InTime HTTP API

XML Specifications for system integration with InTime Messenger

Specification overview

All of the following functions, besides listing functions, is intended to receive a XML string by a HTTP POST method.

Messages

Create messages

URL: https://sms.intime.nu/api/1.0/message/create.ashx?user=[Username]&hash=[SecretKey]

XML structure:

```
<?xml version="1.0" encoding="iso-8859-1"?>
<message>
        <flash>0</flash>
        <multisms>0</multisms>
        <senddate>2012-01-13T14:41:00</senddate>
        <sendertitle>Byggvaruh</sendertitle>
        <body>Your order is packed and delivered. Best regards Byggvaruhuset</body>
        <statusurl>http://www.kunden.se/status.php</statusurl>
        <checknix>0</checknix>
        <anonymize>0</anonymize>
        <recipients>
                <recipient transid="12345678">+46701234567</recipient>
                <recipient transid="12345679">+46701234568</recipient>
        </recipients>
        <groups>
                <group groupid="1" />
        </groups>
</message>
```

Parameters

flash	0 = Normal message 1 = Flash message (maximum 160 characters)
multisms	0 = No 1 = Yes, send up to six SMS / 804 characters
senddate	Date/time for scheduled sending, need to have the following format: yyy-mmddThh:MM:ss *If the message is to be sent directly, remove this element from the xml. Do NOT send any empty element*. (Not mandatory)
sendertitle	Sender of the message. Use maximum 11 alphanumeric characters or 15 numeric chars. Allowed alphanumeric chars is aA-zZ, 0-9, space, .(dot), -(binding char), or +(plus). Only English characters are allowed.
body	Message text. SMS message is allowed to contain a maximum of 160 characters. Multi-SMS is allowed to contain a maximum of 804 characters (6 SMS with 134 characters each).
statusurl	URL for the server to send message status callbacks. (Not mandatory)

checknix	Flag that indicates whether the user's block list should be checked for group mailings. (Not mandatory) 0 = No 1 = Yes
anonymize	Flag that indicates whether the message should be encrypted after it's sent. Sent messages cannot be read in Messenger. (Not mandatory) 0 = No 1 = Yes
recipients	Phone number of the recipients to receive the message. At least one recipient or group must be addressed. If not, error code 2:ERROR2 will appear.
transid	Value to send to the status url with the callback, this could be a uniq id generated for each recipient and used in callback to link the statuscallback. **This is mandatory if statusurl is used!**
groups	Group recipients to receive the message. At least one recipient or group must be addressed. If not, error code 2:ERROR2 will appear.
groupid	The groups Identification number

Return values
Success

MessageId	MessageId is a unique id for the message that has been sent och scheduled at InTime. If many messages has been sent in the same request the messagesIds is returned separated with a comma. (MessageId,MessageId, …)

Error codes

0:ERROR1	Username and/or password is missing in request
0:ERROR2	XML is empty or missing
0:ERROR3	User is not verified
1:ERROR1	XML validation failure
1:ERROR2	XML Send date is past current date and time
1:ERROR3	XML recipients is incorrect
2:ERROR0	Loading the user's block list failed
2:ERROR1	Unable to send message

2:ERROR2	There is no recipient to send the message to

Remove a scheduled message

URL: https://sms.intime.nu/api/1.0/message/delete.ashx?user=[Username]&hash=[SecretKey]

XML structure

```
<?xml version="1.0" encoding="iso-8859-1"?>
<message>
    <messageid>1234567</messageid>
</message>
```

Parameters

messageid	The messageId for the message to be removed.

