

2.9.3 Web Service SOAP

```
POST /services/web.asmx HTTP/1.1
Host: www.readytosms.com.au
Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "http://www.informatel.com/ReadyToSms/3.0/web/ScheduleAsAlpha"

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ScheduleAsAlpha xmlns="http://www.informatel.com/ReadyToSms/3.0/web">
      <UserName>string</UserName>
      <Password>string</Password>
      <Destinations>
        <string>string</string>
        <string>string</string>
      </Destinations>
      <Body>string</Body>
      <Source>string</Source>
      <ScheduledFor>dateTime</ScheduledFor>
    </ScheduleAsAlpha>
  </soap:Body>
</soap:Envelope>
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
```

```
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ScheduleAsAlphaResponse
xmlns="http://www.informatel.com/ReadyToSms/3.0/web">
      <ScheduleAsAlphaResult>
        <Error>Success or Unauthenticated or Unauthorized or
InsufficientCredit or InvalidDestination or NoRecepients or BannedWord or
BodyMissing or BodyTooLong or InvalidDate or DuplicateDestination or
SystemError</Error>
        <Reference>int</Reference>
        <UsedCredits>decimal</UsedCredits>
        <Replies>
          <Reply>
            <SourceNumber>string</SourceNumber>
            <OriginalMessage>string</OriginalMessage>
            <ReplyMessage>string</ReplyMessage>
            <Destination>string</Destination>
            <ReceivedOn>dateTime</ReceivedOn>
          </Reply>
          <Reply>
            <SourceNumber>string</SourceNumber>
            <OriginalMessage>string</OriginalMessage>
            <ReplyMessage>string</ReplyMessage>
            <Destination>string</Destination>
            <ReceivedOn>dateTime</ReceivedOn>
          </Reply>
        </Replies>
      </ScheduleAsAlphaResult>
    </ScheduleAsAlphaResponse>
  </soap:Body>
</soap:Envelope>
```

2.10 GetReplies

You can get any replies sent to any of your messages that were sent out using a random source number by call this method.

2.10.1 Request Parameters

Parameter	Data Type	Description
UserName	String	The username for the account to be used to send and pay for the message.
Password	String	The password to the account to be used to send and pay for the message.
Destination	String	The destination number the message will be sent to. This must be a valid mobile phone number. To ensure it is sent correctly please start with number with '+' and then the country code. For example, to send to Australian number 0400111222 please use +61400111222.
Body	String	The message to be sent. This has a minimum length of 1 and a maximum length of 960. Please note that the maximum length of a text message is 160. The number of credits it will cost to send this message

		is dependent on its length with 160 characters, or part thereof, costing 1 credit. For example; to send a message with a length of 160 will cost 1 credit; with a length of 161 will cost 2 credits; with a length of 321 will cost 3 credits etc.

2.10.2 Response Parameters

All send message requests have the same response format as below:

Parameter	DataType	Description
Error	String	The return code for the transaction. Refer to Appendix B for a full list.
Reference	Integer (Int32)	This will be empty.
UsedCredits	Unsigned Integer	This will be set to 0.
Replies	Collection	A collection of reply data. Please refer to the below table for more information.

2.10.2.1 Reply data structure.

The following data structure will be returned in the Replies collection in 3.10.2 above.

Parameter	DataType	Description
SourceNumber	String	The phone number of the person who has replies to the message.
OriginalMessage	String	The message you sent to the person.
ReplyMessage	String	The message they replied with.
Destination	String	The phone number the original message was sent to.
ReceivedOn	DateTime	When the reply was received.

2.10.3 Web Service SOAP

```
POST /services/web.asmx HTTP/1.1
Host: www.readytosms.com.au
Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "http://www.informatel.com/ReadyToSms/3.0/web/ScheduleAsAlpha"

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ScheduleAsAlpha xmlns="http://www.informatel.com/ReadyToSms/3.0/web">
      <UserName>string</UserName>
      <Password>string</Password>
```

```xml
      <Destinations>
        <string>string</string>
        <string>string</string>
      </Destinations>
      <Body>string</Body>
      <Source>string</Source>
      <ScheduledFor>dateTime</ScheduledFor>
    </ScheduleAsAlpha>
  </soap:Body>
</soap:Envelope>
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ScheduleAsAlphaResponse
xmlns="http://www.informatel.com/ReadyToSms/3.0/web">
      <ScheduleAsAlphaResult>
        <Error>Success or Unauthenticated or Unauthorized or
InsufficientCredit or InvalidDestination or NoRecepients or BannedWord or
BodyMissing or BodyTooLong or InvalidDate or DuplicateDestination or
SystemError</Error>
        <Reference>int</Reference>
        <UsedCredits>decimal</UsedCredits>
        <Replies>
          <Reply>
            <SourceNumber>string</SourceNumber>
            <OriginalMessage>string</OriginalMessage>
            <ReplyMessage>string</ReplyMessage>
            <Destination>string</Destination>
            <ReceivedOn>dateTime</ReceivedOn>
          </Reply>
          <Reply>
            <SourceNumber>string</SourceNumber>
            <OriginalMessage>string</OriginalMessage>
            <ReplyMessage>string</ReplyMessage>
            <Destination>string</Destination>
            <ReceivedOn>dateTime</ReceivedOn>
          </Reply>
        </Replies>
      </ScheduleAsAlphaResult>
    </ScheduleAsAlphaResponse>
  </soap:Body>
</soap:Envelope>
```

3. Appendix A – Response codes

Code	Description
Success	The request was successful.
Unauthenticated	The credentials provided are invalid.
Unauthorized	Your account cannot access this service. Please contact us if you receive this error.
NoRecipients.	You did not provide any recipients for your message.
InvalidDestination	One or more of your destination numbers are invalid.
InvalidDate	The date you provided is invalid.
InsufficientCredit.	You do not have enough credits to send your message(s).
BodyTooLong	Your message exceeds 960 characters.
BodyMissing	You have not provided a body of one or more characters.
BannedWord	You have attempted to send your message from an alpha but the word has been banned.
DuplicateDestination	One or more duplicate destinations have been found.
SystemError	An unexpected problem has occurred. Our engineers will have been notified and will be working on the problem. Please try again later and if your problems persist please contact us.

Ben Barnett   Copyright Informatel 2009   Mod Date: 26-Apr-2012

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4. Appendix B – List of Available Countries

This is a list of countries where you can send messages to (we currently only support Australia but more will be added later). It also indicates if it is valid to send the message from an alpha.

Country Code	Country	Can Send from Alpha
61	Australia	Yes