



API Documentation Google RCS

USER GUIDE

TELSPIEL COMMUNICATIONS PVT LTD

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Preamble

This document underlines the specifications of the JSON API provided by telSpiel for sending the automated RCS communications within telSpiel infrastructure. The document is intended for developers planning on integrating their systems with telSpiel's RCS service. It also allows user to integrate APIs with the platform and create useful functionality around the platform.

Customer Support Team

As an organisation we do follow strict timelines and adhere highest level of SLAs to fulfil our commitment. Our customer support team professional are highly qualified industry veterans are handholding with you 24X7X365 from proof of concept till post-sales support. Our team is reachable at following touchpoints.

Touchpoint	Technical Support
Email	care@telspiel.com
Phone	(+91) 9999998898 (Ext 1)
Availability	24 / 7

Assumptions

The guide assumes that you are familiar with and have sufficient experience in applying the following technologies and concepts of HTTP and JSON.

- HTTP/HTTPS communications using the GET and POST methods for parameter passing through API.
- A programming language such as Java, C/C++, Visual Basic to integrate the HTTP URL with the Application.
- The APIs are POST-based using JSON as the standard response type.

Validation of API

There are 2 ways of validation:

1. Password in Json packet
2. Validation with access token

Password in JSON packet

In this password is sent in JSON data packet for validation. Here password is same as shared during account creation with username This is default configuration.

Validation with access token



In this client needs to send authorization bearer token in header with every request. The bearer token is generated via below API request. You will need a client secret code which will be shared by support team. The client needs to pass username and client secret code in the authorization header as Basic authentication (base64 encoded). The username and client secret code should be separated by:

For example, if username is example and client secret code is 124 then authorization header should be passed as below

Basic ZXhhbXBsZToxMjM0

The validity of this token received in response will be 24 hrs and needs to be regenerated with same process.

If you need the token generated at 1st instance to never expire you can contact support for the same, in which case you need to only generate the bearer token only once.

End point:

<https://web.rcssms.in/api/rcs/accesstoken>

Send RCS message

The API method used here will be POST base JSON.

Sample URL:

<https://web.rcssms.in/rcsapi/jsonapi.jsp>

Authorization header should contain bearer token if in case you choose token verification process.

Data body

```
{
  "username" : "xxxxx",
  "password" : "xxxx",
  "rcstype" : "xxxx",
  "rcsid" : "xxxx",
  "msisdn" : "xxxxx",
  "{#variablename#}" : "xxxxx", "templateid" : "xxxxx"
}
```

FIELD NAME	DESCRIPTION
username	username shared while account creation.
password	password shared while account creation, if you are using authorisation via bearer token then password tag is optional.



rcstype	The type of template, i.e. BASIC, RICH, RICHCASOUREL.
rcsid	A unique id assigned during account creation of you bot.
msisdn	The mobile number, with or without 91. You can enter multiple number upto 500 in a single request comma separated format.
{#variablename#}	The name of the variable available in web interface after template approval from operator, for examp if there is a variable in title then it may be like {#tvar1#} or if in description then it will be like {#dvar1#}, you need to provide the content in this variable whatever you want to send
templateid	The unique id associated with each approved template

Response packet

```
{
  "data": [
    {
      "msgid": "example-20231230133500309785919999999999",
      "msisdn": "+919999999999"
    },
    {
      "msgid": "example-20231230133500309881919999999998",
      "msisdn": "+919999999998"
    }
  ]
}
```

DLR call back

The client needs to share their end point URL for sending DLR.

ERROR CODE	DESCRIPTION
10	Username, password or type or msisdn fields
13	Invalid JSON packet
15	Account validity expired
18	Template ID not found
21	Username does not exist or invalid
22	Incorrect Username Password/token
23	Insufficient credit
24	Incorrect number list
30	Token validity expired



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