Return value

Success

messageid	The message have been removed if the same id as the one sent is returned

Error codes

0:ERROR1	Username and or password is missing in the request
0:ERROR2	XML is empty or missing
0:ERROR3	User is not verified
1:ERROR1	Unable to open the xml message
2:ERROR1	Unable to read the messageId from the XML message
2:ERROR2	Unable to remove the message

Receive status

Method to receive status of a specific message, sent to the parameter "statusurl" that is in the method to create message with HTTP POST

Outgoing parameters

messageid	MessageId for the status	
status	State levels	
	0	Not delivered. The message is faulty or the phone number is not valid.
	1	Not delivered. The message is not approved by the Message Service Provider.
	2	Not delivered. Faulty parameter in XML file
	3	Not delivered. The message has been stopped in the operators network..
	4	Not delivered. Reason unknown.
	20	The message have been delivered and signed by the recipients cell phone.
	21	Status unknown no recite received.
transid	Id that was sent when the message was created	

Return codes
HTTP code 200 with the messageId if success, other codes is interpreted as a failure and the server will retry at a later point.

Contact

Create contacts

URL: https://sms.intime.nu/api/1.0/contacts/add.ashx?user=[UserName]&hash=[SecretKey]

XML structure:

```xml
<?xml version="1.0" encoding="iso-8859-1"?>
 <contacts>
   <contact>
       <type>1</type>
       <firstname>John</firstname>
       <lastname>Svensson</lastname>
       <email>john.svensson@company.se</email>
       <mobile>070112233</mobile>
       <extrafield>Management</extrafield>
       <groups>
             <group groupid="1" />
             <group groupid="2" />
       </groups>
   </contact>
</contacts>
```

Parameters

type	1 = SMS contact 2 = E-mail contact 3 = SMS & Email contact
firstname	Firstname
lastname	Lastname
email	E-mail address
mobile	Cell phone number
extrafield	Extra field to define (Department, Home, Work) (Not mandatory)
groups	Contact group
groupid	Id-number of the group

Return values

Success

ContactId	ContactId is a unique id for the contact that have been created at InTime. If many contacts have been created in the same request this will be separated with comma ex:. ContactId,ContactId, …

Error codes

0:ERROR1	Username and / or password is missing
0:ERROR2	XML is empty or missing
0:ERROR3	User is not verified
1:ERROR1	XML validation failure
2:ERROR1	Unable to create contact
3:ERROR1	Contact, not valid email
3:ERROR2	Contact, not valid mobile number

List groups

URL: https://sms.intime.nu/api/1.0/contacts/listgroups.ashx?user=[UserName]&hash=[SecretKey]
Returns a list of groups in a XML message

Return value, XML structure:

```
<?xml version="1.0" encoding="iso-8859-1"?>
 <groups>
  <group groupid="1">Group number 1</group>
  <group groupid="2">Group number 2</group>
  ...
</groups>
```

Error codes

0:ERROR1	Username and/or password is missing in the request
0:ERROR3	User is not validated
2:ERROR1	No data to return, user have no contacts in the list

Create groups

URL: https://sms.intime.nu/api/1.0/contacts/addgroup.ashx?user=[UserName]&hash=[SecretKey]

XML structure:

```
<?xml version="1.0" encoding="iso-8859-1"?>
 <addgroups>
   <groups>
       <group groupname="New group" />
       ...
   </groups>
</addgroups>
```

Parameters

groups	Groups that will be created
group	A group that will be created
groupname	The name of the group

Return values

Success

GroupId	GroupId is a unique id-number for the group that has been created at InTime..
	If several groups are sent in the same request these will be seperated with comma.ex: GroupId,GroupId, …

Error codes

0:ERROR1	Username and / or password is missing
0:ERROR2	XML is empty or missing
0:ERROR3	User is not verified
1:ERROR1	XML validation failure
2:ERROR1	Unable to create group(s)

Remove groups

URL:https://sms.intime.nu/api/1.0/contacts/deletegroup.ashx?user=[UserName]&hash=[SecretKey]

XML structure:

```
<?xml version="1.0" encoding="iso-8859-1"?>
 <deletegroups>
   <groups>
       <group groupid="1" deletecontacts="false" />
       ...
   </groups>
</deletegroups>
```

