

SMS Message Data Schema Documentation

SMS Event Schema

The SMS event is represented as an object with the following fields:

Fields

Field	Type	Description	Required	Example Value
direction	String (Enum)	Indicates the direction of the message: mo (mobile-originated) or mt (mobile-terminated).	Yes	"mo"
startTime	String (ISO 8601)	Timestamp of when the message was sent or received, in ISO 8601 format (e.g., YYYY-MM-DDTHH:MM:SS.sssZ).	Yes	"2024-08-05T12:24:20.389+000"
segment	Object (Optional)	Details about message segmentation for long messages. Only present if the message is segmented.	No	See segment section below
subscriberParty	Object	Information about the subscriber sending or receiving the message.	Yes	See subscriberParty section below
otherParty	Object	Information about the other party involved in the message (e.g., recipient or sender).	Yes	See otherParty section below
message	String	The body or content of the SMS message.	Yes	"Message test"
messageType	String	The type of message, typically "sms".	Yes	"sms"
messageContentType	String	The MIME type of the message content, typically "text/plain; charset=UTF-8".	Yes	"text/plain; charset=UTF-8"

segment Object (Optional)

For long SMS messages that are broken into multiple parts, the **segment** object provides details about the segmentation. It includes:

Field	Type	Description	Required	Example Value
id	String	Unique identifier for the segment.	Yes	"123456"
number	Number	The sequence number of the current segment (1-based).	Yes	1
total	Number	The total number of segments in the message.	Yes	3

Notes: - This object is only included if the message is a long message split into multiple parts. - The **number** and **total** fields help reconstruct the full message in the correct order.

subscriberParty Object

Details about the subscriber (the party associated with the mobile device sending or receiving the message):

Field	Type	Description	Required	Example Value
domain	String	The domain or network of the subscriber.	Yes	"office.onsim.uk"
mobile	String	The mobile phone number of the subscriber.	Yes	"447888888888"
did	String	Direct Inward Dialing number, typically the same as mobile .	Yes	"447888888888"
subrId	String	Unique subscriber ID or identifier.	Yes	"b012345"

otherParty Object

Details about the other party involved in the message (e.g., the recipient or sender):

Field	Type	Description	Required	Example Value
number	String	The phone number of the other party.	Yes	"447777777777"

Example

Below is an example of a complete SMS event in JSON format:

```
“json { “direction”: “mo”, “startTime”: “2024-08-05T12:24:20.389+0000”, “subscriberParty”: { “domain”: “office.onsim.uk”, “mobile”: “447888888888”, “did”: “447888888888”, “subId”: “b012345” }, “otherParty”: { “number”: “447777777777” }, “message”: “Message test”, “messageType”: “sms”, “messageContentType”: “text/plain; charset=UTF-8” }
```