

RCS API DOCUMENTATION

(version 1.0)

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1. Overview

The RCS Messaging API allows clients to send different types of messages (Text, Rich Card, and Carousel) to users via a verified chatbot using the GMS RCS platform.

1.1 Base URL

<https://rcs-api.gmstool.com/vtlServices/sendMessage>

1.2 Content-Type

```
application/json
```

1.3 Authentication

Each request must include the following fields for client verification:

- **userName**: Your registered client username
- **botId**: Your assigned bot name

2. Send Template Message

2.1 Request URL and Headers For Sending Template Messages

```
POST /vtlServices/sendMessage
Content-Type: application/json
```

2.2 Send Template Message (Used for Text / Rich Card / Carousel)

Send a simple RCS message with text content.

2.2.1 Single Number - Sample JSON Request and Response Payload

Sample Request:

```
{
  "phoneNumber": "9199538*****",
  "userName": "vtsdemoclient",
  "botId": "VTS_Conversational",
  "contentMessage": {
    "templateCode": "HindiTemp"
  }
}
```

Sample Response:

```
[
  {
    "code": "6001",
    "desc": "Message queued successfully.",
    "name": null,
    "sendTime": null,
  }
]
```

```

    "msgId": "68540e40e24cce2828936503",
    "time": null,
    "conversationId": null,
    "contentMessageRequest": null
  }
]

```

2.2.2 Parameters

Field	Type	Required	Description
phoneNumber	String	Yes	Recipient's phone number in international format
userName	String	Yes	User Name
botId	String	Yes	Registered Bot Name
contentMessage	Object	Yes	Message content
└─ templateCode	String	Yes	Registered template code

2.2.1 Multiple Numbers - Sample JSON Request and Response Payload

Sample Request:

```

{
  "phoneNumber": "9187951*****, 9187951**** ",
  "userName": "vtsdemoclient",
  "botId": "VTS_Conversational",
  "contentMessage": {
    "templateCode": "HindiTemp"
  }
}

[
  {
    "code": "6001",
    "desc": "Message queued successfully.",
    "receiveTime": "2025-06-20 17:19:56",
    "msgId": "68554ae34a91133aca7e6ba2"
  },
  {

```

```
        "code": "6001",
        "desc": "Message queued successfully.",
        "receiveTime": "2025-06-20 17:19:56",
        "msgId": "68554ae44a91133aca7e6ba4"
    }
]
```

2.2 Send Template Message With Custom Variables

Send a simple RCS template message containing custom variables

2.2.1 Sample JSON Request and Response Payload

Sample Request:

```
{
  "phoneNumber": "9187951*****, 9187951**** ",
  "userName": "vtsdemoclient",
  "botId": "RCS_Jio_Promo",
  "contentMessage": {
    "templateCode": "AllParameters",
    "templateMessage": {
      "customParams": "{\"Title\":\"testing\\\", \"User\":\"Ambrish\"}"
    }
  }
}
```

Sample Response:

```
[
  {
    "code": "6001",
    "desc": "Message queued successfully.",
    "receiveTime": "2025-06-20 17:19:56",
    "msgId": "68554ae34a91133aca7e6ba2"
  },
  {
    "code": "6001",
    "desc": "Message queued successfully.",
    "receiveTime": "2025-06-20 17:19:56",
    "msgId": "68554ae44a91133aca7e6ba4"
  }
]
```

```
]
```

2.3 Input Validations

Validations for various input parameters and sample error responses.

2.3.1 Invalid Phone Number - Sample Response

```
[
  {
    "code": "-103",
    "desc": "Invalid phone number format.",
    "receiveTime": null,
    "msgId": null
  }
]
```

2.3.2 Invalid Bot ID or Template Code - Sample Response

```
[
  {
    "code": "-108",
    "desc": "Bot or template not found.",
    "receiveTime": null,
    "msgId": null
  }
]
```

2.3.3 Invalid User Name - Sample Response

```
[
  {
    "code": "-101",
    "desc": "User not found.",
    "receiveTime": null,
    "msgId": null
  }
]
```

```
]
```

2.3.4 Mandatory Parameter Missing - Sample Response

```
[
  {
    "code": "-100",
    "desc": "Missing mandatory fields: username, phoneNumber, or
templateCode.",
    "receiveTime": null,
    "msgId": null
  }
]
```

2.3.5 Custom Variable Missing For Template Containing Variables - Sample Response

```
[
  {
    "code": "-107",
    "desc": "Processing failed:
    "receiveTime": null,
    "msgId": null
  }
]
```

2.4 Important Notes

- Template codes (`templateCode`) must be pre-registered and approved.