Parameters

groups	Groups that will be removed
group	A group that will be removed
groupid	Id number of the groups that will be removed
deletecontacts	A flag indicating if contacts within the group should be removed as well

Return values

Successs

GroupId	GroupId is a unique id number for the group that has been removed at InTime..
	If several groups are sent in the same request these will be separated with comma ex: GroupId,GroupId, …

Error codes

0:ERROR1	Username and / or password is missing
0:ERROR2	XML is empty or missing
0:ERROR3	User is not verified
1:ERROR1	XML validation failure
2:ERROR1	Could not remove any group(s)

Block list

List blocked numbers

URL: https://sms.intime.nu/api/1.0/nix/list.ashx?user=[Username]&hash=[SecretKey]
Returns a list of blocked numbers (recipients) in a XML message

Return value, XML structure:

```
<?xml version="1.0" encoding="iso-8859-1"?>
 <nixentries>
  <nixentry>
   <mobile>0701122334</mobile>
   <firstname>Kalle</firstname>
   <lastname>Eriksson</lastname>
  </nixentry>
  ...
</nixentries>
```

Error codes

0:ERROR1	Username and/or password is missing in the request
0:ERROR3	User is not validated
2:ERROR1	No data to return, user have no numbers in his/hers block list

Add number

URL: https://sms.intime.nu/api/1.0/nix/addnix.ashx?user=[UserName]&hash=[SecretKey]

XML structure:

```
<?xml version="1.0" encoding="iso-8859-1"?>
 <addnixentries>
   <nixentries>
    <nixentry mobile="070112233" />
    <nixentry mobile="070445566" />
    ...
   </nixentries>
</addnixentries>
```

Parameters

mobile	Number that will be added to the block list

Return values

Success

NixEntryId	NixEntryId is a unique id for the entry in the block list..
	If multiple numbers are sent in the same request these will be separated with comma ex: NixEntryId,NixEntryId, …

Error codes

0:ERROR1	Username and / or password is missing
0:ERROR2	XML is empty or missing
0:ERROR3	User is not verified
1:ERROR1	XML validation failure
2:ERROR1	Could not create entries to block list

Remove number

URL: https://sms.intime.nu/api/1.0/nix/deletenix.ashx?user=[UserName]&hash=[SecretKey]

XML structure:

```
<?xml version="1.0" encoding="iso-8859-1"?>
 <deletenixentries>
   <nixentries>
    <nixentry mobile="070112233" />
    <nixentry mobile="070445566" />
  ...
   </nixentries>
</deletenixentries>
```

Parameters

mobile	Number that will be removed from block list

Return values

Success

NixEntryId	NixEntryId is a unique id for the entry in the block list..
	If multiple numbers are sent in the same request these will be separated with comma ex: NixEntryId,NixEntryId, …

Error codes

0:ERROR1	Username and / or password is missing
0:ERROR2	XML is empty or missing
0:ERROR3	User is not verified
1:ERROR1	XML validation failure
2:ERROR1	Could not delete entries from block list

Reminders

List reminder

URL: https://sms.intime.nu/api/1.0/reminder/list.ashx?user=[Username]&hash=[SecretKey]&id=[id]
Returns a list of reminders a user has in a XML message

Return value, XML structure:

```
<?xml version="1.0" encoding="iso-8859-1"?>
 <reminderappointments>
 <reminderappointment>
   <appointmentId>101</appointmentId>
   <appointmentDate>2013-04-25  15:35</appointmentDate>
   <userId>1</userId>
   <userIdentity></userIdentity>
   <userAlias>Intime</userAlias>
   <active>true</active>
   <messageDate>2013-04-24  10:00</messageDate>
   <messageText>Hi we like to remind you... </messageText>
   <organizer>
     <title>Dr</title>
     <firstname>Hans</firstname>
     <lastname>Evertsson</lastname>
   </organizer>
   <attendant>
     <firstname>FirstNamn</firstname>
     <lastname>LastName</lastname>
     <mobile>07011223344</mobile>
   </attendant>
 </reminderappointment>
 ...
</reminderappointments>
```

