

# Technical Documentation

for

# Inbound SMS

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Agile Telecom offers two different kinds of inbound SMS.

- **SHARED NUMBER:** Allows to receive SMS on a shared number using a 4-8 digits alphanumeric code, that should be specified as first word of the message. (Example: "A1B2 text of the message"). Customer will receive (via email or http-post) all the messages beginning with the chosen code.
- **EXCLUSIVE NUMBER:** Allows to receive SMS from an exclusive number without using any codes in front of the text. Customers could send their own SIM card to us, they will be hosted on our server. Customer will receive (via email or http-post) all the messages received from the SIM.

#### Inbound SMS via Email.

SMS received will be sent to the email address specified by the customer.

Email will be sent from [SMSIN@AGILETELECOM.COM](mailto:SMSIN@AGILETELECOM.COM) with subject "Agile Telecom – SMS received" and will contain:

- Originator of the message (example +393351234567)
- Destination of the message (example +393204650000)
- Date and time with the the following format YYYYMMDDHHNNSS (example 20090525154559)
- Text of the message (example "News ON")

#### Inbound SMS via HTTP POST protocol.

Inbound SMS, could be notified via HTTP/Post prtocol.

In order to receive these notifications customer must have a web page able to accept HTTP/Post requests from Agile Telecom's server using the following parameters:

- originator
- destination
- text
- date\_time

<b>originator</b>	Sender of the message (number or name. Could be numeric or alphanumeric)
<b>destination</b>	Number of the SIM Card that received the message
<b>text</b>	Text of the message received
<b>date_time</b>	Date-Time when the message arrives to the SIM (using the format "YYYYMMDDHHNNSS")

To every HTTP-Post request the page will have to answer sending a string containing a "+OK". Without the "+OK" string the message won't be considered as notified and a second attempt will be sent again after 15 minutes.

Http-Post method is the fastest one in order to automatize inbound process, for example saving SMS on a database.