



Mobile Connect MO Gateway

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1. CONNECTION
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MCXess delivers a HTTP GET request to a script on your server whenever a mobile originated (MO) message arrives. You must set up a script that can handle HTTP GET data to receive the requests. The requests are originating from one IP-address which is connected to several backup servers through VRRP to achieve redundancy. It is important that you open up your firewalls etc for incoming requests from our server:

83.96.144.191

The HTTP request conducted by MCXess must be answered by your server in the response HTTP body with status code **"TRUE"** which means that the message was successfully accepted by your system. If either the HTTP server cannot be reached, if it returns e.g. "500 internal server error" or if it returns the status code **"FALSE"** MCXess assumes that the message was not successfully accepted by your system and the request will be retried once every minute. The message will not be retried forever, the current setting is 24 hours.



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2. PARAMETERS

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The parameters that are used:

MSISDN	The phone number from which the response originated
KEYWORD	The keyword with which the message text starts
PARM	All message text after the KEYWORD
OPERATOR	Network Code of the MSISDN
TIMESTAMP	Time that message was received by SMSC or system

Specifications for every parameter are detailed out below:

MSISDN

The phone number from which the response originated

Type: MSISDN-numeric (international format without leading "00" or "+")

Min length: 1 MSISDN

Max length: 1 MSISDN

Min value: <na>

Max value: <na>

Values: <na>

Default value: <na>

Example: MSISDN=31612345678

Remarks: <none>

KEYWORD

The keyword with which the message text starts

Type: Alphanumeric

Min length: 2

Max length: 15

Min value: <na>

Max value: <na>

Values: <na>

Default value: <na>

Example: KEYWORD=WIN

Remarks: Characters will be urlencoded

PARM

All message text after the KEYWORD

Type: Alphanumeric

Min length: <na>

Max length: <na>

Min value: <na>

Max value: <na>

Values: <na>

Default value: <na>

Example: PARM=AAN

Remarks: Characters will be urlencoded



OPERATOR

Network Code of the MSISDN

Type: Numeric

Min length: 5

Max length: 5

Min value: <na>

Max value: <na>

Values: 20408 = (NETHERLANDS) KPN MOBILE

20404 = (NETHERLANDS) VODAFONE

20416 = (NETHERLANDS) T-MOBILE

20420 = (NETHERLANDS) ORANGE

20412 = (NETHERLANDS) TELFORT

Default value: <none>

Example: OPERATOR=20408

Remarks: Network Codes for other countries can be found on the following website:

<http://www.gsmworld.com/roaming/gsminfo/index.shtml>

TIMESTAMP

Time that message was received by SMSC or, if not supplied; time when it hit our system.

Type: Time

Min length: 14

Max length: 14

Min value: <na>

Max value: <na>

Values: <na>

Default value: <none>

Example: TIMESTAMP=20040208152544

Remarks: See Appendix A for Field Types

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Appendix A: FIELD TYPES

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Numeric: characters 0 to 9
Alphanumeric: character from ISO-8859-1
MSISDN-numeric: characters 0 to 9, first character might be a '+' sign
Time: time as YYYYMMDDHHMMSS