Parameters

id	Optional. Specify a AppointmentId if only one reminder is to be listed

Error codes

0:ERROR1	Username and/or password is missing in the request
0:ERROR3	User is not validated
2:ERROR1	No data to return, user have no reminders

Add reminder

URL: https://sms.intime.nu/api/1.0/reminder/add.ashx?user=[UserName]&hash=[SecretKey]

XML structure:

```
<?xml version="1.0" encoding="iso-8859-1"?>
<reminderappointments>
<reminderappointment>
<appointmentdate>2013-04-25T08:30:00</appointmentdate>
<organizer_firstname>Karl</organizer_firstname>
<organizer_lastname>Svensson</organizer_lastname>
<organizer_title>A title</organizer_title>
<attendant_firstname>Firstname</attendant_firstname>
<attendant_lastname>Lastname</attendant_lastname>
<attendant_mobile>070334455</attendant_mobile>
</reminderappointment>
...
</reminderappointments>
```

Parameters

appointmentdate	A date with time for the reminder
organizer_firstname	Who is the owner of the reminder? Firstname
organizer_lastname	Who is the owner of the reminder? Lastname
organizer_title	Who is the owner of the reminder? A title
attendant_firstname	To whom will the reminder be sent to? Firstname
attendant_lastname	To whom will the reminder be sent to? Lastname
attendant_mobile	To whom will the reminder be sent to? mobile

Return values

Success

AppointmentId	AppointmentId is a unique id for the reminder.. If multiple reminders are sent in the same request these will be separated with comma ex: AppointmentId, AppointmentId,..

Error codes

0:ERROR1	Username and / or password is missing
0:ERROR2	XML is empty or missing
0:ERROR3	User is not verified
1:ERROR1	XML validation failure
2:ERROR1	Could not add reminders

Change reminder

URL: https://sms.intime.nu/api/1.0/reminder/edit.ashx?user=[UserName]&hash=[SecretKey]
Changes a reminder. The only mandatory parameter is appointmentId, the rest is optional. Those parameters that are sent will be updated, the rest will be unaffected. Only active reminders can be changed.

XML structure:

```xml
<?xml version="1.0" encoding="iso-8859-1"?>
 <reminderappointments>
 <reminderappointment>
   <appointmentid>1472</appointmentid>
   <appointmentdate>2013-04-25T08:30:00</appointmentdate>
   <organizer_firstname>Karl</organizer_firstname>
   <organizer_lastname>Svensson</organizer_lastname>
   <organizer_title>A  title</organizer_title>
   <attendant_firstname>Firstname</attendant_firstname>
   <attendant_lastname>Lastname</attendant_lastname>
   <attendant_mobile>070334455</attendant_mobile>
   <active>false</active>
 </reminderappointment>
 ...
</reminderappointments>
```

Parameters   * : Mandatory parameters

*appointmentid	AppointmentId for the reminder
appointmentdate	A date with time for the reminder
organizer_firstname	Who is the owner of the reminder, firstname
organizer_lastname	Who is the owner of the reminder, lastname
organizer_title	Who is the owner of the reminder, title
attendant_firstname	To whom will the reminder be sent? firstname
attendant_lastname	To whom will the reminder be sent? lastname
attendant_mobile	To whom will the reminder be sent? mobile
active	Inactivates the reminder if set to false.

Return values

Success

AppointmentId	AppointmentId is a unique id for the reminder..
	If multiple reminders are sent in the same request these will be separated with comma ex: AppointmentId, AppointmentId,..
	If a reminder can't be changed, for instance if it is inactivated, a negative value will be returned. ex: -1472, -1473

Error codes

0:ERROR1	Username and / or password is missing
0:ERROR2	XML is empty or missing
0:ERROR3	User is not verified
1:ERROR1	XML validation failure
2:ERROR1	Could not edit reminders